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OCE / Air Compliance

AIR CP

102610102

Compliance

Public

12/10/2018 12:00AM

Investigation

1537446

AIR CP 102610102 CP 20181210 INVESTIGATION 1537446 **Texas Commission on Environmental Quality Investigation Report**

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

Regulated Entity Name: BLUE RIDGE LANDFILL

Regulated Entity Number: RN102610102

Investigation # 1537446

Incident Numbers

299362 299344 299313 299369 299326 299233 299355 299350

299253

Investigator: DAVID BROUSSARD

Site Classification MAJOR SOURCE

Conducted: 12/10/2018 -- 12/16/2018

NAIC Code: 562212 NAIC Code: 486210 SIC Code: 4922 SIC Code: 4953 SIC Code: 1521

Program(s):

AIR OPERATING PERMITS

Investigation Type: Compliance Investigation

Location: LOCATED ON 2200 FM 521

Additional ID(s):

FG0536E

1472

Address: 2200 FM 521 RD.

FRESNO, TX, 77545

Local Unit: REGION 12 - HOUSTON

Activity Type(s):

AIRCOMPL - AIR CMPL - AIR

COMPLAINT INV

Principal(s):

Role

Name

RESPONDENT

BLUE RIDGE LANDFILL TX LP

Contact(s):

Role

Title

Name

Phone

REGULATED

AREA

MR SCOTT TREBUS

Phone Fax

(713) 726-7506

ENTITY MAIL

ENVIRONMENTAL

(713) 675-3660

CONTACT

MANAGER

Other Staff Member(s):

Role

Name

RECEIVED

Investigator **QA** Reviewer NICOLINA FRAIETTA BIANCA LOPEZ

Supervisor

CHRISTOPHER HORTON

FEB 1 9 2019

Investigator Investigator

TRAVIS LAY KENDRA BERNHAGEN TCEQ

CENTRAL FILE ROOM

BLUE RIDGE LANDFILL - FRESNO

12/10/2018 to 12/16/2018 Inv. # - 1537446

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Associated Check List

Checklist Name
AIR COMPLAINT INVESTIGATION
AIR GENERIC INVESTIGATION (10 ITEMS)
AIR INVESTIGATION - EQUIPMENT
MONITORING AND SAMPLING revised 06/2013

Luit Name
Area Wide
Area Wide

Investigation Comments:

INTRODUCTION

Introduction

Between 12/9/18 and 12/21/18, 114 odor complaints were received via the Texas Commission on Environmental Quality (TCEQ) online complaint form, Houston Region's air section phone duty line or by email. These complaints are part of the ongoing investigation of various odors occurring in the Shadow Creek Ranch Subdivision and surrounding area. See CCEDS Incidents # 299233, 299253, 299313, 299326, 299344, 299350, 299355, 299362, and 299369, for more details on the complaints filed. See below for the date, the complaints occurred:

- · 12/9/18
- 12/10/18
- 12/11/18
- 12/13/18
- 12/14/18
- 12/15/18
- 12/16/18
- 12/17/18
- 12/18/18
- · 12/19/18
- · 12/20/18
- 12/21/18

Most complainants alleged a putrid garbage or landfill odor occurring in their homes and around the neighborhood early in the morning, mid-morning, or during the evening. Other alleged odors include leachate, sewage, and chemical odors. In some instances, complainants stated the odor lasted throughout the day. All of the complainants identified Blue Ridge Landfill (BR) as the source of the odor.

Meteorological conditions during the alleged incidents were as follows: on 12/10/18, it was approximately 47.5 degrees Fahrenheit (F) with a wind speed of 3.9 miles per hour (mph) from the northwest; on 12/11/18, it was approximately 50.8 F with a wind speed of 4.5 mph from the southeast; on 12/13/18, it was approximately 65.2 F with a wind speed of 10.1 mph from the southwest; on 12/14/18, it was approximately 48.2 F with a wind speed of 13.2 mph from the west; on 12/15/18, it was approximately 53.7 F with a wind speed of 7.0 mph from the west; on 12/16/18, it was approximately 54.0 F with a wind speed of 2.8 mph from the southeast; on 12/17/18, it was approximately 57.3 F with a wind speed of 2.7 mph from the south; on 12/18/18, it was approximately 53.6 F with a wind speed of 4.6 mph from the northeast; on 12/19/18, it was approximately 56.9 F with a wind speed of 3.8 mph from the north; on 12/20/18, it was approximately 56.8 F with a wind speed of 11.1 mph from the northwest; and on 12/21/18, it was approximately 49.2 F with a wind speed of 7.8 mph from the northwest. This information was provided by the TCEQ Continuous Air Monitoring Station (CAMS) 84 (Manvel Croix Park C84). The complainants were contacted by phone or email on 12/20/18 and 12/21/18 to inform them that an investigation had been conducted on 12/10/18 and 12/16/18.

Investigation Narrative

On 12/10/18, TCEQ investigators, Ms. Kendra Bernhagen and Mr. Travis Lay, conducted odor surveys in the west Pearland area. The area is largely residential with numerous industrial facilities. See Attachment 1 for a map overview of odor survey locations.

At approximately 22:40, Ms. Bernhagen arrived in the area to conduct odor surveys. At approximately 23:00, Mr.

BLUE RIDGE LANDFILL - FRESNO

12/10/2018 to 12/16/2018 Inv. # - 1537446

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Lay, arrived in the area to conduct odor surveys. Meteorological conditions at the beginning of the investigation, taken from CAMS 84, were as follows: 43.9 F with a wind speed of 1.0 mph from the west.

Ms. Bernhagen arrived at (29.5508417, -95.4341111) at approximately 22:40. The investigator completed a 1-hour odor log beginning at 22:40 (Attachment 2 – Page 1). No odors were detected. Following the odor survey, the investigator left the area at approximately 23:40.

Mr. Lay arrived at (29.5607278, -95.4243222) at approximately 23:00. The investigator completed a 1-hour odor log beginning at 22:40 (Attachment 2 – Page 3). Very light and light garbage odors were detected for a total of 9 minutes. Following the odor survey, the investigator left the area at approximately 23:40.

Ms. Bernhagen arrived at (29.5639611, -95.4373805) at approximately 23:45. The investigator completed a 1-hour odor log beginning at 23:45 (Attachment 2 – Page 5). Very light and light garbage odors were detected for all 60 minutes of the survey. Following the odor survey, the investigator left the area at approximately 00:45.

Mr. Lay arrived at (29.5764444, -95.4255555) at approximately 00:05. The investigator completed a 1-hour odor log beginning at 00:05 (Attachment 2 – Page 7). Very light garbage odors were detected for a total of 4 minutes. Following the odor survey, the investigator left the area at approximately 01:05.

Ms. Bernhagen arrived at (29.5808222, -95.4613277) at approximately 00:55. The investigator completed a 1-hour odor log beginning at 00:55 (Attachment 2 – Page 9). No odors were detected. Following the odor survey, the investigator left the area at approximately 01:55.

In addition to the odor logs, the MultiRAE and QRAE were utilized during the investigation. No readings were noted.

The investigators left the Pearland area at approximately 01:55.

On 12/16/18, TCEQ investigators, Mr. David Broussard and Ms. Nicolina Fraietta, conducted odor surveys in the west Pearland area. The area is largely residential with numerous industrial facilities. See Attachment 1 for a map overview of odor survey locations.

At approximately 01:30, Mr. Broussard and Ms. Fraietta, arrived in the area to conduct odor surveys. Meteorological conditions at the beginning of the investigation, taken from CAMS 84, were as follows: 47.2 F with a wind speed of 2.9 mph from the west.

The investigators arrived at (29.5815716, -95.4609316) at approximately 01:30. Mr. Broussard and Ms. Fraietta each completed a 1-hour odor log beginning at 01:35 (Attachment 2 – Pages 11 & 17). No odors were detected. Following the odor survey, the investigators left the area at approximately 02:37.

Mr. Broussard arrived at (29.5778028, -95.4276) at approximately 02:40. Mr. Broussard completed a 1-hour odor log beginning at 02:45 (Attachment 2 – Page 13). No odors were detected. Following the odor survey, Mr. Broussard left the area at approximately 03:47.

Ms. Fraietta arrived at (29.569217, -95.4371740) at approximately 02:45. Ms. Fraietta completed a 1-hour odor log beginning at 02:50 (Attachment 2 – Page 19). Very light garbage odors were detected for 6 minutes, and moderate odors were detected for 2 minutes out of the hour. Following the odor survey, Ms. Fraietta left the area at approximately 03:52 AM.

Mr. Broussard arrived at (29.5569278, -95.4264194) at approximately 04:15. Mr. Broussard completed a 1-hour odor log beginning at 4:20 AM (Attachment 2 – Page 15). Very light garbage odors were detected for 5 minutes out of the hour. Following the odor survey, Mr. Broussard left the area at approximately 05:22.

Ms. Fraietta arrived at (29.5511515, -95.4375572) at approximately 04:20 AM. Ms. Fraietta completed a 1-hour odor log beginning at 4:25 (Attachment 2 – Page 21). No odors were detected. Following the odor survey, Ms. Fraietta left the area at 05:30.

In addition to the odor logs, the MultiRAE was utilized during the investigation. No readings were noted,

BLUE RIDGE LANDFILL - FRESNO

12/10/2018 to 12/16/2018 Inv. # - 1537446

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The investigators left the Pearland area at approximately 05:30.

The following records were requested and reviewed. For more information see attachment 4. The Municipal Solid Waste (MSW) and Class 1 cover logs showed the landfill covered and eroded spots were covered with additional soil. The flare observation log showed that the flare was operating without smoke on all days that facility was in operation. Blue Ridge Landfill submitted 26 Odor Complaint logs generated by citizen complaints. Blue Ridge Landfill also submitted their odor survey results for surveys conducted between 12/8/18 and 1/4/19. Blue Ridge Landfill submitted the date of the most recent scheduled surface emissions monitoring, 11/26/18. None of these documents contain information which supports a violation.

Facility Authorization Narrative

BR operates under Federal Operating Permit O-01472.

Exit Interview

On 1/4/19, the investigator conducted an exit interview with Mr. Scott A Trebus. An Exit Interview Form was completed by the Mr. Trey Thumann and acknowledged by Mr. Trebus. The Exit Interview Form is provided in Attachment No. 3.

As stated above, the complainants were contacted by phone or email on 12/20/18 and 12/21/18 to inform them of the completion of the investigation.

GENERAL FACILITY AND PROCESS INFORMATION

Process Description

BR is a municipal solid waste landfill. More detailed process descriptions can be found in the TCEQ Central File Room.

BACKGROUND

Agreed Orders, Court Orders, and Other Compliance Agreements

Agreed Orders issued by the TCEQ, court orders issued by the Attorney General of Texas, and other compliance agreements, if any, were not reviewed as part of this investigation.

Prior Enforcement Issues

Previous enforcement actions were not reviewed because violations were not discovered during this current investigation.

Complaints

Based on a review of CCEDS during the past five years, numerous odor 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. As stated above, a garbage odor was detected during the investigation. The Frequency, Intensity, Duration, and Offensiveness (FIDO) chart categorizes the garbage odor as offensive. To constitute a nuisance, an offensive odor at a monthly frequency has to last: ten minutes at an very strong intensity; one hour at a strong intensity; four hours at a moderate intensity; or twelve or more hours at a light intensity. Monthly: The nuisance odor condition has been documented during and investigators odor survey at least two times in a 60-day period.

Additional Issues

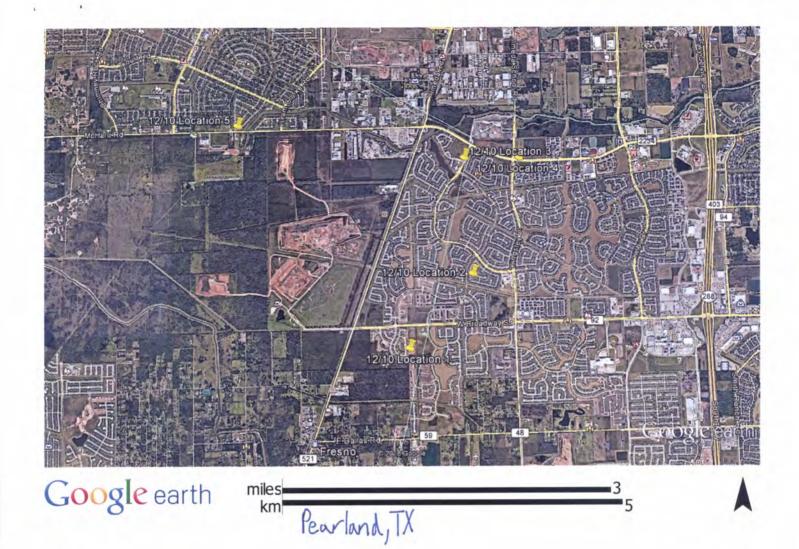
BLUE RIDGE LANDFILL - FRESNO 12/10/2018 to 12/16/2018 Inv. # - 1537446 Page 5 of 5 No additional issues were noted during this investigation. REPORT ATTACHMENTS 1. Area Map Odor Logs 3. Exit Interview Form 4. Information Provided by Blue Ridge Landfill No Violations Associated to this Investigation Inter_ (for David Browsend) Date 2/6/19 ronmental Investigator Date 2/6/19 **Environmental Investigator**

Attachments: (in order of final report submittal)

Signed

Maps, Plans, Sketches Enforcement Action Request (EAR) V Letter to Facility (specify type) : Gen, Comp Photographs Correspondence from the facility **Investigation Report** Other (specify) : Sample Analysis Results See Attachments Manifests _Notice of Registration

Attachment 1
Area Map
Blue Ridge Landfill
RN102610102
Permit O-1472
Pages 3



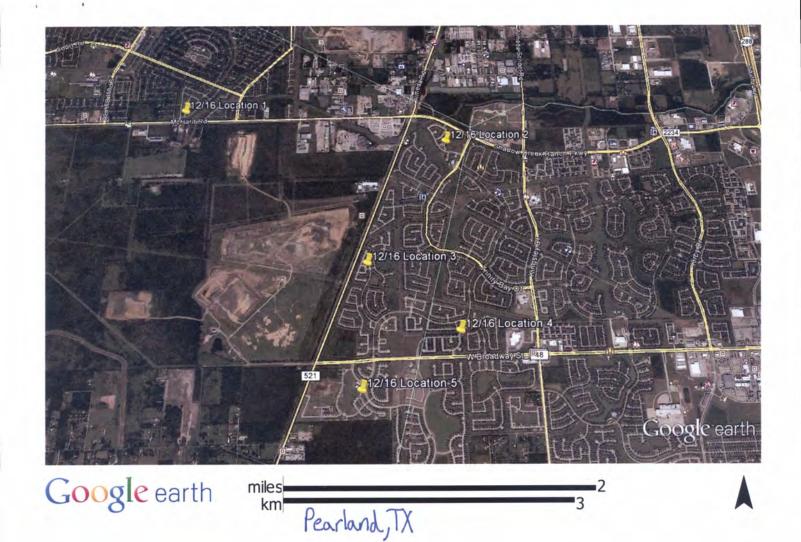
Investigation Type: CMPL
Air Account NO: FG- 0536-E

Attachment: 1

Page 1 of 3

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Attachment:	
Page 2	of 3



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

Air Account NO: FG-0536-E

Attachment:

Page 3 of 3

Attachment 2
Odor Logs
Blue Ridge Landfill
RN102610102
Permit O-1472
Pages 22

Point 1

29.5508417, -95,48411

Supplemental Investigator's Odor Intensity Time Log

Date of Investigation:	8/10/13	Start Time:	10:40	bu	

Minutes	Odor Intensity VL, L, M, S,VS
min	NA
	NA
3	NA
4	NA
5.	NA
	AVI
	NA
3	NA
)	NA
0	NA
1	AA
12	AN
3	1941
4	NA
5	AU
6	MA
2	NA
7	AIA
8 .	NA
9	NA
0	A D
21	NA
2	100
23	N. Comments
4	INT.
5	NA NA
6	TOP .
7	NY.
8	NA
9	NA
0	AU

Minutes	Odor Intensity VL, L, M, S, VS	1
31 min	NA	
2	NA	
33	NA	
34	NA	
35	NA	
36	NA	
37	NA	
38	NA	
39	NA	
40	NA	
41	NA	
42	N'A	
43	A CA	
44	NA	
45	NA	
46	NA	
47	NA	
48	NA	
49	NA	
50	NA	Ψ).
51	NA	
52	NA	
53	NA	
54	NA	
55	NA Investigation Type: (N	M
56	TOTAL BANKS BOOK FINAL	Chi.
57	All Account no.	ann.
58	ALA PLLACIONA	-
59	Page of 2	
FO		

Offensiveness: Highly	Offensive	Unpleasant	Not Unpleasant
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	VS	S	M	L	VL -	No Odor
1 Min						
10 Min	-0-5					
1 Hour						1

garbage odor

- 1. Characterize the odor to determine which Offensiveness table to use (Not Unpleasant to Highly Offensive)
- 2. Assess the Intensity of odor (Very Light to Very Strong), for variable intensities use Supplemental Investigator's Odor Intensity Time Log.
- 3. Determine the total Duration of the odor(s) (1 minute to 24 hours)
- 4. Evaluate the Frequency of odor occurrence (Single Occurrence to Daily)
- 5. Identify the block on the chart that corresponds to the information from Steps 1-4 and determine if a nuisance condition exists.

d.		lor	nittent?	c	Weathe onditio	er ons	Od	or Cha	racte	ristic		Odo	r Inte	ensity		Effects/Comments/Concerns
Date Date	Time(s)	How long did the odor occur?	Was the odor intermittent? (Y/N)	Wind direction	Z Rain (Y/N)	Temperature (°F)	Not Unpleasant	Unpleasant	Offensive	Highly Offensive	Very Light	Light	Moderate	Strong	Very Strong	
Page Z of 22	Altrachment: 2	2														

TRAVIS LOY

1 Hour

Supplemental Investigator's Odor Intensity Time Log

Date of Investigation: 12/10 Start Time: 2300 O.S.-4

Minutes	Odor Intensity VL, L, M, S,V	s "
1 min	N/O	
2	N/O	
3	N/O	
4	N/0	
5	N/O	
6	N/O	
7	NO	
8	· N/0	
9	1/0	
10	N/0	
11.	N/0	
12	N/O	
13	Nio	
14	V/0 -	- 1
15	1/0	
16	NO	1.
17	· 1/6	
18	vio :	
19	NIO	
20 ;	1/0:	
21	N/O	
22	NIO	
23	VL .	
24	: VL	
25	NV	
26	√/0 √ 0	
27	No :	1
28	VL	
29	VL	

Minutes	Odor Intensity VL, L, M, S, VS	
31 min	L MOD	
32	NO	1
33	N/O	l
34	N/0	
35	1/0	
36	Mo .	
37	N/b	
38	N/0	1
39	N/O	
40	N/0	
41	N/o	
42	Sign No	
43	No	
44	NO	
45	NO	
46	NO	
47	NO	1
48	NO	
49	No	
50	N/o	
51	N/6	
52	VL	
53	· VL	
54	VL.	
55	N/o.	
56	//o Investigation Type:	CMPL
57	Air Account NO:	F62-05
58	//o Attachment:	2
59	N/O Page 3 of	22
60	NO	

Offensiven	ess: Highly	_ Offensive _	Unplea	asantN	of Unpleasan	t
Weighted Av	erage Intensity:					
	VS	S	M	L	VL -	No Odor
1 Min			1		100	
10 Min		0	1 1		4.	

- 1. Characterize the odor to determine which Offensiveness table to use (Not Unpleasant to Highly Offensive)
- 2. Assess the Intensity of odor (Very Light to Very Strong), for variable intensities use Supplemental Investigator's Odor Intensity Time Log.
- 3. Determine the total Duration of the odor(s) (1 minute to 24 hours)
- 4. Evaluate the Frequency of odor occurrence (Single Occurrence to Daily)
- 5. Identify the block on the chart that corresponds to the information from Steps 1-4 and determine if a nuisance condition exists.

		or	ittent?	C	Weathe onditio	er ns	Odd	r Cha	racte	ristic		Odo	r Inte	ensity		Effects/Comments/Concerns
Date 11/0 - 12/11	Time(s)	How long did the odor occur?	Was the odor intermittent?	Wind direction	Rain (Y/N)	Temperature (°F)	Not Unpleasant	Unpleasant	Offensive	Highly Offensive	Very Light	Light	Moderate	Strong	Very Strong	Very Light odors decked intermittently
		-,					-				>					
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			- 4		7	. 10. 10	0 = No				9	Sapara - R			*	
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77		12					1	_								*
									9.00							

29.5639611, -95.4373805

Supplemental Investigator's Odor Intensity Time Log

Date of Investigation: WHERMIZIOUS Start Time: 11.45 pm

Minutes	Odor Intensity VL, L, M, S,VS		Minutes	Odor Intensity VI., L, M, S, VS
ı min	VL		31 min	VL.
2	VL.		32	VL.
	_L		33	
V	L	1 0	34	
	_ Ļ		35	L .
5	VL		- 1	ь
7	14		37	
8	VL .	1		
9	VL.		39	VL
10	yl,	1	- 1	VL
u.		11 1	41	٧L
12		Tt.		May VL
13	VL	· w	43	VL
4	VL	44 1	44	· VL
5	VI	1	45	VL
16	VL.		46	VL
2 1 1 7	VL'		47	VL
18	VL.		48	, , , ,
9	VL		49	
20 .	1/		50	L
21	VL		51	VL
12	L		52	VL
3	L	lig.	53	VL
24:	L	11	54	VL
25	L			VL
6	VL Investigation Ty	ne: CM		· VL
27	V Air Account NO:	1FG-1	25'50	E VL
28	VL Attachment:	2	-0	· VL
29	VL Page 5	Uf_	50 29	
30	٧L		60	. VL

Unpleasant Offensiveness: Highly___ Not Unpleasant __ Offensive ___

Weighted Average Intensity: No Odor 1 Min HI III 10 Min 1 Hour

- 1. Characterize the odor to determine which Offensiveness table to use (Not Unpleasant to Highly Offensive)
- 2. Assess the Intensity of odor (Very Light to Very Strong), for variable intensities use Supplemental Investigator's Odor Intensity Time Log.
- 3. Determine the total Duration of the odor(s) (1 minute to 24 hours)
- 4. Evaluate the Frequency of odor occurrence (Single Occurrence to Daily)
- 5. Identify the block on the chart that corresponds to the information from Steps 1-4 and determine if a nuisance condition exists.

		lor	nittent?	C	Weathe onditio	er ons	Ode	or Cha	racte	ristic		Odo	r Inte	ensity		Effects/Comments/Concerns
Date	Time(s)	How long did the odor occur?	Was the odor intermittent? (Y/N)	Wind direction	Rain (Y/N)	Temperature (°F)	Not Unpleasant	Unpleasant	Offensive	Highly Offensive	Very Light	Light	Moderate	Strong	Very Strong	
ulobe	11:47			NAO	P	89°		PΞ	1			-	1			
	12:47m	1		NA	0	39										dial, distribution
			Sin 1		- 10					power.		April 5	A (197)	*		A ₁
Pag	Air															
e 6	CCO															ì
6	Air Account NO:		in E													1
	O: Ype															
2,	2															
2	-05	2												-		
	-0536-E									11						

TOAVIS CAY

Supplemental Investigator's Odor Intensity Time Log

te of Inv	vestigation: 14/1	St	art Time:	- CONO 0.5-2
Minutes	Odor Intensity VL, L, M, S,VS		Minutes	Odor Intensity VI., L., M., S, VS
ı min	Mo]	31 min	N/0
2	N/0		32	N/b
3	N/O		33	No
4	N/O .		34	1/0
5	N/D	1	35	YL
6 .	arlo	1	36	- V6
7	n/h		37	· VL
8	N/10	1	38	VL
9 .	N/6		39	NO
10	Mo :	3.	40	110
11 .	1/0		41	1/0
12	Mo	1	42 :	ar/o
13	N/o		43	w/o
14	N/o -		44	NO
15	Mo	E.	45	1/0
16	1/0	jr .	46	N/O
17	W/o		47	N/O
18	ado		48	N/o
19	N/D		49	NO
20 ,	10/0	3	50	n/lo
21	ado	4	51	NO
22	NO	1.0	52	N/0
23	0/0	F	53	0/0
24	Mo	1	54	No
25	No		55	: nr/0
26	1/0	4	56	ach
27	10	1	57	Investigation Type: [CMPL
28	NO	1	58	AIT ACCOUNT NO: FG+0.536
29	10/0	1	59	Attachment: 2
30	1.00		60	W/o Page 7 ut 22
ffensiven	ess: Highly Offensive	Un	pleasant	Not Unpleasant
eighted Av	erage Intensity:		- 10	
Min	VS S M		L	VL - No Odor
o Min	10.1			
Hour				

- 1. Characterize the odor to determine which Offensiveness table to use (Not Unpleasant to Highly Offensive)
- 2. Assess the Intensity of odor (Very Light to Very Strong), for variable intensities use Supplemental Investigator's Odor Intensity Time Log.
- 3. Determine the total Duration of the odor(s) (1 minute to 24 hours)
- 4. Evaluate the Frequency of odor occurrence (Single Occurrence to Daily)
- 5. Identify the block on the chart that corresponds to the information from Steps 1-4 and determine if a nuisance condition exists.

		lor	aittent?	C	Weathe onditio	er ons	Odo	or Cha	racte	ristic		Odo	r Inte	ensity	41	Effects/Con	mments/Concerns
Date /2/!!	Time(s) 0005 - 0105	How long did the odor	Was the odor intermittent?	Wind direction	Rain (Y/N)	Temperature (°F) $\mu U^{\partial} \mathcal{E}$	Not Unpleasant	Unpleasant	Offensive	Highly Offensive	Very Light	Light	Moderate	Strong	Very Strong	No Odors	deket e t
Page U	Attachment:	Investigation Type:					- 4					ligar d					
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vom a disch	690556890	A DAS USAY	DID
CRYTHANDEN SUP			29.58082277 or Intensity Time Log
1/		stigator's Odo	or Intensity Time Log
Date of Investigation:	12/11/18	Start Time: <u>\</u>	1.55am

Minutes	Odor Intensity VL, L, M, S,VS
min	NA
	NA
3.30	NA
	AN
	NA -
	NA
6	NA
,	NA
3	NA
,	MA
0	NA
	NA
	NA
3	NA
	NA
i	NA
	M
,	NA
3	NA'
	NA
	NA

1 Hour

Minutes	Odor Intensity VL, L, M, S, VS	3.4
31 min	NA	
32	NA	
33	NA	
34	NA	
35	N-A	
36	AN	
37	N 14	
38	A 10	
39	NCK.	
	NA	
40	AIA	
41	NA	1
42	N/A	
43	XIX	
44	NIA	1
45	ALTA.	1
46	N/A	
47	NI IV	
48	ΔIA	-
49	472	1
50	NA	
51	ALA	-
52	170	
53	NA 119	-
54	130	
55	141	-
56	Investigation Type:_	MPL
57	Air Account NO: FG	-0536-E
58	Attachment:	12
59	Page 0 0	22
60	1ALI LOGG	

Offensiven	ess: Highly	Offensive	Unplea	sant	Not Unpleasant			
Weighted Av	erage Intensity:		4.1			The same		
1,100	VS	S	M	L	VL -	No Odor		
1 Min		- m- 1		0.00				
10 Min			The second section is					

gurbage odor

- 1. Characterize the odor to determine which Offensiveness table to use (Not Unpleasant to Highly Offensive)
- 2. Assess the Intensity of odor (Very Light to Very Strong), for variable intensities use Supplemental Investigator's Odor Intensity Time Log.
- 3. Determine the total Duration of the odor(s) (1 minute to 24 hours)
- 4. Evaluate the Frequency of odor occurrence (Single Occurrence to Daily)
- 5. Identify the block on the chart that corresponds to the information from Steps 1-4 and determine if a nuisance condition exists.

lor		dor mittent?	Weather Conditions			Odor Characteristic			Odor Intensity					Effects/Comments/Concerns	
Time(s)	How long did the od occur?	Was the odor intern (Y/N)	2 Wind direction	2 Rain (Y/N)	Temperature (°F)	Not Unpleasant	Unpleasant	Offensive	Highly Offensive	Very Light	Light	Moderate	Strong	Very Strong	A
Air	Inv											F			
Account NO	stigation T														
	0														
0536-E	A.) 1 S.					
	Air Account ND: FG-0536-	Air Account NO: EG-0536	Investigation Type: CMPL Air Account No: E6-0536	Investigation Type: CMPL Air Account ND: FG-0536-	2 Investigation Type: CMPL Air Account NO: FG-0536-	2 Investigation Type: CMPL Air Account No: EG-0536	Air Account No: EG-0536	Air Account No: FG-0536	Air Account No: EG-0536	Air Account No: EG-8536	Nir Account No: EG-0536	Investigation Type: CAPL Air Account NO: E6-0536-	Investigation Type: UNP. Air Account NO: Fig-9536	Note that the count NO: Fig-536	Transitigation Type: CMPL Attractor to Complete CMPL Attractor to CMPL Attrac

29.5815716

-95.4609316

Supplemental mves	ugator a Odor Intensity Time Log
Investigator: Pavid Browssand	Location: Amy Ridge + Lazy Ridge Start Time: 101:35
Investigator: David Browsbard Date of Investigation: 12/16/18	Start Time: Start Time: / 10 01:35

Minutes	Odor Intensity VL, L, M, S,VS	Minutes	Odor Intensity VL, L, M, S, VS
1 min	0	31 min	0
2	Q	32	9
3	0	33	0
4	0	34	Ď
5	D	35	Q
6	8	36	Ö
7	0	37	0
8	0	38	Q
9	0	39	0
10	0	40	0
11	O	41	0
12	0	42	0
13	0	43	0
14	0	44	0
15	D	45	0
16	0	46	9
17	0	47	0
18	0	48	0
19	0	49	D
20	0	50	0
21	Ö	51	0
22	۵	52	Ď
23	0	53	0
24	0	54	0
25	0	55	0
26	O Investigation	Type: 56 CMPL	0
27			BE O
28	Air Account No Attachment:	2 58	0
29	O Page II	of 59 12	- 0
30	0	60	9

Odor Description:	Noodor		- A.	
Offensiveness: Highly	Offensive	Unpleasant	Not Unpleasant	

	L VS	S	M	L	VL	No Odor
1 Min						X
10 Min						X
1 Hour						X

Arrived @ 01:33 Reported @ 02:37

Blank

Investig	ation Type: <u>CMPL</u>	1
Air Acco	unt NO: FG-0536-E	
Attachm	ent:	
Page	12 of 22	

Supplemental Investigator's Odor Intensity Time Log

Investigator: Divid Brussed Location: Horzen Vise & Swift Creek

Date of Investigation: 12/16/18 Start Time: 02:45 Minutes Odor Intensity VL, L, M, S, VS Odor Intensity VL, L, M, S, VS Minutes O 31 min 1 min O D Investigation Type: CMP Air Account NO: FGI-05 Attachment: Page 13 Odor Description:

Offensiv	eness: Hig	ghly	Offensive	Unpleasant	Not U	npleasant /
Veighted	Average Int	ensity:	M	L	VL	No Odor
1 Min						X
10 Min						X
1 Hour	1				-	X

Armed @ 02:43 Deputed @ 03:46 Blank

Investig	gation Ty	pe: CMPL
Air Acco	unt NO:	FG-0536-E
Attachn		2
Page	14	of 22

-95,4264194

Supplemental Investigator's Odor Intensity Time Log

Location: Virtage Park + Shadow Ridge

Stigation: Mytage 17/16/18 Start Time: 04:20 Investigator: Down Course A Date of Investigation: Odor Intensity VL, L, M, S, VS Odor Intensity VL, L, M, S, VS Minutes Minutes 31 min 1 min O O VL VI VL VI S VL Investigation Type: 17 - --Air Account NO: FG-0536-E 25 5 Attachment: Page 15 14 of 59 77 O Garbage Odor Odor Description: ___ Offensive X Unpleasant Not Unpleasant Offensiveness: Highly_ Weighted Average Intensity: No Odor VS M VL 1 Min × 10 Min 1 Hour

Arrived @ 04:19 Reported @ 04:05:21 Blank

Investi	gation 1	Type: LMPL
Air Acc	ount NO	: FG-0536-E
	ment:	
Page	16	of 22

Supplemental Investigator's Odor Intensity Time Log

Investigator: Nicoling Frais 14	Location: Amy Ridge Rd. \$ 5. Lazy Ridge D.
Date of Investigation: 12/16/2018	Start Time: /:35 a.m.

Minutes	Odor Intensity VI., L, M, S,VS		Minutes	Odor Intensity VL, L, M, S, VS
ımin			31 min	
2	A-1		32	
3	~		33	4
4	•		34	•
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6		.0	36	
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20	30.	25	50	4
21	•	21	51	
22	-	9	52	
23	-		53	
24			54	
25				15 15
26	Investigation	Type:	-CMPL	
27	- Air Account N	0:_F(1505361	-
28	 Attachment: 	2		
29	- Page 17		f ₅₀ 22	
30	-		60	_

Odor Description: None detacted

Offensiveness: Highly_____ Offensive _____ Unpleasant _____ Not Unpleasant _____

Weighted Average Intensity:

	VS	S	M	L	VL	No Odor
ı Min						
10 Min						
1 Hour		(1)				

- 1. Characterize the odor to determine which Offensiveness table to use (Not Unpleasant to Highly Offensive)
- 2. Assess the Intensity of odor (Very Light to Very Strong), for variable intensities use Supplemental Investigator's Odor Intensity Time Log.

14

- 3. Determine the total Duration of the odor(s) (1 minute to 24 hours)
- 4. Evaluate the Frequency of odor occurrence (Single Occurrence to Daily)
- 5. Identify the block on the chart that corresponds to the information from Steps 1-4 and determine if a nuisance condition exists.

		or	nittent?	C	Weath	er ons	Odd	or Cha	aracte	ristic		Odo	r Inte	ensity		Effects/Comments/Concerns
Date	Time(s)	How long did the odor	Was the odor intermittent? (Y/N)	Wind direction	Rain (Y/N)	Temperature (°F)	Not Unpleasant	Unpleasant	Offensive	Highly Offensive	Very Light	Light	Moderate	Strong	Very Strong	
Investigation Type:																
6: CMPL																

Supplemental Investigator's Odor Intensity Time Log

Minutes	Odor Intensity VI., L, M, S,VS		Minutes	Odor Intensity VL, L, M, S, VS
ı min			31 min	
2	-		32	
3	_		33	2
4	2		34	
5	÷ -		25	
6		25	36	
7	~		37	
8	- 44		38	VL
9	=		39	VL
10		T A	40	М
11	=	90	41	M
12			42	VL
13			43	VL
14		vi i	44	VL
15		٦,	45	
16	<u> </u>	75	46) 4)
17	7 to 1		47	-
18	٠	1	48	4
19	<u>.</u>		49	(-
20			50	
21		40	51	
22			52	
23	-		53	VL
24	-		54	5.
25		45	55	-115,5% (Late
26	- 1	1	56	
27			57	
28	- Investigation	Type:	58 CM PI	
29	Air Account N	0: FG	Q536E	<u> </u>
30	- Attachment:	12	60	
	Page 14	tip of the last	12	

10 Min 1 Hour

- 1. Characterize the odor to determine which Offensiveness table to use (Not Unpleasant to Highly Offensive)
- 2. Assess the Intensity of odor (Very Light to Very Strong), for variable intensities use Supplemental Investigator's Odor Intensity Time Log.
- 3. Determine the total Duration of the odor(s) (1 minute to 24 hours)
- 4. Evaluate the Frequency of odor occurrence (Single Occurrence to Daily)
- 5. Identify the block on the chart that corresponds to the information from Steps 1-4 and determine if a nuisance condition exists.

		lor	Weather Conditions		Ode	or Cha	aracte	ristic		Odo	r Inte	ensity		Effects/Comments/Concerns		
Date	Time(s)	How long did the odor occur?	Was the odor intermittent? (Y/N)	Wind direction	Rain (Y/N)	Temperature (° F)	Not Unpleasant	Unpleasant	Offensive	Highly Offensive	Very Light	Light	Moderate	Strong	Very Strong	
		Page 20	Alf Account NO:	Investigation		,										
		OF 122	12													

Supplemental Investigator's Odor Intensity Time Log Investigator: Nicolina Fraietta Location: Regal Park Lane by pond.

Date of Investigation: 12/16/2018 Start Time: 4:25 a.m. Odor Intensity VL, L, M, S, VS Minutes Odor Intensity VL, L, M, S, VS Minutes 4:25 1 min 31 min 32 33 34 35 70 36 37 39 40 10 05 35 41 42 44 45 40 46 16 48 49 19 20 50 15 45 21 51 22 24 25 50 Investigation Type: 26 Air Account NO Attachment: of 59 2-7 Page 21 defected, No odors Odor Description: _ Offensiveness: Highly Offensive Unpleasant Not Unpleasant Weighted Average Intensity: No Odor M VL VS L 1 Min 10 Min 1 Hour

- 1. Characterize the odor to determine which Offensiveness table to use (Not Unpleasant to Highly Offensive)
- 2. Assess the Intensity of odor (Very Light to Very Strong), for variable intensities use Supplemental Investigator's Odor Intensity Time Log.
- 3. Determine the total Duration of the odor(s) (1 minute to 24 hours)
- 4. Evaluate the Frequency of odor occurrence (Single Occurrence to Daily)
- 5. Identify the block on the chart that corresponds to the information from Steps 1-4 and determine if a nuisance condition exists.

		or	ittent?	C	Weath Condition	er ons	Ode	or Cha	aracte	ristic		Odo	r Inte	ensity		Effects/Comments/Concerns
Date	Time(s)	How long did the odor occur?	Was the odor intermittent? (Y/N)	Wind direction	Rain (Y/N)	Temperature (°F)	Not Unpleasant	Unpleasant	Offensive	Highly Offensive	Very Light	Light	Moderate	Strong	Very Strong	
Investigation Type: CMPL			- A-1-2													
011-E																

Attachment 3
Exit Interview
Blue Ridge Landfill
RN102610102
Permit O-1472
Pages 1

a 1_ + _

Regula	ited Entity	Site Name	Blue Rid	ige Lan	dfill				TCEQ Add. ID No. RN No (optional)	RN102610102		
Investi	gation Typ	ie	CMPL	Con	tact Made In-House (Y/N)	Y	Purpose of Invest	igation	Complaint Investigation	n		
Regula	ted Entity	Contact	Mr. Burg	gess Ste	engl, Environmental Manager		Telephone No.		713-676-7669	Date Contacted	1/4/2019	
	Ġ.						FAX #/Email add	ress		FAX/Email date		
elated to	violations. An	v potential or alleg	ed violations d	liscovere	ovide clarity to issues that have arisen d d after the date on this form will be come s discovered (if any) during the course of	nmunicated	d to the regulated entity re-	presentative	prior to the issuance of a notice	d above and does not repres of violation or enforcement.	ent final TCEQ Conclusions d	findings rawn from th
	Issue	For Record	s Request,	identif	y the necessary records, the co	ompany	contact and date d	ue to the	agency. For Alleged and	l Potential Violation	issues, incl	ude the
No.	Type ¹	Rule Cita	tion (if kno	wn)				Descript	tion of Issue	My par v	n ⁽¹⁾	
1	RR			30 X 10 Y 1	Please provide a copy of the	he 12/8/	/18 through 1/4/20	19 MSW	and Class 1 Non-Haza	rdous Cover Applica	ation Logs.	
2	RR				Please provide a copy of the	he 12/8/	/18 through 1/4/20	19 flare l	ogs.			
3	RR				Please provide a description	on of the	e landfill operating	status fo	or 12/8/18 through 1/4/2	2019. Please include	informati	on
					for any power outages, up	sets, spi	ills, malfunctions,	and down	ntime of the gas collect	ion and control syste	em during t	this time.
4	RR				Please provide a copy of o	dor con	nplaints received for	or 12/8/1	8 through 1/4/2019.			
5	RR				Please provide a copy of o	dor sur	veys conducted for	12/8/18	through 1/4/2019.			
6	RR				Please provide a copy of the	he most	recent notification	of sched	duled dates of surface e	missions monitoring	<u>,</u>	
					Response Due Da							
200	CALCOTO TABLE		State of the state		ed Violation), PV (Potential Viola named above operating with		The second secon	rds Reque	Yes	ΞNo		
		at at	14,41	1100	y representative that continu			ized?	□ Yes	E No		
-14		, wy 3, 1 m 1 1 2 5			y	va opsi	and, is not assure.					
Docum	nent Acknow	vledgment. Sig	nature on thi	s docun	nent establishes only that the regul nt via FAX or Email to RE; therefo	ated entit	ty (RE) representative in	received a	copy of this document and a	ssociated continuation p	ages on the d	late noted.
		,		10, 57 751		1/4/20	- T	-				
		Investigato	r Name (Si	igned &	&Printed)	Da	te Reg	gulated E	ntity Representative Na	me (Signed & Printed	1)	Date
Please co White C	ntact the agen	cy's public inform	ation officer w		rm, please contact your local TClequests, questions, or comments on acc			2-239-0800.	Investigati	on Type: <u>CMR</u> : NO: E(2505, t: 3	310-E	• p of1_

Attachment 4

Information Provided by Blue Ridge Landfill Blue Ridge Landfill

RN102610102

Permit O-1472

Pages 95



January 15, 2019

Ms. Karina Rocha Water Section Assistant Manager Texas Commission on Environmental Quality Houston Region 12 Office 5425 Polk St., Suite H, Houston, TX 77023

Dear Ms. Rocha,

Please find attached the Record Request (RR) information for the Blue Ridge Landfill.

If there is additional information needed, please feel free to reach out at the 713-726-7506 (office) or 281-222-8251 (cell).

Sincerely,

Scott A. Trebus, P.E.

Area Environmental Manager

Cc: Mark Meadows, Blue Ridge Landfill

Investigation Type: CMPL Air Account NO.: FG-0536-E

Attachment: 4

Page . . of 95

COVER APPLICATION LOG

CREPUBLIC.

MSW

		Landi Cuty Con				Spray-Or			Elevation MSSL	Date of Date Comm*	Emelon or Leachele Seep Descard	Lescher	Aciton*	Scal Saccipio Required ((d ²)	Rah (notes)	Rah (hohes) a 0.5**		17 50				Per Final Co		ð/	Case of Internacional A Final Comm*	Ession 24" Detected	Date Equitor Corrected	Connective Action ⁴	Firei Cover Certification Report Reference	Supervisor Signature
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Investigation Type: CMPL
Alr Account NO. : FG-0536-E
Attachment: 4
Page. 2. of 95

T . Thickness to inches

Methods: A = Tyrp Machine, B = Soil by Heavy Equipment, S = Spray-On Impact areas with daily cover or alternate dealy cover each day to reach day to alle is in operation and areas with intermediate and final cover wealify or within 72 hours of a rainfall exent of 0.5" or none. Impact all areas in accordance with Six Operating Plan Section 4.18. Additional Ensign of daily cover must be corrected within 24 hours after the area is accordance within 5 days, ettach documentation starting. Corrective Action: R . Restoring cover material; G . Grading, M . Compacting; S a Sending

SOP Section 7.74 requires a soil disciplie to be maintained within 1,000 ft of the working lace. The mount of soil required is dependent upon the reasonom adopted size of the working lace. A 50 ye⁴ soil stockpile is required within 100th of the Regulated Aubstin-Containing Signature contributes work accomplished as stated in the Cover Application Log.

Record + Carlot To across Rus a varies Place III. TOP Deck Ma DO 13-45 + 48-48/10-51	
Record sould to before almost a readone was the It soil store wix/ 27-40	
Godel TO ROBHA EROSIMS PHONETT NIAL SLOPE DD-11/52-56	
Geoded to promin EROSIONS PHASE III SOUTH Slope KK-TT/35-42	
Graded to letern generals there II workshope KK-11/48-51	
CARALD TO REPORT GROSIOUS Place TIE MORTH SLOPE I-T/48-56	
SANDED TO PERMA EARSING PLANETT WORTH SLOPE T- EF /49-56	
MATERIAL PROPERTY AND ADDRESS OF THE PARTY AND	
and TO REPARE CROSSIONS PROGET CONTA SCORE C-S/M-44+ PHOST DOST SLOPE D-1/MM	
Gentled TO RAME SERVICES Phose II HOUR SCORE M- 1/25-73	
The party lies to man spr in 1/2/2	
would to Repair spores thre TI som some 1- T/35-42	
Spendal TO REPAIR SPORTS PROSECT CONTAINS SINCE T-CL/35-42	
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	# 0 4
	Inves Air Ar Attao
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Homiyen Decemen 2018

nvestigation Type: CMPL

4

Attachment:

COVER APPLICATION LOG CLASS I NON HAZARDOUS

Camman in Rive Ridge LandRII, MRW-1505A

Describe Described & Final Comm 24 -Samuel Toronto AMIT' GHIARD T' Method AMIT' GHIARD T' Mate AMIT' GOLANS T' MATTON AMIT' GOLANS T' MATTON -3 500 6-29 6' -450 6-29 L" 5 500 7-30 6" B 43 0 600 E.30 6" B -46 7 90 2.30 6" B 49 10 SOO T-30 6" B V 11500 C-30 4 8 55' 12 SOD J-31 6" B 13 500 7-31 6" B 46' 14 500 5.3/ 60 2 49' 17500 5-316" 3 1/ 1050 5-316 5 55 ~ 10 500 5-31 6 3 20 500 5-31 6"3 V 21 900 5-32 64 B 41 24 500 5-32 6" B 44 28 600 5-32 6" 8 -47 27 500 J-32 6" B 00 20 500 5.32 6" 53 . Air Account NO.: FG-0536-E 31 500 J-32 6" B - 56

AMT = Amount of cover (soil) in yof or alternate daily cover in begs or turp area

T = Thickness in inches

Methods: A = Tarp Machine, B = Soil by Heavy Equipment, B = Spray-On

Inspect areas, with delily cover or allumina delily cover each day the site is in operation and ereas with intermedical and timal cover weekly or notific 72 hours of a minfall event of 0.5" or more. Inspect all seaso in scootlands with Size Operating Plan Section 4.16. Additions Emplors of daily cores must be corrected within 24 hours after the area is economicle. Eroston of intermediate or final cover must be corrected within 5 days of detection unless approved by TCEQ Regional Office. If not corrected within 5 days, effects discover must be corrected within 5 days of detection unless approved by TCEQ Regional Office. If not corrected within 5 days, effects discover must be corrected within 5 days. Corrective Action: R = Researing cover material: G = Greding, M = Compacting; S = Seeding

SOP Section 7.74 requires a soil stockpile to be maintained within 1,000 ft of the feathing face. The mount of soil required is dependent upon the machine date of the working face. A 50 ye⁸ soil stockpile is required within 1,000 ft of the Regulated Absests-Content Signature certifies work accomplished as stated in the Cover Application Log.

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			Investigation Type: CMPL Air Account NO.: FG-0536-E Attachment: 4 Page
			Air Acc Attach Page
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	Daily Co			App	Spray-On o		OVET	Elevation MSL	Impector Outs of Cally Cover	Erosion or Leachine Seep Detected	Date Erosion or Leachete Seep Corrected	Corrective Action ¹	Stockplan Stockplan Required (yd ²)	Rain (inches)	Rain (inches) a 0.5"		Memodian		H		First Co			Inspection Date of Intermediate & Final Cover*	Erosion 3 4" Denocard	MSW Data Eroston Corrected	Corrective Action ⁸	Final Cover Certification Report Reference	Supervisor Signature
AMT' C	Gnd Arts	T'	Method ³	AMT'	Grid Area	T2	Listros	15	veltapeend	49Yes	l halve	25.5	1212	JE	s/wYgra	AST!	Cirit Area	7	Metrod	AMT'	Gree Area	T ²	Methos	eletrapected	4#YRS	15.5			Tarata san
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T . Thickness in inches

14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

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REPUBLIC

CLASS 1 MONTH / YOUR VANAM 2019 Blue Ridge Landfill, MSW-1505A Piral Cover Certification Resu Reference Annual Alternate Date Con-Leacher Seep Detected Data of Calls (inches A Frui Spray-On or Targe 12'504 One Cast Cine on Pass AMT' Got Are T' Method' AMT' Got Area T' Method' AUT Granes To Method AMT Granes To Method intropeded inter visinspected visites 1/2 The 2 500 5-32 6" 60' 3 500 K-32 6" B 43 ~ 4 500 K-32 6" D 46 7500 111 20 3 4-37 49' 1 10 12 15 17 18

AMT = Amount of cover (soil) in yd or alternate daily cover in bags or larg area

31

Inspect areas with dealy cover or alternate daily cover each day the size is in operation and areas with intermediate and final cover weekly or within 72 hours of a validial event of 0.5° or more. Inspect all areas in accordance with 5te Operating Plan Section 4.16. Additional documentation are Erosion of daily cover must be corrected within 24 hours after the area is accessible. Erosion of instrumediate or final cover must be corrected within 5 days of detection unless approved by TCEQ Regional Office. If not corrected within 5 days, attach documentation starting reasons for debty.

Corrective Action R = Restoring cover material, G = Greding M = Compacting: S > Seeding

SOP Section 7.74 requires a soil stockpile to be maintained within 1,000 ft of the working face. The mount of soil required is dependent upon the maximum sticipated size of the working face. A 50 yo³ soil stockpile is required within 1,000 ft of the Regulated Asbesto-Containing Material (RACA Signature certifies work accomplished as stated in the Cover Application Log

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T = Thickness in inches

Methods A = Terp Machine, B = Soil by Heavy Equipment, S = Spray-On

26 27 26 29 30

Investigation Type: CMPL
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= closed

Flare Operations

		Fla	re #1	Fla	re #2	Month / Year: December
Date	Time	Smoking*	Not Smoking	Smoking*	Not Smoking	
1	10:00		~		~	Rost
2						1.7 3.7
3	11:00		1		V	Real
4	15:00					and
5	16:30		/		/	and
6	17:00		1		/	T.
7	14:00		/		V	2
8	11100				V	de
9						
10	15:00		/		~	della
11	14:30		V		1	Dut
12	14:20		1		1	
13	10:50		V		/	Les
14	12:15		1		V	40
15	11:30		V		-	Rugions
16						
17	14:00		1		V	an
18	12:00		1		1	Level
19	15:30		V		V	A TA
20	13:30		/		V	July
21	13:15		1		V	X
22	11:10		1			1
23						
24	13:30		~		~	2
25		S- =				
26	10:30		1		V	The
27	13:45		V		r	du
28	1112		V		V	1
29	10:30		-		V	1
30						
31	11:55	-	V		V	-

* If smoking detected, contact Environmental Manager.

Rule Citation: 30 TAC §111.111(a)(4)(A)(ii)

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Flare Operations

	- 1	Fla	re #1	Fla	re #2	Month / Year. JANWAY 208
Date	Time	Smoking*	Not Smoking	Smoking*	Not Smoking	Signature
1						
2	15:10		V		V	No.
3	14:00		V		V	de
4	15:00		V		V	4
5	12:05	1	V		~	30
6						
7	11:30		V		V	KI
8	13:30		V		V	Time .
9	14:30		/		V	0
10	11:00		V		1	Que de la companya della companya della companya de la companya della companya de
11	13:15		V		r	Rus
12	11:00		1		-	Rest
13						
14	14:00		V		r	and
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16						
17						
18						
19						
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21				V.		
22						
23						
24						
25						
26						
27						
28	3					1
29	3				1115	
30)				1/1 = 1	
3		etected, conta			1	Investigation Type: CMPL Air Account NO. : FG-0536-

Rule Citation: 30 TAC §111.111(a)(4)(A)(ii)

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Date	Enclosed Flare (SCFM)	Rental Candlestick Flare (SCFM)	South Utility Candlestick Flare (SCFM)	Gas Plant (SCFM)	Total Flow (SCFM)
12/8/2018	0.00	1111.50	1279.08	4782.30	7172.88
12/9/2018	0.00	1184.46	1035.12	5566.62	7786.20
12/10/2018	0.00	1162.80	1183.32	5484.54	7830.66
12/11/2018	0.00	1214.10	1267.68	5551.80	8033.58
12/12/2018	0.00	539.22	1154.82	5429.82	7123.86
12/13/2018	0.00	0.00	1181.04	5874.42	7055.46
12/14/2018	0.00	0.00	906.30	5874.42	6780.72
12/15/2018	0.00	0.00	909.72	5793.48	6703.20
12/16/2018	0.00	0.00	912.00	5844.78	6756.78
12/17/2018	0,00	0.00	1267.68	6259.74	7527.42
12/18/2018	0.00	0.00	1192.44	6356.64	7549.08
12/19/2018	0.00	0.00	1217.52	6443.28	7650.80
12/20/2018	0.00	0.00	1455.78	7661.94	9117.72
12/21/2018	0.00	0.00	1238.04	5997.54	7235.58
12/22/2018	0.00	0.00	1459.20	6200.46	7659.66
12/23/2018	0.00	0.00	1218.66	6564.12	7782.78
12/24/2018	0.00	0.00	1346.34	6349.80	7696.14
12/25/2018	0.00	0.00	1232.34	6046.56	7278.90
12/26/2018	0.00	0.00	1395.36	7520.58	8915.94
12/27/2018	0.00	0.00	1141.14	7444.20	8585.34
12/28/2018	0.00	0.00	1329.24	7219.62	8548.86
12/29/2018	0.00	0.00	1373.70	7272.06	8645.76
12/30/2018	0.00	0.00	1202.70	7275.48	8478.18
12/31/2018	0.00	0.00	1254.00	7099.92	8353.92
1/1/2019	0.00	0.00	1287.06	7103.34	8390.40
1/2/2019	0.00	0,00	1293.90	7400.88	8694.78
1/3/2019	0.00	0.00	1192.44	7862.58	9055.02
1/4/2019	0.00	0.00	1325.82	7227.60	8553.42

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The Blue Ridge Landfill maintained normal working/operating hours for waste acceptance (Monday – Friday from 4AM – 5PM and Saturday from 5:30AM – Noon) for the period between December 8, 2018 – January 4, 2019.

The only exceptions to operating within this timeframe occurred on December 31, 2018 when the site ceased accepting waste at 4PM and Christmas Day & New Year's Day when the site was closed. The site experienced a power outage on Tuesday December 11, 2018, however vacuum to the well field was not affected in any way.

Investigation Type: CMPL Air Account NO. : FG-0536-E

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REPUBLIC SERVICES

Odor Complaint Form

To be completed when a complaint is received from the community through the 24-hour hot-line/message line

Complaint Information

Date received: 01/02/2019 Time received: 10:51 Received by: Amy Kubinski

Caller's Contact Information

Name: Judy Cobb

Date and time detected: 12/27/2018 22:30

Address: Shadow Creek Ranch, Pearland, TX 77584, USA

Location: 29.5552801189°N, 95.4234586329°W

Email:

Odor Description

Type of odor: Intensity: 5

Duration: None provided

Other notes: The complainant reported an odor via email on the evening of 12/27/18. No odor description was given, but an intensity of 5 out of 10 was given. The complainant stated the odor burns her eyes and nose.

Weather Conditions at the Time Odors were Detected

Reporting station: KAXH Wind speed: 0.0 mph Wind direction:

Temperature: 52.0°F
Pressure: 29.91 mm
Humidity: 97.0%
Precipitation: 0.0 in
Conditions: Clear

Was a complaint regarding an odor within 100 feet of this location received within the past 12 months?

Follow-up

What was the follow-up method?

Email

When was the follow-up contact made?

01/04/2019 15:58

Who made the contact?

Chance Seely

What issues were discussed in the follow-up?

In the follow-up email to the complainant, we stated that an investigation was conducted at the given location. We stated there were offsite odors at the time of the complaint and corrective actions were taken.

Findings and conclusion of the odor investigation:

During the follow-up investigation at the provided location, no odors were found associated with BRLF.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action BRLF ensured all odor neutralizing systems were functioning and in operation. The working face was assessed for adequate odor system coverage and the portable odor neutralizing misters were positioned according to wind direction.

Investigation Type: CMPL Air Account NO. : FG-0536-E

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To be completed when a complaint is received and needs to be investigated or landfill odors are detected by site personnel

Date: 01/02/2019

Complainant: Judy Cobb

Time: 13:31

Complaint date: 12/27/2018

Investigator: Amy Kubinski

Location: 29.5598730969°N, 95.4373614422°W

Reading	Date and Time	Odor Intensity ^{1, 2}	Odor Descriptors ³	Weather
Initial	01/02/2019 13:31	No reading		Reporting station: KAXH Wind speed: 5.8 mph Wind direction: NINE Humidity: 99.0% Temperature: 50.2°F Precipitation: 0.02 in Pressure: 30.04 mm Conditions: Rain

Using Nasal Ranger to determine intensity ratio value

³Using the standardized terminology outlined in Appendix 7

Findings and conclusion of the odor investigation:

During the follow-up investigation at the provided location, no odors were found associated with BRLF.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action BRLF ensured all odor neutralizing systems were functioning and in operation. The working face was assessed for adequate odor system coverage and the portable odor neutralizing misters were positioned according to wind direction.

> Investigation Type: CMPL Air Account NO. : FG-0536-E

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If the Intensity is at 7 or greater using the Nasal Ranger, corrective action is initiated and the location is remonitored

REPUBLIC SERVICES

Odor Complaint Form

To be completed when a complaint is received from the community through the 24-hour hot-line/message line

Complaint Information

Date received: 01/02/2019 Time received: 10:58 Received by: Amy Kubinski

Caller's Contact Information

Name: Sheila Fischer

Date and time detected: 12/28/2018 10:10

Address: 2701 Catalina Shores Dr. Pearland, TX 77584, USA

Location: 29.5612647°N, 95.4097042°W

Email:

Odor Description

Type of odor: Garbage 506

Intensity: 4

Duration: None provided

Other notes: The complainant reported an odor via email on the morning of 12/28/18. The odor was described as a garbage smell that 'comes and goes with the breezy conditions'.

Weather Conditions at the Time Odors were Detected

Reporting station: KAXH
Wind speed: 6.9 mph
Wind direction: NINE
Temperature: 49.1°F
Pressure: 30.07 mm
Humidity: 72.0%
Precipitation: 0.0 in
Conditions: Mostly Cloudy

Was a complaint regarding an odor within 100 feet of this location received within the past 12 months?

No

Follow-up

What was the follow-up method?

Email

When was the follow-up contact made?

01/04/2019 15:45

Who made the contact?

Chance Seely

What issues were discussed in the follow-up?

In the follow-up email to the complainant, we confirmed we received the complaint, and that an odor investigation was conducted and no odors were detected at that time. Findings and conclusion of the odor investigation:

During the follow-up investigation at the provided location, no odors were found associated with BRLF.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action BRLF ensured all odor neutralizing systems were functioning and in operation. The working face was assessed for adequate odor system coverage and the portable odor neutralizing misters were positioned according to wind direction.

Investigation Type: CMPL Air Account NO. : FG-0536-E

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To be completed when a complaint is received and needs to be investigated or landfill odors are detected by site personnel

Date: 01/02/2019

Time: 13:25

Complainant: Sheila Fischer

Complaint date: 12/28/2018

Investigator, Amy Kubinski

Location: 29.5612370939°N, 95.4096576487°W

Reading	Date and Time	Odor Intensity ^{1, 2}	Odor Descriptors ³	Weather
Initial	01/02/2019 13:25	No reading		Reporting station: KAXH Wind speed: 5.8 mph Wind direction: NNE Humidity: 99.0% Temperature: 50.2°F Precipitation: 0.02 in Pressure: 30.04 mm Conditions: Rain

Findings and conclusion of the odor investigation:

During the follow-up investigation at the provided location, no odors were found associated with BRLF.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action BRLF ensured all odor neutralizing systems were functioning and in operation. The working face was assessed for adequate odor system coverage and the portable odor neutralizing misters were positioned according to wind direction.

> Investigation Type: CMPL Air Account NO.: FG-0536-E

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¹Using Nasal Ranger to determine intensity ratio value
² If the Intensity is at 7 or greater using the Nasal Ranger, corrective action is initiated and the location is remonitored

³Using the standardized terminology outlined in Appendix 7

Odor Complaint Form



To be completed when a complaint is received from the community through the 24-hour hot-line/message line

Complaint Information

Date received: 01/02/2019 Time received: 11:07 Received by: Amy Kubinski

Caller's Contact Information

Name: Othmane Guillouli

Date and time detected: 12/27/2018 17:00

Address: 14013 Ginger Cove Ct, Pearland, TX 77584, USA

Location: 29.5621615°N, 95.4386773°W

Email:

Odor Description

Type of odor: Garbage 506

Intensity: 10

Duration: 12 hours+

Other notes: The complainant reported an odor via email the evening of 12/27/18. The odor was described as a "filthy garbage smell", and was given a 10 out of 10.

Weather Conditions at the Time Odors were Detected

Reporting station: KAXH Wind speed: 0.0 mph Wind direction:

Temperature: 68.2°F Pressure: 29.81 mm Humidity: 51.0% Precipitation: 0.0 in Conditions: Overcast

Was a complaint regarding an odor within 100 feet of this location received within the past 12 months?

Follow-up

What was the follow-up method?

Email.

When was the follow-up contact made?

01/04/2019 15:50 Who made the contact?

Chance Seely

What issues were discussed in the follow-up?

In the follow-up email to the complainant we stated that an odor investigated was conducted at the given location, and no odors were found at that time.

Findings and conclusion of the odor investigation:

During the follow-up investigation at the specified location, no odors were found associated with BRLF.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action BRLF ensured all odor neutralizing systems were functioning and in operation. The working face was assessed for adequate odor system coverage and the portable odor neutralizing misters were positioned according to wind direction.

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To be completed when a complaint is received and needs to be investigated or landfill odors are detected by site personnel

Date: 01/02/2019

Time: 13:33

Investigator: Amy Kubinski

Location: 29.5621462052°N, 95.4386669925°W

Complainant: Othmane Guillouli

Complaint date: 12/27/2018

Reading	Date and Time	Odor Intensity ^{1, 2}	Odor Descriptors ³	Weather
Initial	01/02/2019 13:33	No reading		Reporting station: KAXH Wind speed: 5.8 mph Wind direction: NNE Humidity: 99.0% Temperature: 50.2°F Precipitation: 0.02 in Pressure: 30.04 mm Conditions: Rain

Findings and conclusion of the odor investigation:

During the follow-up investigation at the specified location, no odors were found associated with BRLF.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action BRLF ensured all odor neutralizing systems were functioning and in operation. The working face was assessed for adequate odor system coverage and the portable odor neutralizing misters were positioned according to wind direction.

> Investigation Type: CMPL Air Account NO. : FG-0536-E

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¹Using Nasal Ranger to determine intensity ratio value
² If the Intensity is at 7 or greater using the Nasal Ranger, corrective action is initiated and the location is remonitored

³Using the standardized terminology outlined in Appendix 7

Odor Complaint Form



To be completed when a complaint is received from the community through the 24-hour hot-line/message line

Complaint Information

Date received: 01/07/2019 Time received: 11:13 Received by: Amy Kubinski

Caller's Contact Information

Name: Leslie Billings

Date and time detected: 01/04/2019 20:05

Address: Cambridge Bay Dr, Pearland, TX 77584, USA

Location: 29.5735637°N, 95.4287405°W

Email:

Odor Description

Type of odor: Intensity: 10

Duration: None Provided

Other notes: The caller reported an odor on the evening of 1/4/19. No odor description was given, but an odor intensity of 10 out of 10 was stated.

Weather Conditions at the Time Odors were Detected

Reporting station: KAXH Wind speed: 0.0 mph Wind direction:

Temperature: 45.5°F Pressure: 30.09 mm Humidity: 66.0% Precipitation: 0.0 in Conditions: Clear

Was a complaint regarding an odor within 100 feet of this location received within the past 12 months?

No

Follow-up

What was the follow-up method?

Email

When was the follow-up contact made?

01/08/2019 09:59

Who made the contact?

Amy Kubinski

What issues were discussed in the follow-up?

During the follow-up call the complainant could not be reached so a voicemail was left. In the voicemail message we confirmed that the complaint was received and that an investigation was conducted and no odors were detected.

Findings and conclusion of the odor investigation:

During the follow-up investigation at the provided location, no odors were found associated with BRLF.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action BRLF ensured all odor neutralizing systems were functioning and in operation. The working face was assessed for adequate odor system coverage and the portable odor neutralizing misters were positioned according to wind direction.

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To be completed when a complaint is received and needs to be investigated or landfill odors are detected by site personnel

Date: 01/07/2019

Time: 13:17

Investigator. Amy Kubinski

Complainant: Leslie Billings Complaint date: 01/04/2019

Location: 29.5735488357°N, 95.4287391664°W

Reading	Date and Time	Odor Intensity ^{1, 2}	Odor Descriptors ³	Weather
Initial	01/07/2019 13:17	No reading		Reporting station: KAXH Wind speed: 8.1 mph Wind direction: South Humidity: 71.0% Temperature: 72.5°F Precipitation: 0.0 in Pressure: 30.1 mm Conditions: Overcast

Using Nasal Ranger to determine intensity ratio value

³Using the standardized terminology outlined in Appendix 7

Findings and conclusion of the odor investigation:

During the follow-up investigation at the provided location, no odors were found associated with BRLF.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action BRLF ensured all odor neutralizing systems were functioning and in operation. The working face was assessed for adequate odor system coverage and the portable odor neutralizing misters were positioned according to wind direction.

> Investigation Type: CMPL Air Account NO. : FG-0536-E

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If the Intensity is at 7 or greater using the Nasal Ranger, corrective action is initiated and the location is remonitored

Odor Complaint Form



To be completed when a complaint is received from the community through the 24-hour hot-line/message line

Complaint Information

Date received: 01/07/2019 Time received: 11:15 Received by: Amy Kubinski

Caller's Contact Information

Name: Keely Offett

Date and time detected: 01/04/2019 20:30

Address: 2111 Cambridge Bay Dr, Pearland, TX 77584, USA

Location: 29.5733907°N, 95.4285473°W

Email:

Odor Description

Type of odor: Intensity: 10

Duration: 1 minute

Other notes: The caller reported an odor on the evening of 1/4/19. The caller gave no

description of the odor, but gave the odor an intensity of 10 out of 10.

Weather Conditions at the Time Odors were Detected

Reporting station: KAXH Wind speed: 0.0 mph Wind direction: Temperature: 44.6°F

Pressure: 30.1 mm Humidity: 66.0% Precipitation: 0.0 in Conditions: Clear

Was a complaint regarding an odor within 100 feet of this location received within the past 12 months?
Yes

Follow-up

What was the follow-up method?

Phone

When was the follow-up contact made?

01/08/2019 09:54 Who made the contact?

Chance Seely

What issues were discussed in the follow-up?

During the follow-up call the complainant could not be reached so a voicemail was left. In the voicemail message we confirmed that we received the complaint and that an investigation was conducted and that no odors were detected at the time of the investigation.

Findings and conclusion of the odor investigation:

During the follow-up investigation at the provided location, no odors were found associated with BRLF.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action BRLF ensured all odor neutralizing systems were functioning and in operation. The working face was assessed for adequate odor system coverage and the portable odor neutralizing misters were positioned according to wind direction.

Investigation Type: CMPL Air Account NO.: FG-0536-E

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To be completed when a complaint is received and needs to be investigated or landfill odors are detected by site personnel

Date: 01/07/2019

Time: 13:16

Complainant: Keely Offett Complaint date: 01/04/2019

Investigator: Amy Kubinski

Location: 29.5733856057°N, 95.4285336139°W

Reading	Date and Time	Odor Intensity ^{1, 2}	Odor Descriptors ³	Weather
Initial	01/07/2019 13:16	No reading		Reporting station: KAXH Wind speed: 8.1 mph Wind direction: South Humidity: 71.0% Temperature: 72.5°F Precipitation: 0.0 in Pressure: 30.1 mm Conditions: Overcast

Using Nasal Ranger to determine intensity ratio value

³Using the standardized terminology outlined in Appendix 7

Findings and conclusion of the odor investigation:

During the follow-up investigation at the provided location, no odors were found associated with BRLF.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action BRLF ensured all odor neutralizing systems were functioning and in operation. The working face was assessed for adequate odor system coverage and the portable odor neutralizing misters were positioned according to wind direction.

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If the Intensity is at 7 or greater using the Nasal Ranger, corrective action is initiated and the location is remonitored

Odor Complaint Form



To be completed when a complaint is received from the community through the 24-hour hot-line/message line

Complaint Information

Date received: 01/07/2019 Time received: 11:16 Received by: Amy Kubinski

Caller's Contact Information

Name: Mrs. Shamilee

Date and time detected: 01/04/2019 17:42

Address: 2416 Ridgebrook Ln, Pearland, TX 77584, USA

Location: 29.5671449°N, 95.42335°W

Email:

Odor Description

Type of odor: Intensity: 1 Duration: 1 hour

Other notes: The caller reported a strong odor on the evening of 1/4/19. No description or intensity of the odor was given. Note: Per app restrictions, an odor intensity of 1 was entered to complete the form.

Weather Conditions at the Time Odors were Detected

Reporting station: KAXH Wind speed: -9999.0 mph

Wind direction:
Temperature: 58.1°F
Pressure: 30.05 mm
Humidity: 55.0%
Precipitation: 0.0 in
Conditions: Clear

Was a complaint regarding an odor within 100 feet of this location received within the past 12 months?

Yes

Follow-up

What was the follow-up method?

Phone

When was the follow-up contact made?

01/08/2019 09:56

Who made the contact?

Chance Seely

What issues were discussed in the follow-up?

During the follow-up call to the complainant we confirmed that we received the compliant and that an investigation was conducted. We stated the corrective actions taken after the compliant.

Findings and conclusion of the odor investigation:

During the follow-up investigation at the provided location, no odors were detected associated with BRLF

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action BRLF ensured all odor neutralizing systems were functioning and in operation. The working face was assessed for adequate odor system coverage and the portable odor neutralizing misters were positioned according to wind direction.

Investigation Type: CMPL Air Account NO. : FG-0536-E

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To be completed when a complaint is received and needs to be investigated or landfill odors are detected by site personnel

Date: 01/07/2019

Time: 13:10

Investigator: Amy Kubinski

Complainant Mrs. Shamilee Complaint date: 01/04/2019

Location: 29.5671488187°N, 95.4233221418°W

Reading	Date and Time	Odor Intensity ^{1, 2}	Odor Descriptors ³	Weather
Initial	01/07/2019 13:10	No reading		Reporting station: KAXH Wind speed: 8.1 mph Wind direction: South Humidity: 74.0% Temperature: 73.0°F Precipitation: 0.0 in Pressure: 30.1 mm Conditions: Overcast

¹Using Nasal Ranger to determine intensity ratio value

³Using the standardized terminology outlined in Appendix 7

Findings and conclusion of the odor investigation:

During the follow-up investigation at the provided location, no odors were detected associated with BRLF

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action BRLF ensured all odor neutralizing systems were functioning and in operation. The working face was assessed for adequate odor system coverage and the portable odor neutralizing misters were positioned according to wind direction.

> Investigation Type: CMPL Air Account NO. : FG-0536-E

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If the Intensity is at 7 or greater using the Nasal Ranger, corrective action is initiated and the location is remonitored

EPUBLIC

Odor Complaint Form

To be completed when a complaint is received from the community through the 24-hour hot-line/message line

Complaint Information

Date received: 01/07/2019 Time received: 11:14 Received by: Amy Kubinski

Caller's Contact Information

Name: Liberty Lopez

Date and time detected: 01/04/2019 19:04

Address: 13609 Starwreath Dr. Pearland, TX 77584, USA

Location: 29.569059°N, 95.431228°W

Email:

Odor Description

Type of odor: Intensity: 7

Duration: None provided

Other notes: The caller reported an odor on the evening of 1/4/18. No description of the odor was given, but an odor intensity of 7 out of 10 was reported.

Weather Conditions at the Time Odors were Detected

Reporting station: KAXH Wind speed: 0.0 mph Wind direction: Temperature: 49.5°F

Pressure: 30.07 mm Humidity: 74.0% Precipitation: 0.0 in Conditions: Clear

Was a complaint regarding an odor within 100 feet of this location received within the past 12 months?

Yes

Follow-up

What was the follow-up method?

When was the follow-up contact made?

01/08/2019 10:00 Who made the contact?

Amy Kubinski

What issues were discussed in the follow-up?

During the follow-up call we confirmed receipt of the complaint and that an investigation was conducted at the provided location. We informed the complainant of the corrective

Findings and conclusion of the odor investigation:

During the follow-up investigation at the provided location, no odors were found associated with BRLF.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action BRLF ensured all odor neutralizing systems were functioning and in operation. The working face was assessed for adequate odor system coverage and the portable odor neutralizing misters were positioned according to wind direction.

> Investigation Type: CMPL Air Account NO. : FG-0536-E

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To be completed when a complaint is received and needs to be investigated or landfill odors are detected by site personnel

Date: 01/07/2019

Time: 13:14

Investigator: Amy Kubinski

Location: 29.5690715502°N, 95.4312344573°W

Complainant: Liberty Lopez Complaint date: 01/04/2019

Reading	Date and Time	Odor Intensity ^{1, 2}	Odor Descriptors ³	Weather
Initial	01/07/2019 13:14	No reading		Reporting station: KAXH Wind speed: 8.1 mph Wind direction: South Humidity: 74.0% Temperature: 73.0°F Precipitation: 0.0 in Pressure: 30.1 mm Conditions: Overcast

³Using the standardized terminology outlined in Appendix 7

Findings and conclusion of the odor investigation:

During the follow-up investigation at the provided location, no odors were found associated with BRLF.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action BRLF ensured all odor neutralizing systems were functioning and in operation. The working face was assessed for adequate odor system coverage and the portable odor neutralizing misters were positioned according to wind direction.

> Investigation Type: CMPL Air Account NO.: FG-0536-E

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¹Using Nasal Ranger to determine intensity ratio value
² If the Intensity is at 7 or greater using the Nasal Ranger, corrective action is initiated and the location is remonitored

REPUBLIC SERVICES

Odor Complaint Form

To be completed when a complaint is received from the community through the 24-hour hot-line/message line

Complaint Information

Date received: 12/11/2018 Time received: 10:28 Received by: Amy Kubinski

Caller's Contact Information

Name: Norma A.

Date and time detected: 12/10/2018 23:00

Address: 2234 Trinity Bay

Location: 29.5652623836°N, 95.4247941566°W

Email:

Odor Description

Type of odor: Intensity: 8

Duration: None Provided

Other notes: The complainant called on 12/11/18 to report an odor on the evening of 12/10/18. The caller stated the odor seeped into her home and was an aggressive smell. The caller gave the odor an intensity of 8 out of 10, but gave no description of the odor.

Weather Conditions at the Time Odors were Detected

Reporting station: KAXH
Wind speed: 17.3 mph
Wind direction: West
Temperature: 48.6°F
Pressure: 29.97 mm
Humidity: 71.0%
Precipitation: 0.0 in
Conditions: Overcast

Was a complaint regarding an odor within 100 feet of this location received within the past 12 months?

No

Follow-up

What was the follow-up method?

Phone

When was the follow-up contact made?

12/11/2018 18:10 Who made the contact?

Auto made me contact

Chance Seely

What issues were discussed in the follow-up?

During the follow-up call the complainant could not be reached, so a voicemail was left. In the voicemail message we confirmed that BRLF received the complaint and explained the installation of the new flare to upgrade the gas collection system on the premises.

Findings and conclusion of the odor investigation:

During the odor investigation, no odors were found associated with BRLF.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action, BRLF ensured all odor control systems were functioning and in operation. An application of odor neutralizing solution was applied to the working face after covering with the daily cover.

Investigation Type: CMPL Air Account NO. : FG-0536-E

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To be completed when a complaint is received and needs to be investigated or landfill odors are detected by site personnel

Date: 12/11/2018

Time: 13:45

Complainant: Norma A.

Complaint date: 12/10/2018

Investigator: Amy Kubinski

Location: 29.5651530067°N, 95.4247928255°W

Reading	Date and Time	Odor Intensity ^{1, 2}	Odor Descriptors ³	Weather
	12/11/2018 13:45	No reading		Reporting station: KAXH Wind speed: 5.8 mph Wind direction: South Humidity: 46.0% Temperature: 64.8°F Precipitation: 0.0 in Pressure: 30.35 mm Conditions: Clear

Using Nasal Ranger to determine intensity ratio value

³Using the standardized terminology outlined in Appendix 7

Findings and conclusion of the odor investigation:

During the odor investigation, no odors were found associated with BRLF.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action, BRLF ensured all odor control systems were functioning and in operation. An application of odor neutralizing solution was applied to the working face after covering with the daily cover.

Investigation Type: CMPL Air Account NO. : FG-0536-E

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² If the Intensity is at 7 or greater using the Nasal Ranger, corrective action is initiated and the location is remonitored

REPUBLIC SERVICES

Odor Complaint Form

To be completed when a complaint is received from the community through the 24-hour hot-line/message line

Complaint Information

Date received: 12/11/2018 Time received: 12:25 Received by: Amy Kubinski

Caller's Contact Information

Name: Liberty Lopez

Date and time detected: 12/10/2018 21:20

Address: 13609 Starwreath Dr, Pearland, TX 77584, USA

Location: 29.569059°N, 95.431228°W

Email:

Odor Description

Type of odor: Putrid 510

Intensity: 8

Duration: None Provided

Other notes: The caller reported an odor on the evening of 12/10/18. The odor was described as acidic and putrid, and was given an odor intensity of 8 out of 10.

Weather Conditions at the Time Odors were Detected

Reporting station: KAXH Wind speed: 0.0 mph Wind direction:

Wind direction: Temperature: 37.6°F

Pressure: 30.42 mm Humidity: 87.0% Precipitation: 0.0 in Conditions: Clear

Was a complaint regarding an odor within 100 feet of this location received within the past 12 months?
Yes

Follow-up

What was the follow-up method?

Phone

When was the follow-up contact made?

12/11/2018 18:22 Who made the contact?

Chance Seely

What issues were discussed in the follow-up?

During the follow-up call we confirmed receipt of the complaint, and that an odor investigation was conducted. We stated that because of the complaint we were able to locate the issue and address it.

Findings and conclusion of the odor investigation:

No odors associated with BRLF were found at this location during the odor investigation. Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action, the BRLF addressed the working face for adequate odor coverage and ensured all odor neutralizing systems were functioning and in operation.

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To be completed when a complaint is received and needs to be investigated or landfill odors are detected by site personnel

Date: 12/11/2018

Time: 13:47

Complainant: Liberty Lopez

Complaint date: 12/10/2018

Investigator: Amy Kubinski

Location: 29.5690356717°N, 95.4311878966°W

Reading	Date and Time	Odor Intensity ^{1, 2}	Odor Descriptors ³	Weather
initial	12/11/2018 13:47	No reading		Reporting station: KAXH Wind speed: 5.8 mph Wind direction: South Humidity: 46.0% Temperature: 64.8°F Precipitation: 0.0 in Pressure: 30.35 mm Conditions: Clear

¹Using Nasal Ranger to determine intensity ratio value

³Using the standardized terminology outlined in Appendix 7

Findings and conclusion of the odor investigation:

No odors associated with BRLF were found at this location during the odor investigation.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action, the BRLF addressed the working face for adequate odor coverage and ensured all odor neutralizing systems were functioning and in operation.

> Investigation Type: CMPL Air Account NO. : FG-0536-E

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² If the Intensity is at 7 or greater using the Nasal Ranger, corrective action is initiated and the location is remonitored

REPUBLIC SERVICES

Odor Complaint Form

To be completed when a complaint is received from the community through the 24-hour hot-line/message line

Complaint Information

Date received: 12/11/2018 Time received: 12:20 Received by: Amy Kubinski

Caller's Contact Information

Name: Jeremy Simpson

Date and time detected: 12/10/2018 20:57

Address: 2415 Barton Shores Dr. Pearland, TX 77584, USA

Location: 29.566643°N, 95.434188°W

Email:

Odor Description

Type of odor: Intensity: 10

Duration: None Provided

Other notes: The caller reported an odor on the evening of 12/10/18. No description of the odor was give, but an odor intensity of 10 out of 10 was provided.

Weather Conditions at the Time Odors were Detected

Reporting station: KAXH Wind speed: 0.0 mph Wind direction:

Temperature: 39.4°F
Pressure: 30.42 mm
Humidity: 91.0%
Precipitation: 0.0 in
Conditions: Clear

Was a complaint regarding an odor within 100 feet of this location received within the past 12 months?

Yes

Follow-up

What was the follow-up method?

Phone

When was the follow-up contact made?

12/11/2018 18:24 Who made the contact?

Chance Seely

What issues were discussed in the follow-up?

During the follow-up call with the complainant, we stated that the complaint was received and an investigation was conducted. The complainant brought up concerns about storm water contamination and offsite discharge.

Findings and conclusion of the odor investigation:

During the odor investigation, no odors associated with BRLF were detected.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action the BRLF ensured all odor neutralizing systems were functioning and in operation. The working face was assessed for adequate odor coverage.

Investigation Type: CMPL Air Account NO. : FG-0536-E

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To be completed when a complaint is received and needs to be investigated or landfill odors are detected by site personnel

Date: 12/11/2018

Time: 13:50

Investigator: Amy Kubinski

Complainant: Jeremy Simpson Complaint date: 12/10/2018

Location: 29.5666536465°N, 95.4341980548°W

Reading	Date and Time	Odor Intensity ^{1, 2}	Odor Descriptors ³	Weather
Initial	12/11/2018 13:50	No reading		Reporting station: KAXH Wind speed: 5.8 mph Wind direction: South Humidity: 46.0% Temperature: 64.8°F Precipitation: 0.0 in Pressure: 30.35 mm Conditions: Clear

Using Nasal Ranger to determine intensity ratio value

Findings and conclusion of the odor investigation:

During the odor investigation, no odors associated with BRLF were detected.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action the BRLF ensured all odor neutralizing systems were functioning and in operation. The working face was assessed for adequate odor coverage.

> Investigation Type: CMPL Air Account NO. : FG-0536-E

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If the Intensity is at 7 or greater using the Nasal Ranger, corrective action is initiated and the location is remonitored Using the standardized terminology outlined in Appendix 7

REPUBLIC SERVICES

Odor Complaint Form

To be completed when a complaint is received from the community through the 24-hour hot-line/message line

Complaint Information

Date received: 12/11/2018 Time received: 12:19 Received by: Amy Kubinski

Caller's Contact Information

Name: Sara Strang

Date and time detected: 12/10/2018 20:55

Address: 2620 Mountain Sage Dr, Pearland, TX 77584, USA

Location: 29.5633257°N, 95.4383703°W

Email:

Odor Description

Type of odor: Intensity: 10

Duration: None Provided

Other notes: The caller reported a strong odor on the evening of 12/10/18. The caller gave the odor an intensity of 10 out of 10, but gave no description of the odor. The caller stated it was burning her eyes and nose.

Weather Conditions at the Time Odors were Detected

Reporting station: KAXH Wind speed: 0.0 mph Wind direction:

Temperature: 39.4°F
Pressure: 30.42 mm
Humidity: 91.0%
Precipitation: 0.0 in
Conditions: Clear

Was a complaint regarding an odor within 100 feet of this location received within the past 12 months?

Yes

Follow-up

What was the follow-up method?

Phone

When was the follow-up contact made?

12/11/2018 18:14 Who made the contact?

Chance Seely

What issues were discussed in the follow-up?

During the follow-up call to the complainant we stated there was an odor investigation conducted at the location. It was stated that during the time of the complaint there were offsite odors detected in the area, and that the complaint helped to locate and remediate the problem.

Findings and conclusion of the odor investigation:

During the follow-up odor investigation, no odors associated with BRLF were detected.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action the BRLF ensured all odor neutralizing solutions were functioning, in operation, and that all portable odor control units were in the correct position according to wind direction.

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To be completed when a complaint is received and needs to be investigated or landfill odors are detected by site personnel

Date: 12/11/2018

Time: 13:54

Complainant: Sara Strang

4.5

Investigator. Amy Kubinski

Complaint date: 12/10/2018

Location: 29.5633041542°N, 95.4383806809°W

Reading	Date and Time	Odor Intensity ^{1, 2}	Odor Descriptors ³	Weather
Initial	12/11/2018 13:54	No reading		Reporting station: KAXH Wind speed: 5.8 mph Wind direction: South Humidity: 46.0% Temperature: 64.8°F Precipitation: 0.0 in Pressure: 30.35 mm Conditions: Clear

Using Nasal Ranger to determine intensity ratio value

Findings and conclusion of the odor investigation:

During the follow-up odor investigation, no odors associated with BRLF were detected.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action the BRLF ensured all odor neutralizing solutions were functioning, in operation, and that all portable odor control units were in the correct position according to wind direction.

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If the Intensity is at 7 or greater using the Nasal Ranger, corrective action is Initiated and the location is remonitored Using the standardized terminology outlined in Appendix 7

Odor Complaint Form



To be completed when a complaint is received from the community through the 24-hour hot-line/message line

Complaint Information

Date received: 12/11/2018
Time received: 12:18
Received by: Amy Kubinski

Caller's Contact Information

Name: Teresa Verboon
Date and time detected: 12/10/2018 20:15
Address: 2401 Copper Sky Dr, Pearland, TX 77584, USA
Location: 29,5688282°N, 95.4302458°W
Email:

Odor Description

Type of odor: Landfill Gas 520

Intensity: 8

Duration: 4 hours

Other notes: The complainant reported an odor on the evening of 12/10/18 via email stating a gas odor with an intensity of 8 out of 10 was causing nausea and headache. The complaint then called in at 9:37 pm and 10:23 pm on 12/10/18 to report the same odor occurrence.

Weather Conditions at the Time Odors were Detected

Reporting station: KAXH
Wind speed: 0.0 mph
Wind direction:
Temperature: 37.8°F
Pressure: 30.42 mm
Humidity: 91.0%
Precipitation: 0.0 in
Conditions: Clear

Was a complaint regarding an odor within 100 feet of this location received within the past 12 months?

Follow-up

What was the follow-up method?

Phone

When was the follow-up contact made?

12/11/2018 18:12 Who made the contact?

Chance Seely

What issues were discussed in the follow-up?

During the follow-up call, the Complainant could not be reached so a voicemail was left. In the voicemail message we confirmed that we received the complaint and stated that there were offsite odors detected in the area at the time of the complaint. The follow-up phone call was in response to two phone call complaints and one email complaint all on 12/10/18.

Findings and conclusion of the odor investigation:

During the odor investigation no odors were found that were associated with BRLF. It was noted that the garbage truck was out and collecting trash in the neighborhood during that time.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action the BRLF ensured all odor neutralizing solutions were functioning and in operation, and that all portable odor control units were in the correct position according to wind direction.

Investigation Type: CMPL Air Account NO. : FG-0536-E

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To be completed when a complaint is received and needs to be investigated or landfill odors are detected by site personnel

Date: 12/11/2018

Time: 13:48

Investigator. Amy Kubinski

Location: 29.568821119°N, 95.4303018797°W

Complainant: Teresa Verboon Complaint date: 12/10/2018

Odor Intensity^{1, 2} Odor Descriptors³ Reading Date and Time Weather Initial 12/11/2018 Reporting station: KAXH No reading Wind speed: 5.8 mph 13:48 Wind direction: South Humidity: 46.0% Temperature: 64.8°F Precipitation: 0.0 in Pressure: 30.35 mm Conditions: Clear

Findings and conclusion of the odor investigation:

During the odor investigation no odors were found that were associated with BRLF. It was noted that the garbage truck was out and collecting trash in the neighborhood during that time.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action the BRLF ensured all odor neutralizing solutions were functioning and in operation, and that all portable odor control units were in the correct position according to wind direction.

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Using Nasal Ranger to determine intensity ratio value

If the Intensity is at 7 or greater using the Nasal Ranger, corrective action is initiated and the location is remonitored

³Using the standardized terminology outlined in Appendix 7

Odor Complaint Form



To be completed when a complaint is received from the community through the 24-hour hot-line/message line

Complaint Information

Date received: 12/11/2018
Time received: 12:17
Received by: Amy Kubinski

Caller's Contact Information

Name: Mercedez Quilico

Date and time detected: 12/10/2018 20:07

Address: 2517 Mountain Sage Dr, Pearland, TX 77584, USA

Location: 29.5650033°N, 95.4371014°W

Email:

Odor Description

Type of odor: Intensity: 8

Duration: None Provided

Other notes: The caller reported a 'nauseating' odor on the evening of 12/10/18. The caller gave no description of the odor, but stated the odor intensity was an 8 out of 10.

Weather Conditions at the Time Odors were Detected

Reporting station: KAXH Wind speed: 0.0 mph Wind direction:

Temperature: 41.4°F
Pressure: 30.41 mm
Humidity: 86.0%
Precipitation: 0.0 in
Conditions: clear

Was a complaint regarding an odor within 100 feet of this location received within the past 12 months?

Yes

Follow-up

What was the follow-up method?

Phone

When was the follow-up contact made?

12/11/2018 18:35 Who made the contact?

Chance Seely

What issues were discussed in the follow-up?

During the follow-up call, BRLF confirmed receipt of the complaint, and stated that the complaint enabled us to find the problem quicker. Once the problem was located, we were able to address it accordingly.

Findings and conclusion of the odor investigation:

During the follow-up odor investigation, no odors associated with BRLF were detected. Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action the BRLF ensured all odor neutralizing solutions were functioning, in operation, and that all portable units were in the correct position according to wind direction.

Investigation Type: CMPL Air Account NO. : FG-0536-E

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To be completed when a complaint is received and needs to be investigated or landfill odors are detected by site personnel

Date: 12/11/2018

Time: 13:53

Investigator: Amy Kubinski

Complainant: Mercedez Quilico

Complaint date: 12/10/2018

Location: 29.5649878273°N, 95.4370920998°W

Reading	Date and Time	Odor Intensity ^{1, 2}	Odor Descriptors ³	Weather
Initial	12/11/2018 13:53	No reading		Reporting station: KAXH Wind speed: 5.8 mph Wind direction: South Humidity: 46.0% Temperature: 64.8°F Precipitation: 0.0 in Pressure: 30.35 mm Conditions: Clear

Using Nasal Ranger to determine intensity ratio value

Findings and conclusion of the odor investigation:

During the follow-up odor investigation, no odors associated with BRLF were detected.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action the BRLF ensured all odor neutralizing solutions were functioning, in operation, and that all portable units were in the correct position according to wind direction.

> Investigation Type: CMPL Air Account NO. : FG-0536-E

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If the Intensity is at 7 or greater using the Nasal Ranger, corrective action is initiated and the location is remonitored ³Using the standardized terminology outlined in Appendix 7

Odor Complaint Form



To be completed when a complaint is received from the community through the 24-hour hot-line/message line

Complaint Information

Date received: 12/11/2018 Time received: 12:19 Received by: Amy Kubinski

Caller's Contact Information

Name: Ed Mears

Date and time detected: 12/10/2018 19:00

Address: 2827 Moss Lake Ln, Pearland, TX 77584, USA

Location: 29.5590884°N, 95.4165779°W

Email:

Odor Description

Type of odor: Burnt 502, Garbage 506, Tar / Asphalt 722

Intensity: 5

Duration: 4 hours

Other notes: The caller reported an odor on the evening of 12/10/18. The caller described the odor as burning tar that turned into putrid waste, and gave the odor an intensity of 5 out of 10.

Weather Conditions at the Time Odors were Detected

Reporting station: KAXH Wind speed: 0.0 mph Wind direction: Temperature: 43.7°F

Pressure: 30.4 mm Humidity: 75.0% Precipitation: 0.0 in Conditions: Clear

Was a complaint regarding an odor within 100 feet of this location received within the past 12 months?

Yes

Follow-up

What was the follow-up method?

Phone

When was the follow-up contact made?

12/11/2018 18:16

Who made the contact?

Chance Seely

What issues were discussed in the follow-up?

During the follow-up call to the complainant, we confirmed we received the complaint and that an odor investigation was conducted. The complainant asked about offsite odor patrols conducted on the day of the complaint, and also inquired about the integrity of the landfill cover.

Findings and conclusion of the odor investigation:

During the odor investigation, no odors were detected associated with BRLF.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action BRLF ensured all odor neutralizing systems were functioning and in operation. The working face was assessed for adequate odor coverage, and the portable odor control units were adjusted to wind direction.

Investigation Type: CMPL Air Account NO. : FG-0536-E

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To be completed when a complaint is received and needs to be investigated or landfill odors are detected by site personnel

Date: 12/11/2018

Complainant: Ed Mears

Time: 13:40

Complaint date: 12/10/2018

Investigator: Amy Kubinski

Location: 29.5591139039°N, 95.4165907772°W

Reading	Date and Time	Odor Intensity ^{1, 2}	Odor Descriptors ³	Weather
initial	12/11/2018 13:40	No reading		Reporting station: KAXH Wind speed: 5.8 mph Wind direction: South Humidity: 46.0% Temperature: 64.8°F Precipitation: 0.0 in Pressure: 30.35 mm Conditions: Clear

Using Nasal Ranger to determine intensity ratio value

³Using the standardized terminology outlined in Appendix 7

Findings and conclusion of the odor investigation:

During the odor investigation, no odors were detected associated with BRLF.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action BRLF ensured all odor neutralizing systems were functioning and in operation. The working face was assessed for adequate odor coverage, and the portable odor control units were adjusted to wind direction.

Investigation Type: CMPL Air Account NO. : FG-0536-E

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If the Intensity is at 7 or greater using the Nasal Ranger, corrective action is initiated and the location is remonitored

Odor Complaint Form



To be completed when a complaint is received from the community through the 24-hour hot-line/message line

Complaint Information

Date received: 12/10/2018 Time received: 18:32 Received by: Amy Kubinski

Caller's Contact Information

Name: Nick Talabi

Date and time detected: 12/10/2018 18:26

Address: 13002 Shoalwater Ln, Pearland, TX 77584, USA

Location: 29.5586059°N, 95.422327°W

Email:

Odor Description

Type of odor: Intensity: 9

Duration: None Provided

Other notes: The caller reported a strong odor on the evening of 12/10/18 outside of his place of residence. The caller stated the odor was a 9 out of 10, but did not give a description of the odor.

Weather Conditions at the Time Odors were Detected

Reporting station: KAXH Wind speed: 0.0 mph

Wind direction:

Temperature: 47.3°F Pressure: 30.38 mm Humidity: 60.0% Precipitation: 0.0 in Conditions: Clear

Was a complaint regarding an odor within 100 feet of this location received within the past 12 months?

Follow-up

What was the follow-up method?

Phone

When was the follow-up contact made?

12/11/2018 17:47

Who made the contact?

Chance Seely

What issues were discussed in the follow-up?

During the follow-up call to the compliant we confirmed that we received the complaint, and stated BRLF conducted an odor investigation shortly after the time of the complaint and did not detected any odors associated with BRLF.

Findings and conclusion of the odor investigation:

During the odor investigation at this location, no odors were detected associated with BRLF.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action BRLF ensured all odor neutralizing systems were functioning and in operation. The working face was assessed for adequate odor coverage, and odor solution was applied as necessary.

Investigation Type: CMPL Air Account NO.: FG-0536-E

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To be completed when a complaint is received and needs to be investigated or landfill odors are detected by site personnel

Date: 12/10/2018

Complainant: Nick Talabi

Time: 18:42

Complaint date: 12/10/2018

Investigator: Amy Kubinski

Location: 29.5586031964°N, 95.4223237144°W

Reading	Date and Time	Odor Intensity ^{1, 2}	Odor Descriptors ³	Weather
Initial	12/10/2018 18:42	No reading		Reporting station: KAXH Wind speed: 0.0 mph Wind direction: Humidity: 64.0% Temperature: 45.9°F Precipitation: 0.0 in Pressure: 30.39 mm Conditions: clear

Using Nasal Ranger to determine intensity ratio value

Findings and conclusion of the odor investigation:

During the odor investigation at this location, no odors were detected associated with BRLF.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action BRLF ensured all odor neutralizing systems were functioning and in operation. The working face was assessed for adequate odor coverage, and odor solution was applied as necessary.

Investigation Type: CMPL Air Account NO.: FG-0536-E

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² If the Intensity is at 7 or greater using the Nasal Ranger, corrective action is initiated and the location is remonitored ³Using the standardized terminology outlined in Appendix 7

Odor Complaint Form



To be completed when a complaint is received from the community through the 24-hour hot-line/message line

Complaint Information

Date received: 12/11/2018 Time received: 12:14 Received by: Amy Kubinski

Caller's Contact Information

Name: Sean Kennedy

Date and time detected: 12/10/2018 18:43

Address: 2901 Meadows Pond Ln, Pearland, TX 77584, USA

Location: 29.557555°N, 95.424113°W

Email:

Odor Description

Type of odor: Landfill Gas 520

Intensity: 1

Duration: 1 hour

Other notes: The caller reported an odor on the evening of 12/10/18. The odor was described as landfill gas, but was not given an odor intensity. Per app restrictions, an intensity of 1 was entered to complete the form. The caller also mentioned the deposition and stated the hotline was being used to deviate odor complaints from the TCEQ.

Weather Conditions at the Time Odors were Detected

Reporting station: KAXH Wind speed: 0.0 mph Wind direction:

Temperature: 45.9°F
Pressure: 30.39 mm
Humidity: 64.0%
Precipitation: 0.0 in
Conditions: Clear

Was a complaint regarding an odor within 100 feet of this location received within the past 12 months?

Follow-up

What was the follow-up method?

Phone

When was the follow-up contact made?

12/11/2018 17:52 Who made the contact?

Chance Seely

What issues were discussed in the follow-up?

During the follow-up call to the complaint we stated that we received the complaint and that a follow-up investigation was conducted. The complainant asked about specific site personnel and asked if we knew what was stated in the deposition. We stated that the call was for the purpose of the odor complaint, not to discuss legal actions. The compliant continued to bring up legal issues, and we again stated the purpose of this call is to discuss the odor complaint.

Findings and conclusion of the odor investigation:

No odors were found at this location associated with BRLF.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action, BRLF ensured all odor neutralizing systems were functioning and in operation. The working face was assessed for adequate odor coverage.

Investigation Type: CMPL Air Account NO. : FG-0536-E

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To be completed when a complaint is received and needs to be investigated or landfill odors are detected by site personnel

Date: 12/11/2018

Time: 13:56

Complainant: Sean Kennedy

Complaint date: 12/10/2018

Investigator. Amy Kubinski

Location: 29.5574492206°N, 95.4241031272°W

Reading	Date and Time	Odor Intensity ^{1, 2}	Odor Descriptors ³	Weather
initial	12/11/2018 13:56	No reading		Reporting station: KAXH Wind speed: 5.8 mph Wind direction: SSE Humidity: 45.0% Temperature: 64.8°F Precipitation: 0.0 in Pressure: 30.34 mm Conditions: Clear

Using Nasal Ranger to determine intensity ratio value

³Using the standardized terminology outlined in Appendix 7

Findings and conclusion of the odor investigation:

No odors were found at this location associated with BRLF.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action, BRLF ensured all odor neutralizing systems were functioning and in operation. The working face was assessed for adequate odor coverage.

> Investigation Type: CMPL Air Account NO.: FG-0536-E

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If the Intensity is at 7 or greater using the Nasal Ranger, corrective action is Initiated and the location is remonitored

Odor Complaint Form

To be completed when a complaint is received from the community through the 24-hour hot-line/message line

Complaint Information

Date received: 12/14/2018 Time received: 08:20 Received by: Amy Kubinski

Caller's Contact Information

Name: Ms. Shamilee

Date and time detected: 12/13/2018 18:15

Address: 2416 Ridgebrook Ln, Pearland, TX 77584, USA

Location: 29.5671449°N, 95.42335°W

Email:

Odor Description

Type of odor. Garbage 506, Landfill Gas 520

Intensity: 10

Duration: 2 hours

Other notes: The caller reported a strong odor on the evening of 12/13/18. The odor was described as starting out as a gas odor then turning into a garbage odor. The odor was given an intensity of 10 out of 10.

Weather Conditions at the Time Odors were Detected

Reporting station: KAXH
Wind speed: 11.5 mph
Wind direction: WNW
Temperature: 66.9°F
Pressure: 29.75 mm
Humidity: 46.0%
Precipitation: 0.0 in
Conditions: Overcast

Was a complaint regarding an odor within 100 feet of this location received within the past 12 months?

Yes

Follow-up

What was the follow-up method?

Phone

When was the follow-up contact made?

12/14/2018 15:45

Who made the contact?

Amy Kubinski

What issues were discussed in the follow-up?

During the follow-up call we confirmed receipt of the complaint and that an odor investigation was conducted. The complainant stated the smell comes in the early morning and during the night.

Findings and conclusion of the odor investigation:

No odors affiliated with BRLF were detected at this location during the odor investigation.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action, the BRLF addressed the working face for adequate odor coverage, and ensured all odor neutralizing systems were functioning properly and in operation.

Investigation Type: CMPL Air Account NO.: FG-0536-E

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To be completed when a complaint is received and needs to be investigated or landfill odors are detected by site personnel

Date: 12/14/2018

Time: 12:02

Complainant: Ma. Shamilee Complaint date: 12/13/2018

Investigator: Amy Kubinski

Location: 29.5671185417°N, 95.4233319779°W

Reading	Date and Time	Odor Intensity ^{1, 2}	Odor Descriptors ³	Weather
Initial	12/14/2018 12:02	No reading		Reporting station: KAXH Wind speed: 12.7 mph Wind direction: WNW Humidity: 71.0% Temperature: 50.4°F Precipitation: 0.0 in Pressure: 29.99 mm Conditions: Overcast

Using Nasal Ranger to determine intensity ratio value

2 If the Intensity is at 7 or greater using the Nasal Ranger, corrective action is initiated and the location is remonitored

³Using the standardized terminology outlined in Appendix 7

Findings and conclusion of the odor investigation:

No odors affiliated with BRLF were detected at this location during the odor investigation.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action, the BRLF addressed the working face for adequate odor coverage, and ensured all odor neutralizing systems were functioning properly and in operation.

Investigation Type: CMPL Air Account NO. : FG-0536-E

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Odor Complaint Form

To be completed when a complaint is received from the community through the 24-hour hot-line/message line

Complaint Information

Date received: 12/17/2018 Time received: 10:39 Received by: Amy Kubinski

Caller's Contact Information

Name: Jenneane Garrett

Date and time detected: 12/15/2018 22:15

Address: 13913 Morgan Bay Dr, Pearland, TX 77584, USA

Location: 29.5663022°N, 95.4366823°W

Email:

Odor Description

Type of odor: Garbage 506, Landfill Gas 520

Intensity: 9 Duration: 1 hour

Other notes: The caller reported a strong garbage/ gas type odor on the evening of 12/15/18. The odor was given an intensity of 9 out of 10, and the complainant stated to experience physical symptoms such as burning of the throat and esophagus.

Weather Conditions at the Time Odors were Detected

Reporting station: KAXH Wind speed: 0.0 mph

Wind direction:

Temperature: 45,1°F
Pressure: 30.25 mm
Humidity: 67.0%
Precipitation: 0.0 in
Conditions: Clear

Was a complaint regarding an odor within 100 feet of this location received within the past 12 months?

Follow-up

What was the follow-up method?

Phone

When was the follow-up contact made?

12/17/2018 16:40

Who made the contact?

Chance Seely

What issues were discussed in the follow-up?

During the follow-up call the complainant could not be reached so a voicemail was left. In the message we confirmed that we received the complaint and that an investigation was conducted. We stated there were off site odors detected in the area at the time of the complaint.

Findings and conclusion of the odor investigation:

During the odor investigation at this location, no odors were found associated with BRLF. Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action the BRLF ensured all odor neutralizing systems were functioning and in operation. The working face was also assessed for adequate odor system coverage.

Investigation Type: CMPL Air Account NO. : FG-0536-E

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To be completed when a complaint is received and needs to be investigated or landfill odors are detected by site personnel

Date: 12/17/2018

Complainant: Jenneane Garrett

Time: 15:38

Complaint date: 12/15/2018

Investigator: Amy Kubinski

Location: 29.5663039714°N, 95.4366953626°W

Reading	Date and Time	Odor Intensity ^{1, 2}	Odor Descriptors ³	Weather
Initial	12/17/2018 15:38	No reading		Reporting station: KAXH Wind speed: 0.0 mph Wind direction: Humidity: 39.0% Temperature: 74.3°F Precipitation: 0.0 in Pressure: 30.18 mm Conditions: Clear

¹Using Nasal Ranger to determine intensity ratio value

Findings and conclusion of the odor investigation:

During the odor investigation at this location, no odors were found associated with BRLF.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action the BRLF ensured all odor neutralizing systems were functioning and in operation. The working face was also assessed for adequate odor system coverage.

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² If the Intensity is at 7 or greater using the Nasal Ranger, corrective action is initiated and the location is remonitored

³Using the standardized terminology outlined in Appendix 7

REPUBLIC

Odor Complaint Form

To be completed when a complaint is received from the community through the 24-hour hot-line/message line

Complaint Information

Date received: 12/17/2018 Time received: 10:30 Received by: Amy Kubinski

Caller's Contact Information

Name: Nick Talabi

Date and time detected: 12/16/2018 19:30

Address: 13002 Shoalwater Ln, Pearland, TX 77584, USA

Location: 29.5586059°N, 95.422327°W

Email:

Odor Description

Type of odor: Intensity: 10

Duration: None Provided

Other notes: The caller reported a strong odor on the evening of 12/16/18. The odor was given an intensity of 10 out of 10, but no odor description was left.

Weather Conditions at the Time Odors were Detected

Reporting station: KAXH Wind speed: 0.0 mph Wind direction: Temperature: 52.9°F Pressure: 30.29 mm

Pressure: 30.29 mm Humidity: 72.0% Precipitation: 0.0 in Conditions: Clear

Was a complaint regarding an odor within 100 feet of this location received within the past 12 months?

Yes

Follow-up

What was the follow-up method?

Phone

When was the follow-up contact made?

12/17/2018 16:37

Who made the contact?

Chance Seely

What issues were discussed in the follow-up?

During the follow-up call to the complainant we confirmed receipt of the complaint, and that an odor investigation was performed. The complainant stated it was a gas/ methanol type odor that he experienced.

Findings and conclusion of the odor investigation:

During the odor investigation at this location, no odors associated with BRLF were detected.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action, BRLF ensured all odor neutralizing systems were functioning and in operation. The working face was assessed for adequate odor coverage as well.

Investigation Type: CMPL Air Account NO.: FG-0536-E

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To be completed when a complaint is received and needs to be investigated or landfill odors are detected by site personnel

Date: 12/17/2018

Time: 15:46

Complainant: Nick Talabi Complaint date: 12/16/2018

Investigator. Amy Kubinski

Location: 29.5586063791°N, 95.422334097°W

Reading	Date and Time	Odor Intensity ^{1, 2}	Odor Descriptors ³	Weather
Initial	12/17/2018 15:46	No reading		Reporting station: KAXH Wind speed: 0.0 mph Wind direction: Humidity: 39.0% Temperature: 74.3°F Precipitation: 0.0 in Pressure: 30.18 mm Conditions: Clear

³Using the standardized terminology outlined in Appendix 7

Findings and conclusion of the odor investigation:

During the odor investigation at this location, no odors associated with BRLF were detected.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action, BRLF ensured all odor neutralizing systems were functioning and in operation. The working face was assessed for adequate odor coverage as well.

> Investigation Type: CMPL Air Account NO. : FG-0536-E

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¹Using Nasal Ranger to determine intensity ratio value ² If the Intensity is at 7 or greater using the Nasal Ranger, corrective action is initiated and the location is remonitored

REPUBLIC

Odor Complaint Form

To be completed when a complaint is received from the community through the 24-hour hot-line/message line

Complaint Information

Date received: 12/17/2018 Time received: 10:45 Received by: Amy Kubinski

Caller's Contact Information

Name: Norma Amiah

Date and time detected: 12/16/2018 19:58

Address: 2234 Trinity Bay Dr. Pearland, TX 77584, USA

Location: 29.5755297°N, 95.4260165°W

Email:

Odor Description

Type of odor: Intensity: 7

Duration: None Provided

Other notes: The caller reported an odor on the evening of 12/16/18. No description of the odor was given, but an odor intensity of 7 out of 10 was described.

Weather Conditions at the Time Odors were Detected

Reporting station: KAXH Wind speed: 0.0 mph Wind direction:

Temperature: 51.8°F Pressure: 30.3 mm Humidity: 92.0% Precipitation: 0.0 in Conditions: Clear

Was a complaint regarding an odor within 100 feet of this location received within the past 12 months?

No

Follow-up

What was the follow-up method?

Phone

When was the follow-up contact made?

12/17/2018 16:27

Who made the contact?

Amy Kubinski

What issues were discussed in the follow-up?

During the follow-up call to the complainant, we confirmed receipt of the complaint and that an odor investigation was conducted. During the call the complainant stated that the odor was similar to a broken gas line.

Findings and conclusion of the odor investigation:

No odors associated with BRLF were found at this location during the follow-up odor investigation.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action, the BRLF had gas O&M; onsite to address any potential issues with the flare tie in. All odor neutralizing systems were checked for proper function and placement.

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To be completed when a complaint is received and needs to be investigated or landfill odors are detected by site personnel

Date: 12/17/2018

Time: 15:38

Complainant: Norma Amiah Complaint date: 12/16/2018

Investigator: Amy Kubinski

Location: 29.57552295°N, 95.4259781633°W

Reading	Date and Time	Odor intensity ^{1, 2}	Odor Descriptors ³	Weather
Initial	12/17/2018 15:38	No reading		Reporting station: KAXH Wind speed: 0.0 mph Wind direction: Humidity: 39.0% Temperature: 74.3°F Precipitation: 0.0 in Pressure: 30.18 mm Conditions: Clear

Using Nasal Ranger to determine intensity ratio value

Findings and conclusion of the odor investigation:

No odors associated with BRLF were found at this location during the follow-up odor investigation.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action, the BRLF had gas O&M; onsite to address any potential issues with the flare tie in. All odor neutralizing systems were checked for proper function and placement.

> Investigation Type: CMPL Air Account NO. : FG-0536-E

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If the Intensity is at 7 or greater using the Nasal Ranger, corrective action is initiated and the location is remonitored

³Using the standardized terminology outlined in Appendix 7

Odor Complaint Form

To be completed when a complaint is received from the community through the 24-hour hot-line/message line

Complaint Information

Date received: 12/17/2018 Time received: 10:41 Received by: Amy Kubinski

Caller's Contact Information

Name: Mercedez Quilico

Date and time detected: 12/16/2018 20:02

Address: 2577 Mountain Sage Dr, Pearland, TX 77584, USA

Location: 29.5644835°N, 95.4376313°W

Email:

Odor Description

Type of odor: Intensity: 10

Duration: None Provided

Other notes: The caller reported an odor on the evening of 12/16/18. No description of the odor was given, but an intensity of 10 out of 10 was described.

Weather Conditions at the Time Odors were Detected

Reporting station: KAXH Wind speed: 0.0 mph

Wind direction:

Temperature: 51.8°F
Pressure: 30.3 mm
Humidity: 92.0%
Precipitation: 0.0 in
Conditions: Clear

Was a complaint regarding an odor within 100 feet of this location received within the past 12 months?

No

Follow-up

What was the follow-up method?

Phone

When was the follow-up contact made?

12/17/2018 16:24 Who made the contact?

Amy Kubinski

What issues were discussed in the follow-up?

During the follow-up call the complainant could not be reached so a voicemail was left. In the voicemail we confirmed receipt of the complaint and that the complaint enabled us to locate and address the odor.

Findings and conclusion of the odor investigation:

During the follow-up odor investigation, no odors were detected associated with BRLF. Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action BRLF had gas O&M; onsite to address any potential issues with the flare tie in. All odor neutralizing systems were checked for proper function and placement.

Investigation Type: CMPL Air Account NO. : FG-0536-E

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To be completed when a complaint is received and needs to be investigated or landfill odors are detected by site personnel

> Pressure: 30.18 mm Conditions: Clear

Date: 12/17/2018

Time: 15:34

Investigator: Amy Kubinski

Location: 29.5644576101°N, 95.4376092892°W

Complainant: Mercedez Quilico

Complaint date: 12/16/2018

Reading	Date and Time	Odor Intensity ^{1, 2}	Odor Descriptors ³	Weather
Initial	12/17/2018 15:34	No reading		Reporting station: KAXH Wind speed: 3.5 mph Wind direction: North Humidity: 38.0% Temperature: 75.2°F Precipitation: 0.0 in

Using Nasal Ranger to determine intensity ratio value

³Using the standardized terminology outlined in Appendix 7

Findings and conclusion of the odor investigation:

During the follow-up odor investigation, no odors were detected associated with BRLF.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action BRLF had gas O&M; onsite to address any potential issues with the flare tie in. All odor neutralizing systems were checked for proper function and placement.

Investigation Type: CMPL Air Account NO. : FG-0536-E

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If the Intensity is at 7 or greater using the Nasal Ranger, corrective action is initiated and the location is remonitored

Odor Complaint Form



To be completed when a complaint is received from the community through the 24-hour hot-line/message line

Complaint Information

Date received: 12/17/2018 Time received: 10:39 Received by: Amy Kubinski

Caller's Contact Information

Name: Sarah Anthony

Date and time detected: 12/16/2018 21:00

Address: 13810 Juniper Springs Dr. Pearland, TX 77584, USA

Location: 29.5714576°N, 95.434973°W

Email:

Odor Description

Type of odor: Garbage 506

Intensity: 7

Duration: None Provided

Other notes: The caller reported an odor on the evening of 12/16/18. The odor was described as

a garbage odor with an intensity of 7 out of 10.

Weather Conditions at the Time Odors were Detected

Reporting station: KAXH Wind speed: 0.0 mph

Wind direction:

Temperature: 50.9°F Pressure: 30.3 mm Humidity: 83.0% Precipitation: 0.0 in Conditions: Clear

Was a complaint regarding an odor within 100 feet of this location received within the past 12 months?

Yes

Follow-up

What was the follow-up method?

Phone

When was the follow-up contact made?

12/17/2018 16:22 Who made the contact?

Amy Kubinski

What issues were discussed in the follow-up?

During the follow-up call to the complainant, we confirmed receipt of the complaint and that an investigation was conducted. We explained the undergoing flare tie-in that impacted the vacuum to the well field which could have lead to potential odors.

Findings and conclusion of the odor investigation:

No odors were detected at this location during the odor investigation.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action BRLF had gas O&M; onsite to address any potential issues with the flare tie in. All odor neutralizing systems were checked for proper function and placement.

Investigation Type: CMPL Air Account NO. : FG-0536-E

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To be completed when a complaint is received and needs to be investigated or landfill odors are detected by site personnel

Date: 12/17/2018

Time: 15:42

Complainant: Sarah Anthony

Complaint date: 12/16/2018

Investigator. Amy Kubinski

Location: 29.5714812209°N, 95.434890213°W

Reading	Date and Time	Odor Intensity ^{1, 2}	Odor Descriptors ³	Weather
Initial	12/17/2018 15:42	No reading		Reporting station: KAXH Wind speed: 0.0 mph Wind direction: Humidity: 39.0% Temperature: 74.3°F Precipitation: 0.0 in Pressure: 30.18 mm Conditions: Clear

Using Nasal Ranger to determine intensity ratio value

Findings and conclusion of the odor investigation:

No odors were detected at this location during the odor investigation.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action BRLF had gas O&M; onsite to address any potential issues with the flare tie in. All odor neutralizing systems were checked for proper function and placement.

> Investigation Type: CMPL Air Account NO. : FG-0536-E

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² If the Intensity is at 7 or greater using the Nasal Ranger, corrective action is initiated and the location is remonitored

³Using the standardized terminology outlined in Appendix 7

Odor Complaint Form

To be completed when a complaint is received from the community through the 24-hour hot-line/message line

Complaint Information

Date received: 12/20/2018
Time received: 10:32
Received by: Amy Kubinski

Caller's Contact Information

Name: Jeneane Garrett

Date and time detected: 12/19/2018 19:48

Address: 13913 Morgan Bay Dr., Pearland, TX 77584, USA

Location: 29.5663022°N, 95.4366823°W

Email:

Odor Description

Type of odor: Intensity: 9

Duration: None Provided

Other notes: The caller reported an odor on the evening of 12/19/18. The caller gave no odor description but gave an odor intensity of 9 out of 10.

Weather Conditions at the Time Odors were Detected

Reporting station: KAXH Wind speed: 0.0 mph Wind direction: Temperature: 50.0°F Pressure: 29.78 mm Humidity: 95.0%

Precipitation: 0.0 in Conditions: Clear

Was a complaint regarding an odor within 100 feet of this location received within the past 12 months?

Yes

Follow-up

What was the follow-up method?

Phone

When was the follow-up contact made?

12/20/2018 17:41

Who made the contact?

Amy Kubinski

What issues were discussed in the follow-up?

During the follow-up call to the complainant, we confirmed that we received the complaint and that an investigation was conducted. The complainant described the odor as a 'chemical gas' type smell, and asked about having an on call investigator to report to hotline complaints at night.

Findings and conclusion of the odor investigation:

During the odor investigation at the given location, no odors associated with BRLF were detected.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action, the BRLF ensured that all odor neutralizing systems were functioning and in operation. The working face was assessed for odor system coverage and portable misters were positioned according to wind direction.

Investigation Type: CMPL Air Account NO. : FG-0536-E

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To be completed when a complaint is received and needs to be investigated or landfill odors are detected by site personnel

Date: 12/20/2018

Time: 12:33

Complainant: Jeneane Garrett

Complaint date: 12/19/2018

Investigator: Amy Kubinski

Location: 29.5663223615°N, 95.4366750996°W

Reading	Date and Time	Odor Intensity ^{1, 2}	Odor Descriptors ³	Weather
Initial	12/20/2018 12:33	No reading		Reporting station: KAXH Wind speed: 20.7 mph Wind direction: NW Humidity: 46.0% Temperature: 62.2°F Precipitation: 0.0 in Pressure: 29.92 mm Conditions: Clear

Using Nasal Ranger to determine intensity ratio value

Findings and conclusion of the odor investigation:

During the odor investigation at the given location, no odors associated with BRLF were detected.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action, the BRLF ensured that all odor neutralizing systems were functioning and in operation. The working face was assessed for odor system coverage and portable misters were positioned according to wind direction.

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² If the Intensity is at 7 or greater using the Nasal Ranger, corrective action is initiated and the location is remonitored

³Using the standardized terminology outlined in Appendix 7

Odor Complaint Form

To be completed when a complaint is received from the community
through the 24-hour hot-line/message line

Complaint Information

Date received: 12/21/2018 Time received: 09:57 Received by: Amy Kubinski

Caller's Contact Information

Name: Mildred Gomez

Date and time detected: 12/21/2018 06:20

Address: Mountain Sage Dr, Pearland, TX 77584, USA

Location: 29.5643387°N, 95.4376891°W

Email:

Odor Description

Type of odor: Intensity: 10

Duration: 12 hours+

Other notes: The caller reported a strong odor on the morning of 12/21/18. The caller gave no description of the odor, but stated it started out as a 4 out of 10 and reached a 10 out of 10.

Weather Conditions at the Time Odors were Detected

Reporting station: KAXH
Wind speed: 4.6 mph
Wind direction: West
Temperature: 39.6°F
Pressure: 30.04 mm
Humidity: 66.0%
Precipitation: 0.0 in
Conditions: Clear

Was a complaint regarding an odor within 100 feet of this location received within the past 12 months?

Yes

Follow-up

What was the follow-up method?

Phone

When was the follow-up contact made?

12/21/2018 16:21

Who made the contact?

Amy Kubinski

What Issues were discussed in the follow-up?

During the follow-up call to the complaint we confirmed that we received the complaint and that an odor investigation was conducted.

Findings and conclusion of the odor investigation:

During the odor investigation at the given location, no odors associated with BRLF were detected.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action BRLF ensured all odor neutralizing systems were functioning and in operation. The working face was assessed for adequate odor system coverage and portable misters were positioned for wind direction.

Investigation Type: CMPL Air Account NO. : FG-0536-E

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To be completed when a complaint is received and needs to be investigated or landfill odors are detected by site personnel

Date: 12/21/2018

Complainant: wildred Gomez
Complaint date: 12/21/2018

Time: 13:32

Investigator: Amy Kubinski

Location: 29.5643485484°N, 95.4376766012°W

Reading	Date and Time	Odor Intensity ^{1, 2}	Odor Descriptors ³	Weather
Initial	12/21/2018 13:32	No reading		Reporting station: KAXH Wind speed: 9.2 mph Wind direction: NW Humidity: 34.0% Temperature: 61.9°F Precipitation: 0.0 in Pressure: 30.05 mm Conditions: Clear

Using Nasal Ranger to determine intensity ratio value

Findings and conclusion of the odor investigation:

During the odor investigation at the given location, no odors associated with BRLF were detected.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action BRLF ensured all odor neutralizing systems were functioning and in operation. The working face was assessed for adequate odor system coverage and portable misters were positioned for wind direction.

Investigation Type: CMPL Air Account NO. : FG-0536-E

Attachment: 4

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If the Intensity is at 7 or greater using the Nasal Ranger, corrective action is initiated and the location is remonitored

³Using the standardized terminology outlined in Appendix 7

Odor Complaint Form

To be completed when a complaint is received from the community through the 24-hour hot-line/message line

Complaint Information

Date received: 12/26/2018 Time received: 12:52 Received by: Amy Kubinski

Caller's Contact Information

Name: Maria Tellez

Date and time detected: 12/21/2018 06:01

Address: 3206 Tamara Creek Ln, Pearland, TX 77584, USA

Location: 29.5511781°N, 95.4283836°W

Email:

Odor Description

Type of odor: Rotten Eggs 513

Intensity: 8

Duration: None provided

Other notes: The complainant left an odor complaint via email on the morning of 12/21/18. The complainant described the odor as a rotten egg smell and gave an odor intensity of 8 out of 10.

Weather Conditions at the Time Odors were Detected

Reporting station: KAXH Wind speed: 4.6 mph Wind direction: West Temperature: 40.1°F Pressure: 30.04 mm Humidity: 63.0% Precipitation: 0.0 in Conditions: Clear

Was a complaint regarding an odor within 100 feet of this location received within the past 12 months?

No

Follow-up

What was the follow-up method?

Email

When was the follow-up contact made?

12/26/2018 14:12 Who made the contact?

Mark Meadows

What issues were discussed in the follow-up?

In the follow-up email to the complainant, we confirmed receipt of the complaint and that an investigation was conducted but no odors were found. The complainant was thanked for the email.

Findings and conclusion of the odor investigation:

During the odor investigation at this location, no odors were detected.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action BRLF ensured all odor neutralizing systems were functioning and in operation. The working face was assessed for adequate odor system coverage and the portable odor neutralizing misters were positioned according to wind direction.

Investigation Type: CMPL Air Account NO. : FG-0536-E

Attachment: 4

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To be completed when a complaint is received and needs to be investigated or landfill odors are detected by site personnel

Date: 12/26/2018

Time: 13:23

Investigator: Amy Kubinski

Location: 29.5511737257°N, 95.4283756112°W

Complainant: Maria Tellez

Complaint date: 12/21/2018

Reading	Date and Time	Odor Intensity ^{1, 2}	Odor Descriptors ³	Weather
Initial	12/26/2018 13:23	No reading		Reporting station: KAXH Wind speed: 12.7 mph Wind direction: SE Humidity: 89.0% Temperature: 68.2°F Precipitation: 0.0 in Pressure: 29.88 mm Conditions: Thunderstorm

³Using the standardized terminology outlined in Appendix 7

Findings and conclusion of the odor investigation:

During the odor investigation at this location, no odors were detected.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action BRLF ensured all odor neutralizing systems were functioning and in operation. The working face was assessed for adequate odor system coverage and the portable odor neutralizing misters were positioned according to wind direction.

> Investigation Type: CMPL Air Account NO.: FG-0536-E

Attachment: 4

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¹Using Nasal Ranger to determine intensity ratio value ² If the Intensity is at 7 or greater using the Nasal Ranger, corrective action is initiated and the location is remonitored

Odor Complaint Form

To be completed when a complaint is received from the community through the 24-hour hot-line/message line

Complaint Information

Date received: 12/26/2018 Time received: 10:12 Received by: Amy Kubinski

Caller's Contact Information

Name: Nick Talabee

Date and time detected: 12/22/2018 11:07

Address: 13002 Shoalwater Ln, Pearland, TX 77584, USA

Location: 29.5586059°N, 95.422327°W

Email:

Odor Description

Type of odor: Burnt 502

Intensity: 10

Duration: None Provided

Other notes: The caller reported an odor on the morning of 11/22/18. The odor was described as a chemical, burning smell with an intensity of 10 out of 10. The caller reported having physical symptoms such as burning of the lungs and eyes.

Weather Conditions at the Time Odors were Detected

Reporting station: KAXH
Wind speed: 9.2 mph
Wind direction: SW
Temperature: 69.8°F
Pressure: 30.04 mm
Humidity: 63.0%
Precipitation: 0.0 in
Conditions: Clear

Was a complaint regarding an odor within 100 feet of this location received within the past 12 months?

Yes

Follow-up

What was the follow-up method?

Phone

When was the follow-up contact made?

12/26/2018 15:08

Who made the contact?

Mark Meadows

What issues were discussed in the follow-up?

During the follow-up call the complainant could not be reached so a voicemail was left. In the voicemail message we stated we received the complaint and that an odor investigation was conducted. We stated there were no abnormal operations the day of the complaint.

Findings and conclusion of the odor investigation:

During the odor investigation at this location, no odors associated with BRLF were found. Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action the BRLF ensured all odor neutralizing systems were functioning and in operation. The working face was assessed for adequate odor system coverage and positioned for wind direction.

Investigation Type: CMPL Air Account NO.: FG-0536-E

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To be completed when a complaint is received and needs to be investigated or landfill odors are detected by site personnel

Date: 12/26/2018

Complainant: Nick Talabee

Time: 13:21

Complaint date: 12/22/2018

Investigator: Amy Kubinski

Location: 29.5586057788°N, 95.4223298048°W

Reading	Date and Time	Odor Intensity ^{1, 2}	Odor Descriptors ³	Weather
Initial	12/26/2018 13:21	No reading		Reporting station: KAXH Wind speed: 12.7 mph Wind direction: SE Humidity: 89.0% Temperature: 68.2°F Precipitation: 0.0 in Pressure: 29.88 mm Conditions: Thunderstorm

¹Using Nasal Ranger to determine intensity ratio value

Findings and conclusion of the odor investigation:

During the odor investigation at this location, no odors associated with BRLF were found.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action the BRLF ensured all odor neutralizing systems were functioning and in operation. The working face was assessed for adequate odor system coverage and positioned for wind direction.

> Investigation Type: CMPL Air Account NO. : FG-0536-E

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If the Intensity is at 7 or greater using the Nasal Ranger, corrective action is initiated and the location is remonitored

³Using the standardized terminology outlined in Appendix 7

Odor Complaint Form



To be completed when a complaint is received from the community through the 24-hour hot-line/message line

Complaint Information

Date received: 12/21/2018 Time received: 09:57 Received by: Amy Kubinski

Caller's Contact Information

Name: Nick Talabi

Date and time detected: 12/21/2018 07:30

Address: 13002 Shoalwater Ln, Pearland, TX 77584, USA

Location: 29.5586059°N, 95.422327°W

Email:

Odor Description

Type of odor: Landfill Gas 520

Intensity: 10

Duration: None Provided

Other notes: The caller reported a strong odor on the morning of 12/21/18. The caller stated the odor was a gas smell, with an odor intensity of 10 out of 10.

Weather Conditions at the Time Odors were Detected

Reporting station: KAXH Wind speed: 9.2 mph Wind direction: WNW Temperature: 41.0°F Pressure: 30.06 mm Humidity: 69.0% Precipitation: 0.0 in Conditions: Clear

Was a complaint regarding an odor within 100 feet of this location received within the past 12 months?

Yes

Follow-up

What was the follow-up method?

Phone

When was the follow-up contact made?

12/21/2018 16:34

Who made the contact?

Amy Kubinski

What issues were discussed in the follow-up?

During the follow-up call we confirmed we received the complaint and that an investigation was conducted. The complaint stated he is having health issues he believes are associated with the odor, but did not describe any symptoms. The complaint also said the smell comes into his bedroom.

Findings and conclusion of the odor investigation:

During the odor investigation, there were no odors detected at this location associated with BRLF.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action the BRLF ensured all odor neutralizing systems were functioning and in operation, and assessed the working face for adequate odor system coverage.

Investigation Type: CMPL Air Account NO. : FG-0536-E

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To be completed when a complaint is received and needs to be investigated or landfill odors are detected by site personnel

Date: 12/21/2018

Complainant: Nick Talabi

Time: 13:27

Complaint date: 12/21/2018

Investigator: Amy Kubinski

Location: 29.5586187812°N, 95.4222908138°W

Reading	Date and Time	Odor Intensity ^{1, 2}	Odor Descriptors ³	Weather
Initial	12/21/2018 13:27	No reading		Reporting station: KAXH Wind speed: 9.2 mph Wind direction: NW Humidity: 34.0% Temperature: 61.9°F Precipitation: 0.0 in Pressure: 30.05 mm Conditions: Clear

Using Nasal Ranger to determine intensity ratio value

Findings and conclusion of the odor investigation:

During the odor investigation, there were no odors detected at this location associated with BRLF.

Corrective action taken as outlined in the BRLF Odor Control Plan:

As corrective action the BRLF ensured all odor neutralizing systems were functioning and in operation, and assessed the working face for adequate odor system coverage.

> Investigation Type: CMPL Air Account NO.: FG-0536-E

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If the Intensity is at 7 or greater using the Nasal Ranger, corrective action is initiated and the location is remonitored

³Using the standardized terminology outlined in Appendix 7

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Investigation Type: CMPL Air Account NO. : FG-0536-E Attachment: 4

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Mr. Robert Upton, Interim Public Works Director City of Pearland 3501 East Orange Street Pearland, Texas, 77581

Re: Notification of Class 1 Surface Emission Monitoring

Blue Ridge Landfill TX, LP

2200 FM 521 Fresno, TX 77545

MSW Permit No: 1505A

Dear Mr. Upton,

You day - bill

As part of the settlement agreement between the City of Pearland (City) and Blue Ridge Landfill TX, LP (Blue Ridge), this letter is being submitted to notify the City that Blue Ridge will start the next 2018 Class 1 Surface Emission Monitoring (SEM) on November 26, 2018. Blue Ridge is obligated to provide a fourteen day notice to the City of the dates for the emission monitoring so that a City representative may observe the monitoring activity.

Please note that the monitoring event may be rescheduled due to conditions outside of the control of the facility. Such conditions include, but are not limited to, weather events and scheduling conflicts with the consultants. If this should occur, the facility will notify the City of Pearland immediately of any change.

If you have any questions regarding this request, please feel free to contact me at 713-676-7669.

Sincerely,

Burgess Stengl

Environmental Manager

Cc: Mrs. Andrea Brinkley, Assistant Public Works Director

Tim Telepak, Tetra Tech

Mark Meadows, Blue Ridge Landfill

Investigation Type: CMPL Air Account NO. : FG-0536-E

Attachment: 4

Page . 97 . of 95



November 5, 2018

Mr. Jason Ybarra, Waste Section Manager Texas Commission on Environmental Quality Region 12 Office 5425 Polk St., Ste. H Houston, TX 77023-1452

Dear Mr. Ybarra,

Investigation Type: CMPL Air Account NO. : FG-0536-E Attachment: 4

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As part of the Texas Commission on Environmental Quality (TCEQ) Agreed Order No. 2016-1923-AIR-E, Section IV, 3.b.iii.4., and Section 5.2 of the approved April 2018 Blue Ridge Odor Control Plan, Blue Ridge Landfill TX, LP (Blue Ridge) is notifying the TCEQ Region 12 Office that the next 2018 surface emission monitoring will begin on November 26, 2018. Blue Ridge is obligated to provide at least 72 hours (five business days) notice to the TCEQ Region 12 Office of the dates for the emission monitoring.

Please note that the monitoring event may be rescheduled due to conditions outside of the control of the facility. Such conditions include, but are not limited to, weather events and scheduling conflicts with the consultants. If this should occur, the facility will notify the TCEQ Region 12 immediately of any change.

If you have any questions regarding this request, please feel free to contact me at 713-676-7669.

Sincerely,

Burgess Stengl

Environmental Manager

Cc: Mark Meadows, Blue Ridge Landfill

Tim Telepak - Tetra Tech



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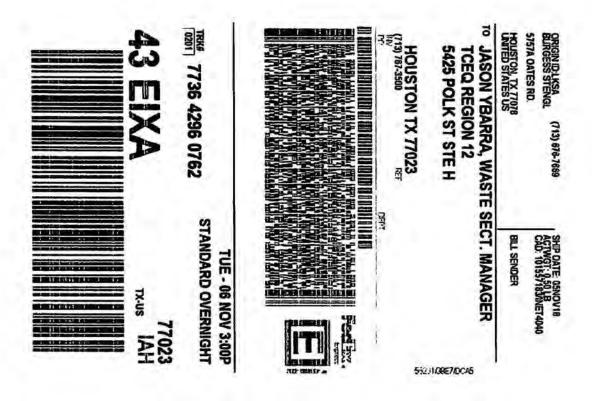
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Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdefivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attractingly stees, costs, and other forms of damage whether direct, incidental, consequential or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for terms of extraordinary value is \$1,000, e.g., aweiry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filled within stact time limits, see current FedEx Service Guide.

Investigation Type: CMPL Air Account NO. : FG-0536-E

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Investigation Type: CMPL Air Account NO. : FG-0536-E Attachment: 4 Page . 95 . of 95 Jon Niermann, Chairman Emily Lindley, Commissioner Toby Baker, Executive Director



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

February 6, 2019

Mr. Scott Trebus Area Environmental Manager Blue Ridge Landfill Post Office Box 879 Fresno, Texas 77545

Re:

Complaint Investigation Conducted at:

Blue Ridge Landfill, 2200 FM 521 Road, Fresno (Fort Bend County), Texas TCEQ ID No.: FG-0536-E, FOP No.: O-1472, Investigation No.: 1537446, Incident No.: 299233, 299253, 299313, 299326, 299344, 299350, 299355, 299362, and 299369

Dear Mr. Trebus:

From December 7, 2018 through December 21, 2018, the Houston Region Office of the Texas Commission on Environmental Quality (TCEQ) received 114 complaints concerning activities performed at your facility. In response to these complaints, Ms. Bernhagen and Mr. Lay, investigators with Emergency Response, conducted an investigation on December 10, 2018. An additional investigation was conducted by Mr. David Broussard and Ms. Fraietta, investigators with the Air Section, conducted an investigation on December 16, 2018.

No violations were noted concerning the activities alleged in the original complaint; however, it should be noted that a comprehensive compliance investigation was not performed. This letter should not be interpreted as a blanket notice of compliance with state and federal regulations governing air quality.

The TCEQ appreciates your assistance in this matter and your compliance efforts to ensure protection of the State's environment. If you have any questions concerning this investigation, please contact Mr. Broussard at (713) 767-3630.

Sincerely

Chris Horton

Team Leader, Air Section Houston Region Office

CH/DB/dc