

# Texas Commission on Environmental Quality Investigation Report

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

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**Regulated Entity Name: BLUE RIDGE LANDFILL**

**Regulated Entity Number: RN102610102**

**Investigation #** 1538266

**Incident Numbers**

299629

**Investigator:** TREY THUMANN

**Site Classification** MULTISECTOR GENERAL  
PERMIT FOR INDUSTRIAL  
WW

**Conducted:** 12/22/2018 -- 12/22/2018

**NAIC Code:** 562212

**NAIC Code:** 486210

**SIC Code:** 4922

**SIC Code:** 4953

**SIC Code:** 1521

**Program(s):** STORMWATER

**Investigation Type:** Compliance Investigation

**Location:** LOCATED ON 2200 FM 521

**Additional ID(s):** TXR05S302

**Address:** 2200 FM 521 RD,  
FRESNO, TX , 77545

**Local Unit:** REGION 12 - HOUSTON

**Activity Type(s):** WWC MPL - WW Complaint

**Principal(s):**

<b>Role</b>	<b>Name</b>
RESPONDENT	BLUE RIDGE LANDFILL TX LP

**Contact(s):**

<b>Role</b>	<b>Title</b>	<b>Name</b>	<b>Phone</b>
REGULATED ENTITY MAIL CONTACT	AREA ENVIRONMENTAL MANAGER	MR SCOTT TREBUS	Phone (713) 726-7506

**Other Staff Member(s):**

<b>Role</b>	<b>Name</b>
Investigator	BERNARD GARRETT
Supervisor	KARINA ROCHA
QA Reviewer	KYLE LINVILLE
Supervisor	WESTIN MASSEY

**Associated Check List**

<b><u>Checklist Name</u></b>	<b><u>Unit Name</u></b>
WQ COMPLAINT INVESTIGATION	BRL ODOR SURVEY

**Investigation Comments:**

## BLUE RIDGE LANDFILL - FRESNO

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### INTRODUCTION

On December 21, 27, 30 and 31, 2018, the Texas Commission on Environmental Quality (TCEQ) Houston Region Office received eight complaints alleging odors from Blue Ridge Landfill (BRL) located at 2200 Farm to Market (FM) 521 Road, Fresno (Fort Bend County), Texas 77545. The odors were alleged to have occurred on December 21, 27, 30 and 31, 2018.

On December 22, 2018, Mr. Bernard Garrett and Mr. Trey Thumann, Environmental Investigators of the TCEQ Houston Region Office Water Section, conducted odor surveys in the area surrounding BRL.

An TCEQ Exit Interview Form was emailed to Mr. Scott Trebus, Area Environmental Manager with Republic Services on January 4, 2019, requesting records from the landfill (Attachment 1).

### BACKGROUND

A Notice of Enforcement was issued to BRL on October 21, 2016 for failure to prevent nuisance odor conditions. On July 12, 2017, Agreed Order Docket No. 2016-1923-AIR-E was signed by the TCEQ. By letter dated April 10, 2018, the TCEQ Enforcement Division approved BRL Odor Control Plan, thus requiring BRL to implement all provisions of the plan in accordance with the approved schedule.

### GENERAL FACILITY AND PROCESS INFORMATION

BRL is a Type I landfill which is authorized to operate by TCEQ Municipal Solid Waste (MSW) Permit No. 1505A.

The landfill is authorized to dispose of MSW including household solid waste, commercial solid waste, construction and demolition waste, and yard waste; Class 1, Class 2, and Class 3 non-hazardous industrial solid waste; and certain special wastes. Liquid waste will be accepted at the Liquid Waste Bulking Facility for stabilization and subsequent disposal. BRL may not accept regulated hazardous waste, prohibited polychlorinated biphenyls, or untreated medical waste.

The waste acceptance hours are Monday through Friday, 4:00 a.m. to 5:00 p.m., and Saturdays from 5:30 a.m. to 12:00 p.m. The surrounding land use includes industrial facilities and residential subdivisions.

Meteorological data at the time of the odor survey:

Date: December 22, 2018

Wind Direction: southeast (SE) to south

Wind Speed: 3.5 – 5.0

Outdoor Temperature: 48.7 – 57.8 °F

Meteorological data taken from TCEQ's continuous air monitoring station Manvel Croix Park C84 weather station (Attachment 2).

### ODOR SURVEYS (OS)

Mr. Garrett conducted OS No. 1 at 4:00 a.m., at the intersection of Windward Bay Drive and Bailey Springs Lane (Attachment 3, Map Location 1). No odors were detected during the 60 minutes spent at OS No. 1 (Attachment 4, Log 1).

Mr. Garrett conducted OS No. 2 at 5:10 a.m., at the intersection of Golden Creek Lane and Shallow Falls Lane (Attachment 3, Map Location 2). Very light wood burning odors were detected 11 of the 60 minutes spent at OS No. 2, averaging to a very light intensity (Attachment 4, Log 2). According to the Frequency, Intensity, Duration and Offensiveness (FIDO) chart, the odor of burning wood is characterized as unpleasant.

Mr. Thumann conducted OS No. 3 at 4:00 a.m., at the intersection of Longlake Drive and Mountain Sage Drive (Attachment 3, Map Location 3). No odors were detected during the 60 minutes spent at OS No. 3 (Attachment 4,

**BLUE RIDGE LANDFILL - FRESNO**

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Log 3).

Mr. Thumann conducted OS No. 4 at 5:28 a.m., at Tarpon Bay Court (Attachment 3, Map Location 4). No odors were detected during the 60 minutes spent at OS No. 4 (Attachment 4, Log 4).

Mr. Garrett and Mr. Thumann conducted OS No.5 at 6:48 a.m., at the intersection of McHard Road and Amy Ridge Road (Attachment 3, Map Location 5). No odors were detected during the 60 minutes spent at OS No. 4 (Attachment 4, Log 5).

**ADDITIONAL INFORMATION**

On January 15, 2019, Mr. Trebus submitted the requested records to the TCEQ Houston Region Office (Attachment 5). The records included cover logs, flare logs, landfill operating status, odor complaints received, odor surveys conducted and the most recent notification of scheduled dates of surface emissions monitoring.

A subsequent odor investigation (Investigation No. 1538669) was conducted on January 5, 2019, to evaluate odor conditions in the area for complaints received after December 22, 2018.

**CONCLUSION**

According to FIDO protocol, nuisance odor conditions were not confirmed during the investigation conducted on December 22, 2018. The complaints are closed.

**No Violations Associated to this Investigation**

Signed   
Environmental Investigator

Date 2/5/19

Signed   
Supervisor

Date 2/6/19

**Attachments: (in order of final report submittal)**

- Enforcement Action Request (EAR)
- Letter to Facility (specify type) : \_\_\_\_\_
- Investigation Report
- Sample Analysis Results
- Manifests
- Notice of Registration

- Maps, Plans, Sketches
- Photographs
- Correspondence from the facility
- Other (specify) : see List of Attachments

Jon Niermann, *Chairman*  
Emily Lindley, *Commissioner*  
Toby Baker, *Executive Director*



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

February 5, 2019

Mr. Scott Trebus  
Area Environmental Manager  
Blue Ridge Landfill  
Post Office Box 879  
Fresno, Texas 77545-0879

Re: Complaint Investigation at:  
Blue Ridge Landfill, 2200 FM 521, Fresno (Fort Bend County), Texas  
TCEQ ID No.: TXR05S302, Investigation No.# 1538266

Dear Mr. Trebus,

On December 22, 2018, Mr. Bernard Garrett and Mr. Trey Thumann of the Texas Commission on Environmental Quality (TCEQ) Houston Region Office conducted an investigation of the above-referenced facility to evaluate compliance with applicable requirements for odors. No violations are being alleged as a result of the investigation.

The TCEQ appreciates your assistance in this matter and your compliance efforts to ensure protection of the State's environment. If you or members of your staff have any questions regarding these matters, please feel free to contact Mr. Trey Thumann in the Houston Region Office at (713) 767-3521.

Sincerely,

A handwritten signature in blue ink, appearing to read "KR" followed by a stylized flourish.

Karina Rocha  
Water Section Assistant Manager  
Houston Region Office

KR/TT/tj





**Blue Ridge Landfill  
2200 FM 521 Road, Fresno (Fort Bend County)  
RN: 102610102  
Investigation No. 1538266  
Incident No. 299629  
Odor Survey Investigation**

**LIST OF ATTACHMENTS**

ATTACHMENT 1	TCEQ Exit Interview Form
ATTACHMENT 2	Meteorological Data
ATTACHMENT 3	Odor Survey Map
ATTACHMENT 4	Odor Logs
ATTACHMENT 5	Facility Correspondence

# Attachment 1

## Trey Thumann

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**From:** Karina Rocha  
**Sent:** Thursday, January 10, 2019 1:49 PM  
**To:** Trey Thumann  
**Cc:** Karina Rocha  
**Subject:** FW: TCEQ: Records Request  
**Attachments:** Record Request.pdf

## Karina Rocha

Water Section Assistant Manager  
Texas Commission on Environmental Quality  
Houston Region 12 Office  
5425 Polk St., Suite H, Houston, TX 77023  
Phone: 713-767-3770  
Fax: 713-767-3691

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**From:** Karina Rocha  
**Sent:** Friday, January 4, 2019 4:55 PM  
**To:** [REDACTED]  
**Cc:** Karina Rocha <Karina.Rocha@tceq.texas.gov>  
**Subject:** TCEQ: Records Request

Scott Trebus,

Please see the attached Records Request attached.

## Karina Rocha

Water Section Assistant Manager  
Texas Commission on Environmental Quality  
Houston Region 12 Office  
5425 Polk St., Suite H, Houston, TX 77023  
Phone: 713-767-3770  
Fax: 713-767-3691

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**From:** Karina Rocha  
**Sent:** Friday, January 4, 2019 4:53 PM  
**To:** [REDACTED]  
**Cc:** Karina Rocha <Karina.Rocha@tceq.texas.gov>  
**Subject:** TCEQ: Records Request

Mr. Burgess Stengl,

Please find the attached record request.

Regards,

**Karina Rocha**

**Water Section Assistant Manager**  
**Texas Commission on Environmental Quality**  
**Houston Region 12 Office**  
**5425 Polk St., Suite H, Houston, TX 77023**  
**Phone: 713-767-3770**  
**Fax: 713-767-3691**  
**Email: [Karina.rocha@tceq.texas.gov](mailto:Karina.rocha@tceq.texas.gov)**

## TCEQ EXIT INTERVIEW FORM: Potential Violations and/or Records Request

<b>Regulated Entity/Site Name</b>	Blue Ridge Landfill	<b>TCEQ Add. ID No.</b>	RN102610102			
		<b>RN No (optional)</b>				
<b>Investigation Type</b>	CMPL	<b>Contact Made In-House (Y/N)</b>	Y	<b>Purpose of Investigation</b>	Complaint Investigation	
<b>Regulated Entity Contact</b>	Mr. Burgess Stengl, Environmental Manager		<b>Telephone No.</b>	713-676-7669	<b>Date Contacted</b>	1/4/2019
			<b>FAX #/Email address</b>		<b>FAX/Email date</b>	

**NOTICE:** The information provided in this form is intended to provide clarity to issues that have arisen during the investigation process between the TCEQ and the regulated entity named above and *does not represent final TCEQ findings related to violations*. Any potential or alleged violations discovered after the date on this form will be communicated to the regulated entity representative prior to the issuance of a notice of violation or enforcement. Conclusions drawn from this investigation, including additional violations or potential violations discovered (if any) during the course of this investigation, will be documented in a final investigation-report.

Issue		For Records Request, identify the necessary records, the company contact and date due to the agency. For Alleged and Potential Violation issues, include the rule in question with the clearly described potential problem. Other type of issues: fully describe.			
No.	Type <sup>1</sup>	Rule Citation (if known)	Description of Issue		
1	RR		Please provide a copy of the 12/8/18 through 1/4/2019 MSW and Class 1 Non-Hazardous Cover Application Logs.		
2	RR		Please provide a copy of the 12/8/18 through 1/4/2019 flare logs.		
3	RR		Please provide a description of the landfill operating status for 12/8/18 through 1/4/2019. Please include information for any power outages, upsets, spills, malfunctions, and downtime of the gas collection and control system during this time.		
4	RR		Please provide a copy of odor complaints received for 12/8/18 through 1/4/2019.		
5	RR		Please provide a copy of odor surveys conducted for 12/8/18 through 1/4/2019.		
6	RR		Please provide a copy of the most recent notification of scheduled dates of surface emissions monitoring.		
			<ul style="list-style-type: none"> <li>• Response Due Date: &lt;DATE&gt;</li> </ul>		

**Note 1: Issue Type Can Be One or More of: AV (Alleged Violation), PV (Potential Violation), O (Other), or RR (Records Request)**

Did the TCEQ document the regulated entity named above operating without proper authorization?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Did the investigator advise the regulated entity representative that continued operation is not authorized?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

**Document Acknowledgment.** Signature on this document establishes only that the regulated entity (RE) representative received a copy of this document and associated continuation pages on the date noted. If contact was made by telephone, the document will be sent via FAX or Email to RE; therefore, the RE signature is not required.

	1/4/2019		
<b>Investigator Name (Signed &amp; Printed)</b>	<b>Date</b>	<b>Regulated Entity Representative Name (Signed &amp; Printed)</b>	<b>Date</b>

If you have questions about any information on this form, please contact your local TCEQ Regional Office.  
Please contact the agency's public information officer with any requests, questions, or comments on access to records or information at 512-239-0800.

White Copy: Regulated Entity Representative  
TCEQ 20085 (01/2019)

Yellow Copy: TCEQ

(Note: use additional pages as necessary) Page   1   of   1

## Attachment 2

### CAMS 84 Monthly Wind Speed Summary Report for December 2018

Report Month: December 2018      Site Description: Manvel Croix Park C84      EPA Site: 48 039 1004      Report Generated: December 27, 2018 07:51:16 CST  
 Parameter: Wind Speed (POC 1) measured in miles per hour      All times are reported in Central Standard Time

Day	Mid	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	Noon	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	Max	SH	Min	Avg	STD	Cap	
1	9.4	8.5	6.2	5.8	5.9	7.1	5.8	3.8	6.3	<u>10.1</u>	9.3	9.7	9.0	8.5	7.9	8.6	6.7	1.8	2.6	2.5	2.9	3.6	2.2	3.0	10.1	9.7	1.8	6.1	2.7	100.0	
2	2.3	2.7	2.2	0.8	2.3	2.0	0.9	1.5	4.5	<u>6.7</u>	6.6	6.5	6.0	4.5	4.7	4.1	4.3	2.8	3.7	3.3	4.5	5.8	5.2	5.4	6.7	6.6	0.8	3.9	1.8	100.0	
3	5.0	5.4	5.6	6.5	7.2	8.2	7.8	8.4	<u>11.4</u>	10.6	11.4	10.6	9.4	10.8	9.7	9.8	9.3	8.9	7.3	6.8	6.6	6.4	5.3	6.0	11.4	11.4	5.0	8.1	2.0	100.0	
4	7.6	8.5	9.0	9.0	8.2	<u>9.9</u>	7.8	6.6	8.9	9.4	8.6	8.7	7.9	7.7	8.4	7.3	6.8	5.0	3.9	5.2	4.7	4.6	4.0	3.3	9.9	9.4	3.3	7.1	1.9	100.0	
5	4.0	4.1	5.2	5.3	4.5	5.2	5.6	6.1	8.3	<u>8.6</u>	7.6	5.5	5.1	5.9	6.5	5.7	5.5	3.9	4.5	3.7	2.7	1.4	2.2	2.7	8.6	8.3	1.4	5.0	1.7	100.0	
6	4.4	4.5	4.6	3.7	4.6	3.8	6.0	5.0	3.9	6.1	5.2	6.1	<u>9.2</u>	7.8	5.4	4.7	6.5	5.9	5.0	4.8	5.0	5.3	4.8	3.9	9.2	7.8	3.7	5.3	1.2	100.0	
7	3.5	6.4	5.1	5.7	5.0	4.5	3.8	4.0	6.0	8.9	12.1	<u>13.0</u>	11.9	11.4	12.4	8.8	6.0	6.3	8.9	8.2	9.4	12.6	8.2	5.6	13.0	12.6	3.5	7.8	3.0	100.0	
8	5.8	9.2	<u>11.7</u>	10.5	9.2	9.7	9.0	10.9	9.9	9.8	10.0	9.2	10.9	9.9	10.9	10.8	10.6	11.5	11.7	11.7	11.2	10.6	11.1	10.8	11.7	11.7	5.8	10.3	1.2	100.0	
9	9.5	<u>10.6</u>	9.7	10.2	10.3	10.2	10.2	9.8	9.7	8.9	8.6	8.2	8.5	8.2	8.5	9.5	8.5	7.7	7.3	7.3	8.1	6.7	4.3	2.8	10.6	10.3	2.8	8.4	1.8	100.0	
10	2.9	4.2	3.9	3.4	3.0	2.8	3.5	3.0	4.6	5.0	6.7	5.8	6.8	<u>6.9</u>	6.7	6.0	4.8	3.7	2.2	2.2	2.2	2.1	0.9	1.0	6.9	6.8	0.9	3.9	1.8	100.0	
11	0.9	0.4	0.3	1.1	2.0	1.6	2.3	2.0	3.4	4.7	6.7	7.7	7.8	8.8	9.0	<u>10.0</u>	8.8	6.3	4.3	4.6	5.1	3.3	4.2	3.7	10.0	9.0	0.3	4.5	2.9	100.0	
12	4.2	4.8	4.5	4.1	2.6	3.4	3.8	4.0	6.1	8.8	9.1	<u>12.2</u>	12.1	11.9	10.4	9.2	10.9	9.9	9.7	8.7	7.7	7.4	8.1	9.8	12.2	12.1	2.6	7.6	3.0	100.0	
13	10.9	11.3	12.6	12.7	12.0	7.0	4.8	6.0	6.7	8.1	9.2	11.1	11.3	10.1	9.1	9.2	9.1	5.6	10.4	7.6	<u>17.0</u>	15.4	13.1	11.1	17.0	15.4	4.8	10.1	2.9	100.0	
14	11.9	12.9	11.7	13.8	12.1	14.7	14.1	13.4	14.7	14.0	13.5	15.7	<u>17.2</u>	16.3	16.8	15.2	12.9	12.2	11.3	12.0	12.1	9.6	8.9	8.6	17.2	16.8	8.6	13.2	2.2	100.0	
15	8.5	8.4	8.0	6.7	4.2	5.9	6.4	7.5	9.9	<u>10.9</u>	9.6	10.3	9.9	10.7	9.8	9.5	7.7	4.6	3.2	3.2	4.2	3.4	2.4	3.1	10.9	10.7	2.4	7.0	2.8	100.0	
16	2.5	2.9	2.3	2.3	1.4	0.9	1.6	1.8	2.4	3.6	<u>5.3</u>	4.9	4.8	4.6	4.2	2.4	3.6	2.9	2.4	2.4	2.3	1.9	1.7	2.1	5.3	4.9	0.9	2.8	1.2	100.0	
17	1.7	1.2	1.3	3.4	2.8	1.2	1.5	2.0	3.1	2.3	2.7	<u>5.1</u>	4.1	2.9	2.8	3.1	2.5	4.0	3.3	3.7	3.3	3.1	2.6	1.3	5.1	4.1	1.2	2.7	1.0	100.0	
18	0.7	1.2	0.8	0.5	1.3	2.3	2.8	3.7	2.9	2.6	3.1	5.4	6.6	6.1	8.1	<u>8.9</u>	7.4	7.1	6.9	5.9	6.1	5.8	6.5	6.6	8.9	8.1	0.5	4.6	2.6	100.0	
19	<u>7.3</u>	6.4	5.8	5.9	4.2	2.1	1.5	2.6	2.5	4.3	6.4	6.5	5.1	4.2	4.1	3.2	3.6	2.1	1.5	3.2	2.4	1.5	2.2	2.3	7.3	6.5	1.5	3.8	1.8	100.0	
20	2.6	2.9	3.5	4.9	5.1	7.8	9.1	9.7	11.7	13.6	14.2	15.5	17.3	<u>18.6</u>	17.9	17.8	18.1	14.6	11.6	9.7	9.5	9.9	10.0	10.7	18.6	18.1	2.6	11.1	4.9	100.0	
21	<u>10.8</u>	10.5	6.9	7.1	7.2	6.5	5.6	6.2	7.3	9.0	8.6	8.4	10.0	9.5	8.3	7.5	4.9	2.0	2.7	2.8	3.6	4.2	3.6	3.6	10.8	10.5	2.0	6.5	2.6	100.0	
22	3.7	4.9	2.7	3.3	<u>5.0</u>	<u>3.8</u>	<u>4.8</u>	<u>3.5</u>	<u>5.4</u>	10.4	13.9	14.0	13.9	14.3	<u>14.8</u>	14.4	11.9	5.7	6.0	4.7	3.2	3.5	3.1	2.4	14.8	14.4	2.4	7.2	4.6	100.0	
23	1.1	1.8	2.4	0.8	0.7	3.0	3.8	2.8	6.0	7.1	8.0	7.9	7.6	7.4	8.0	<u>8.1</u>	7.0	6.6	5.3	5.5	5.3	4.8	5.0	4.6	8.1	8.0	0.7	5.0	2.4	100.0	
24	3.7	3.3	4.3	4.8	5.5	5.8	7.0	5.9	6.6	8.5	8.1	8.4	<u>9.0</u>	8.7	8.9	7.5	6.7	5.7	4.4	4.9	4.9	5.1	7.2	5.6	9.0	8.9	3.3	6.3	1.7	100.0	
25	2.1	2.3	2.4	3.2	2.9	1.7	2.1	2.7	5.0	5.3	5.4	6.5	9.6	<u>11.9</u>	11.7	11.1	9.0	6.1	5.6	5.1	4.6	5.2	5.4	6.5	11.9	11.7	1.7	5.6	3.0	100.0	
26	8.6	7.1	7.4	8.1	6.2	7.1	8.1	9.2	10.6	11.6	11.8	13.2	15.7	16.6	17.3	18.0	18.2	15.8	16.3	17.5	18.0	16.3	17.7	<u>18.6</u>	18.6	18.2	6.2	13.1	4.4	100.0	
27	20.3	20.2	<u>21.5</u>	19.6	14.3	12.6	8.4	FEW																							

Monthly Max	Monthly SH	Monthly Min	Monthly Avg	Monthly STD	Monthly Cap
21.5 December 27 02:00	20.3 December 27 00:00	0.3 December 11 02:00	6.9	4.2	99.8

**PLEASE NOTE:** This data has not been verified by the TCEQ and may change. This is the most current data, but it is not official until it has been certified by our technical staff.



## CAMS 84 Monthly Resultant Wind Direction Summary Report for December 2018

Report Month: December 2018    Site Description: Manvel Croix Park C84    EPA Site: 48\_039\_1004    Report Generated: December 27, 2018 07:51:16 CST  
 Parameter: Resultant Wind Direction (POC 1) measured in degrees compass    All times are reported in Central Standard Time

Day	Mid	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	Noon	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	Max	SH	Min	Res	STD	Cap						
1	194	202	226	246	248	280	<u>293</u>	278	285	286	286	288	288	284	278	267	266	231	186	191	189	205	227	202	293	288	186	259	37	100.0						
2	200	197	199	222	217	225	262	248	293	329	345	<u>356</u>	353	13	12	17	42	35	53	30	15	16	15	9	356	353	9	359	52	100.0						
3	14	21	28	24	23	20	20	24	<u>37</u>	26	31	24	12	28	20	7	9	11	10	15	18	18	15	7	37	31	7	20	20	100.0						
4	12	17	18	20	12	16	20	28	33	<u>42</u>	32	17	17	20	21	30	17	22	39	26	17	13	18	14	42	39	12	22	19	100.0						
5	4	9	11	16	12	19	24	30	47	65	78	79	98	102	99	94	88	97	115	115	<u>136</u>	136	95	70	136	136	4	64	41	100.0						
6	79	98	86	72	73	60	74	94	95	91	109	117	138	<u>145</u>	125	110	129	119	103	88	81	102	110	110	145	138	60	104	27	100.0						
7	112	146	134	131	136	129	138	129	141	155	162	162	158	159	155	142	131	133	156	135	128	<u>321</u>	5	23	321	162	5	143	40	100.0						
8	312	302	308	335	<u>350</u>	327	350	312	338	320	312	311	307	313	307	313	313	316	319	323	324	325	324	316	350	350	302	319	23	100.0						
9	322	318	316	322	333	336	331	331	333	337	322	322	304	312	311	316	332	326	343	<u>351</u>	346	337	334	319	351	346	304	327	22	100.0						
10	276	286	298	310	299	301	309	314	337	348	<u>352</u>	333	322	310	307	313	309	296	308	290	305	312	268	268	352	348	268	313	26	100.0						
11	<u>250</u>	24	49	57	35	42	85	141	116	131	158	157	153	147	154	158	149	142	121	115	117	132	142	145	250	158	24	140	30	100.0						
12	146	160	147	141	115	123	102	121	143	154	153	160	<u>172</u>	169	170	166	164	163	160	163	163	161	161	153	172	170	102	157	16	100.0						
13	163	154	153	165	158	172	154	167	180	182	188	191	189	220	249	265	266	254	274	259	279	<u>285</u>	280	275	285	280	154	217	50	100.0						
14	269	271	271	275	273	274	272	275	281	282	285	285	279	284	284	289	297	299	299	310	<u>319</u>	312	307	302	319	312	269	286	19	100.0						
15	307	304	313	307	289	291	292	305	311	315	314	316	302	301	302	300	302	294	309	298	298	<u>318</u>	291	301	318	316	289	305	19	100.0						
16	308	275	275	323	329	30	20	<u>355</u>	80	104	113	113	126	109	88	73	103	138	163	189	197	200	192	213	355	329	20	117	63	100.0						
17	204	82	242	226	245	235	102	201	178	241	233	185	190	195	<u>264</u>	260	100	178	153	134	157	161	166	207	264	260	82	186	49	100.0						
18	252	290	<u>312</u>	150	52	36	22	17	67	33	85	72	62	77	75	92	93	93	92	79	73	66	68	74	312	290	17	73	32	100.0						
19	72	73	87	109	106	87	358	346	347	348	344	<u>359</u>	351	355	21	339	291	301	319	340	339	121	53	231	359	358	21	22	56	100.0						
20	307	301	289	291	297	299	306	308	314	314	321	<u>322</u>	317	322	316	314	310	309	301	302	300	297	298	303	322	322	289	310	19	100.0						
21	311	312	293	286	287	286	283	297	303	<u>331</u>	329	304	303	284	287	290	287	260	185	187	174	181	178	178	331	329	174	291	40	100.0						
22	174	179	165	147	<u>156</u>	<u>164</u>	<u>168</u>	<u>176</u>	<u>186</u>	188	198	206	203	<u>211</u>	203	205	210	207	203	200	165	176	178	171	211	210	147	194	21	100.0						
23	223	183	191	208	196	347	330	330	<u>357</u>	5	14	12	13	8	6	7	15	14	12	16	14	14	15	18	357	347	5	8	34	100.0						
24	29	37	42	53	45	52	60	70	76	83	96	101	111	103	105	96	95	92	95	96	102	115	142	<u>152</u>	152	142	29	89	32	100.0						
25	<u>157</u>	78	93	111	130	109	107	102	105	98	108	112	132	148	137	141	136	126	99	86	85	88	94	95	157	148	78	117	27	100.0						
26	103	107	104	106	96	100	102	103	111	116	114	122	128	130	137	137	139	133	137	140	146	147	149	<u>157</u>	157	149	96	129	21	100.0						
27	161	164	165	171	185	284	<u>341</u>	FEW																							341	284	161	172	43	87.5

Monthly Max	Monthly SH	Monthly Min	Monthly Res	Monthly STD	Monthly Cap
359	358	4	335	78	99.8
December 19 11:00	December 19 06:00	December 5 00:00			

**PLEASE NOTE:** This data has not been verified by the TCEQ and may change. This is the most current data, but it is not official until it has been certified by our technical staff.



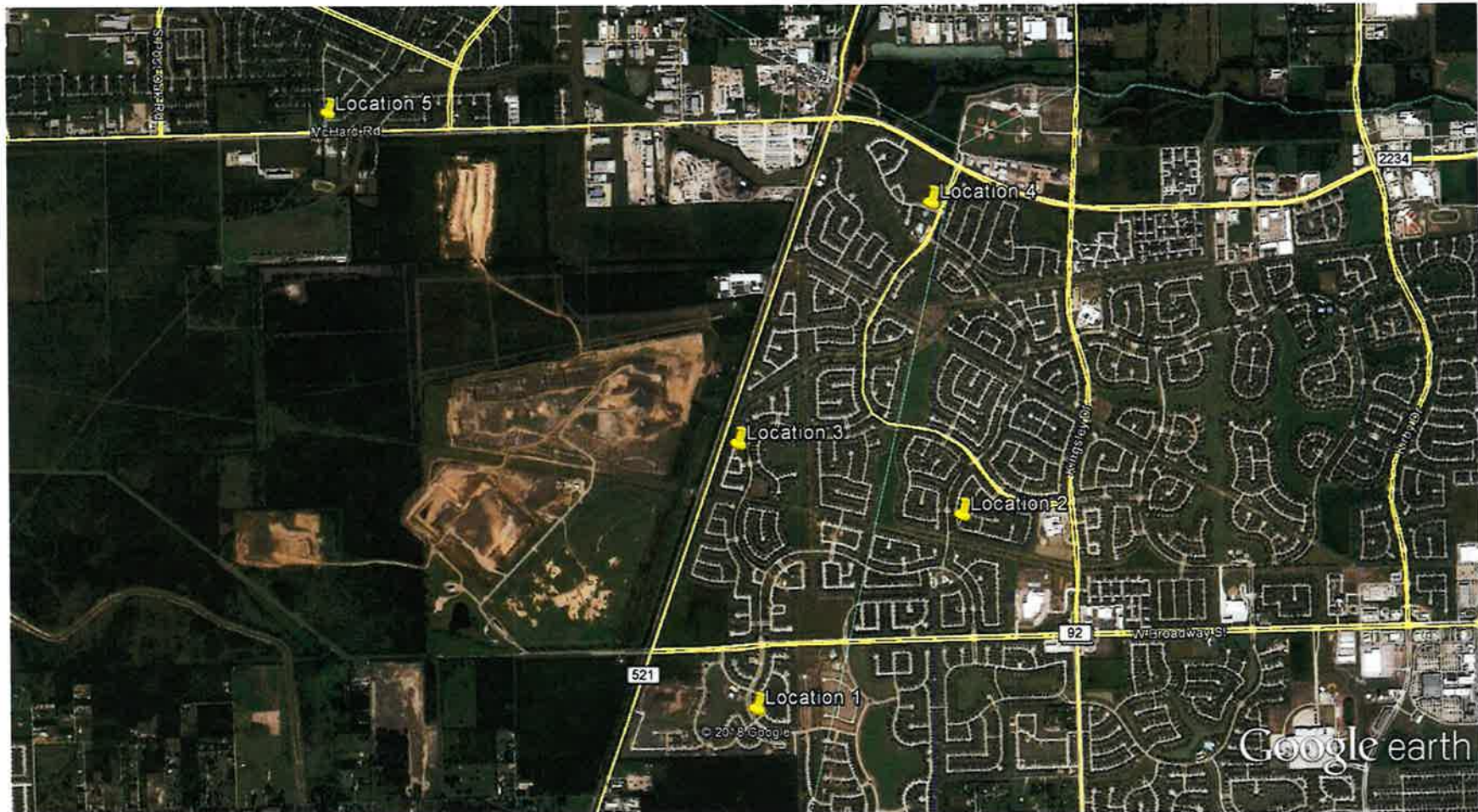


# Attachment 3



# Area and Survey Location Map - December 22, 2018

## Shadow Creek Subdivision Area



		Latitude	Longitude
Location 1:	Corner of Windward Bay Dr. and Bailey Springs Lane	29.5515	-95.4349
Location 2:	Corner of Golden Creek Lane and Shallow Falls Lane	29.5605	-95.4235
Location 3:	Corner of Longlake Drive and Mountain Sage Drive	29.5644	-95.4368
Location 4:	Tarpon Bay Court	29.5764	-95.4261
Location 5:	Corner of McHard Road and Amy Ridge Road	29.5814	-95.4615

# Attachment 4

# Site 1

## Supplemental Investigator's Odor Intensity Time Log

Investigator: B. Garrett  
 Date of Investigation: 12/22/13

Location: WINDWARD BAY DR. @ BAILEY SPRINGS LANE.  
 Start Time: 4:00 AM

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

Minutes	Odor Intensity VL, L, M, S, VS
31 min	No odor
32	No odor
33	No odor
34	No odor
35	No odor
36	No odor
37	No odor
38	No odor
39	No odor
40	No odor
41	No odor
42	No odor
43	No odor
44	No odor
45	No odor
46	No odor
47	No odor
48	No odor
49	No odor
50	No odor
51	No odor
52	No odor
53	No odor
54	No odor
55	No odor
56	No odor
57	No odor
58	No odor
59	No odor
60	No odor

Odor Description: \_\_\_\_\_  
 Offensiveness: Highly \_\_\_\_\_ Offensive \_\_\_\_\_ Unpleasant \_\_\_\_\_ Not Unpleasant \_\_\_\_\_

Weighted Average Intensity:

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





# Site 2

## Supplemental Investigator's Odor Intensity Time Log

Investigator: B. Garrett  
 Date of Investigation: 12/22/18

Location: GOLDEN CREEK LN @ SHALLOW FALLS LN  
 Start Time: 5:10 AM

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

Minutes	Odor Intensity VL, L, M, S, VS
31 min	No odor
32	No odor
33	No odor
34	No odor
35	No odor
36	No odor
37	No odor
38	No odor
39	No odor
40	No odor
41	No odor
42	No odor
43	No odor
44	No odor
45	No odor
46	No odor
47	No odor
48	No odor
49	No odor
50	No odor
51	No odor
52	No odor
53	No odor
54	No odor
55	No odor
56	No odor
57	No odor
58	No odor
59	No odor
60	No odor

Odor Description: WOOD BURNING ODOR  
 Offensiveness: Highly \_\_\_\_\_ Offensive \_\_\_\_\_ Unpleasant  Not Unpleasant \_\_\_\_\_

Weighted Average Intensity:

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

Site 3

### Supplemental Investigator's Odor Intensity Time Log

Date of Investigation: 12-22-2018 Start Time: 4:00 AM

Minutes	Odor Intensity VL, L, M, S, VS
1 min	NS
2	NS
3	NS
4	NS
5	NS
6	NS
7	NS
8	NS
9	NS
10	NS
11	NS
12	NS
13	NS
14	NS
15	NS
16	NS
17	NS
18	NS
19	NS
20	NS
21	NS
22	NS
23	NS
24	NS
25	NS
26	NS
27	NS
28	NS
29	NS
30	NS

Minutes	Odor Intensity VL, L, M, S, VS
31 min	NS
32	NS
33	NS
34	NS
35	NS
36	NS
37	NS
38	NS
39	NS
40	NS
41	NS
42	NS
43	NS
44	NS
45	NS
46	NS
47	NS
48	NS
49	NS
50	NS
51	NS
52	NS
53	NS
54	NS
55	NS
56	NS
57	NS
58	NS
59	NS
60	NS

Offensiveness: Highly \_\_\_\_\_ Offensive \_\_\_\_\_ Unpleasant \_\_\_\_\_ Not Unpleasant \_\_\_\_\_

**Weighted Average Intensity:**

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



Site 4

**Supplemental Investigator's Odor Intensity Time Log**

Date of Investigation: 12-22-18 Start Time: 5:28 AM

Minutes	Odor Intensity VL, L, M, S, VS
1 min	NS
2	NS
3	NS
4	NS
5	NS
6	NS
7	NS
8	NS
9	NS
10	NS
11	NS
12	NS
13	NS
14	NS
15	NS
16	NS
17	NS
18	NS
19	NS
20	NS
21	NS
22	NS
23	NS
24	NS
25	NS
26	NS
27	NS
28	NS
29	NS
30	NS

Minutes	Odor Intensity VL, L, M, S, VS
31 min	NS
32	NS
33	NS
34	NS
35	NS
36	NS
37	NS
38	NS
39	NS
40	NS
41	NS
42	NS
43	NS
44	NS
45	NS
46	NS
47	NS
48	NS
49	NS
50	NS
51	NS
52	NS
53	NS
54	NS
55	NS
56	NS
57	NS
58	NS
59	NS
60	NS

Offensiveness: Highly \_\_\_\_\_ Offensive \_\_\_\_\_ Unpleasant \_\_\_\_\_ Not Unpleasant \_\_\_\_\_

**Weighted Average Intensity:**

	VS	S	M	L	VL	No Odor
<b>1 Min</b>						
<b>10 Min</b>						
<b>1 Hour</b>						



Site 5

### Supplemental Investigator's Odor Intensity Time Log

Date of Investigation: 12-22-18 Start Time: 6:48 AM

Minutes	Odor Intensity VL, L, M, S, VS
1 min	NS
2	NS
3	NS
4	NS
5	NS
6	NS
7	NS
8	NS
9	NS
10	NS
11	NS
12	NS
13	NS
14	NS
15	NS
16	NS
17	NS
18	NS
19	NS
20	NS
21	NS
22	NS
23	NS
24	NS
25	NS
26	NS
27	NS
28	NS
29	NS
30	NS

Minutes	Odor Intensity VL, L, M, S, VS
31 min	NS
32	NS
33	NS
34	NS
35	NS
36	NS
37	NS
38	NS
39	NS
40	NS
41	NS
42	NS
43	NS
44	NS
45	NS
46	NS
47	NS
48	NS
49	NS
50	NS
51	NS
52	NS
53	NS
54	NS
55	NS
56	NS
57	NS
58	NS
59	NS
60	NS

Offensiveness: Highly \_\_\_\_\_ Offensive \_\_\_\_\_ Unpleasant \_\_\_\_\_ Not Unpleasant \_\_\_\_\_

**Weighted Average Intensity:**

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

# Attachment 5



P.O. Box 879 Fresno, TX, 77545  
o 281-835-6142 f 281-835-6146 republicservices.com

RECEIVED  
JAN 16 2019  
REGION 12

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,

A handwritten signature in blue ink, appearing to read "Scott A. Trebus".

Scott A. Trebus, P.E.  
Area Environmental Manager

Cc: Mark Meadows , Blue Ridge Landfill





## TCEQ EXIT INTERVIEW FORM: Potential Violations and/or Records Request

<b>Regulated Entity/Site Name</b>	Blue Ridge Landfill	<b>TCEQ Add. ID No.</b>	RN102610102	
<b>Investigation Type</b>	CMPL	<b>Contact Made In-House (Y/N)</b>	Y	<b>Purpose of Investigation</b>
<b>Regulated Entity Contact</b>	Mr. Burgess Stengl, Environmental Manager		<b>Telephone No.</b>	713-676-7669
		<b>FAX #/Email address</b>		<b>Date Contacted</b>
				1/4/2019
				<b>FAX/Email date</b>

**NOTICE:** The information provided in this form is intended to provide clarity to issues that have arisen during the investigation process between the TCEQ and the regulated entity named above and *does not represent final TCEQ findings related to violations*. Any potential or alleged violations discovered after the date on this form will be communicated to the regulated entity representative prior to the issuance of a notice of violation or enforcement. Conclusions drawn from this investigation, including additional violations or potential violations discovered (if any) during the course of this investigation, will be documented in a final investigation report.

Issue		For Records Request, identify the necessary records, the company contact and date due to the agency. For Alleged and Potential Violation issues, include the rule in question with the clearly described potential problem. Other type of issues: fully describe.		
No.	Type <sup>1</sup>	Rule Citation (if known)	Description of Issue	
1	RR		Please provide a copy of the 12/8/18 through 1/4/2019 MSW and Class 1 Non-Hazardous Cover Application Logs. ✓	
2	RR		Please provide a copy of the 12/8/18 through 1/4/2019 flare logs. ✓	
3	RR		Please provide a description of the landfill operating status for 12/8/18 through 1/4/2019. Please include information for any power outages, upsets, spills, malfunctions, and downtime of the gas collection and control system during this time. ✓	
4	RR		Please provide a copy of odor complaints received for 12/8/18 through 1/4/2019. ✓	
5	RR		Please provide a copy of odor surveys conducted for 12/8/18 through 1/4/2019. ✓	
6	RR		Please provide a copy of the most recent notification of scheduled dates of surface emissions monitoring. ✓	
			<ul style="list-style-type: none"> <li>• Response Due Date: &lt;DATE&gt;</li> </ul>	

**Note 1: Issue Type Can Be One or More of: AV (Alleged Violation), PV (Potential Violation), O (Other), or RR (Records Request)**

Did the TCEQ document the regulated entity named above operating without proper authorization?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Did the investigator advise the regulated entity representative that continued operation is not authorized?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

**Document Acknowledgment.** Signature on this document establishes only that the regulated entity (RE) representative received a copy of this document and associated continuation pages on the date noted. If contact was made by telephone, the document will be sent via FAX or Email to RE; therefore, the RE signature is not required.

	1/4/2019		
<b>Investigator Name (Signed &amp; Printed)</b>	<b>Date</b>	<b>Regulated Entity Representative Name (Signed &amp; Printed)</b>	<b>Date</b>

If you have questions about any information on this form, please contact your local TCEQ Regional Office.  
Please contact the agency's public information officer with any requests, questions, or comments on access to records or information at 512-239-0800.







1	
2	
3	Recon + Gaded to Repair Rocs + wire Phase III top deck NW-DJ/73-45 + EE-NH/76-51
4	Recon + Gaded to Repair Scaffolds + ladders with Phase III south slope NW-X/37-40
5	Gaded to Repair Scaffolds Phase III north slope BD-LL/52-56
6	Gaded to Repair Scaffolds Phase III south slope KK-9T/35-42
7	
8	Gaded to Repair Scaffolds Phase III north slope KK-LL/48-51
9	
10	Gaded to Repair Scaffolds Phase III north slope I-T/48-56
11	Gaded to Repair Scaffolds Phase III north slope T-EE/48-56
12	
13	
14	Gaded to Repair Scaffolds Phase II south slope C-S/44-44 + Phase II east side O-V/42-44
15	Gaded to Repair Scaffolds Phase II north slope M-V/25-33
16	
17	Gaded to Repair Scaffolds Phase III south slope 1-T/35-42
18	Gaded to Repair Scaffolds Phase III south slope T-CC/35-42
19	Gaded to Repair Scaffolds Phase III north slope NH-NH/48-56 + Phase III north slope NW-21/47-52
20	Gaded to Repair Scaffolds Phase III north slope CC-NH/47-56 + Phase III south slope CC-66/35-42
21	Gaded to Repair Scaffolds Phase III north slope W-CC/48-56
22	Gaded to Repair Scaffolds Phase III south slope 11-NW/35-41
23	
24	Gaded to Repair Scaffolds Phase III south slope NW-TI/35-41
25	
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**COVER APPLICATION LOG CLASS I NON HAZARDOUS**

*Class 1*

Month / Year: *December 2018*

Daily Cover				Approved Alternate Daily Cover				Elevation MSL	Inspection Date of Daily Cover <sup>4</sup>	Erosion or Leachate Seep Detected	Date Erosion or Leachate Seep Corrected <sup>5</sup>	Corrective Action <sup>6</sup>	Soil Stockpile Required <sup>7</sup> (yd <sup>3</sup> )	Rain (Inches)	Rain (Inches) ≥ 0.5" <sup>8</sup>	Intermediate Cover				Final Cover				Inspection Date of Intermediate & Final Cover <sup>4</sup>	Erosion ≥ 4" Detected	Date Erosion Corrected <sup>5</sup>	Corrective Action <sup>6</sup>	Final Cover Certification Report Reference	Supervisor Signature <sup>9</sup>
6" Soil				Spray-On or Tarps												12" Soil				Per Final Closure Plan									
AMT <sup>1</sup>	Grid Area	T <sup>2</sup>	Method <sup>3</sup>	AMT <sup>1</sup>	Grid Area	T <sup>2</sup>	Method <sup>3</sup>	✓=Inspected	✓=Yes	✓=Yes	AMT <sup>1</sup>	Grid Area	T <sup>2</sup>	Method <sup>3</sup>	AMT <sup>1</sup>	Grid Area	T <sup>2</sup>	Method <sup>3</sup>	✓=Inspected	✓=Yes									
1																													
2																													
3	500	G-29	6"	B	-	-	-	57'	✓												✓							<i>[Signature]</i>	
4	500	G-29	6"	B	-	-	-	60'	✓																			<i>[Signature]</i>	
5	500	I-30	6"	B	-	-	-	43'	✓												✓							<i>[Signature]</i>	
6	500	I-30	6"	B	-	-	-	46'	✓												✓							<i>[Signature]</i>	
7	500	I-30	6"	B	-	-	-	49'	✓																			<i>[Signature]</i>	
8																													
9																													
10	500	I-30	6"	B	-	-	-	52'	✓												✓							<i>[Signature]</i>	
11	500	I-30	6"	B	-	-	-	55'	✓																			<i>[Signature]</i>	
12	500	J-31	6"	B	-	-	-	43'	✓																			<i>[Signature]</i>	
13	500	J-31	6"	B	-	-	-	46'	✓																			<i>[Signature]</i>	
14	500	J-31	6"	B	-	-	-	49'	✓																			<i>[Signature]</i>	
15																													
16																													
17	500	J-31	6"	B	-	-	-	52'	✓												✓							<i>[Signature]</i>	
18	500	J-31	6"	B	-	-	-	55'	✓																			<i>[Signature]</i>	
19	500	J-31	6"	B	-	-	-	57'	✓																			<i>[Signature]</i>	
20	500	J-31	6"	B	-	-	-	60'	✓																			<i>[Signature]</i>	
21	500	J-32	6"	B	-	-	-	41'	✓																			<i>[Signature]</i>	
22																													
23																													
24	500	J-32	6"	B	-	-	-	44'	✓												✓							<i>[Signature]</i>	
25																													
26	500	J-32	6"	B	-	-	-	47'	✓																			<i>[Signature]</i>	
27	500	J-32	6"	B	-	-	-	50'	✓																			<i>[Signature]</i>	
28	500	J-32	6"	B	-	-	-	53'	✓																			<i>[Signature]</i>	
29																													
30																													
31	500	J-32	6"	B	-	-	-	56'	✓																			<i>[Signature]</i>	

AMT = Amount of cover (soil) in yd<sup>3</sup> or alternate daily cover in bags or tarp area  
T = Thickness in inches

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

Inspect areas with daily cover or alternate daily cover each day the site is in operation and areas with intermediate and final cover weekly or within 72 hours of a rainfall event of 0.5" or more. Inspect all areas in accordance with Site Operating Plan Section 4.18. Additional documentation area on back of form.  
Erosion of daily cover must be corrected within 24 hours after the area is accessible. Erosion 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, attach documentation stating reasons for delay.

Corrective Action: R = Restoring cover material; G = Grading, M = Compacting; S = Seeding

SOP Section 7.74 requires a soil stockpile to be maintained within 1,000 ft of the working face. The amount of soil required is dependent upon the maximum anticipated size of the working face. A 50 yd<sup>3</sup> soil stockpile is required within 100ft of the Regulated Asbestos-Containing Material (RACM) disposal area.

Signature certifies work accomplished as stated in the Cover Application Log.





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**COVER APPLICATION LOG**



Blue Ridge Landfill, MSW-1505A

MSW

Month / Year: January 2019

Daily Cover				Approved Alternate Daily Cover				Elevation	Inspection Date of Daily Cover <sup>2</sup>	Erosion or Leachate Seep Detected	Date Erosion or Leachate Seep Corrected <sup>3</sup>	Corrective Action <sup>4</sup>	Soil Stockpile Required (yd <sup>3</sup> )	Rain (inches)	Rain (inches) ≥ 0.5 <sup>4</sup>	Intermediate Cover				Final Cover				Inspection Date of Intermediate & Final Cover <sup>6</sup>	Erosion ≥ 4" Detected	Date Erosion Corrected <sup>5</sup>	Corrective Action <sup>7</sup>	Final Cover Certification Report Reference	Supervisor Signature <sup>8</sup>	
6" Soil				Spray-On or Tarps				MSL									12" Soil				Per Final Closure Plan									
AMT <sup>1</sup>	Grid Area	T <sup>2</sup>	Method <sup>3</sup>	AMT <sup>1</sup>	Grid Area	T <sup>2</sup>	Method <sup>3</sup>		✓/Inspected	✓/Yes				✓/Yes		AMT <sup>1</sup>	Grid Area	T <sup>2</sup>	Method <sup>3</sup>	AMT <sup>1</sup>	Grid Area	T <sup>2</sup>	Method <sup>3</sup>	✓/Inspected	✓/Yes					
1																														
2	750	MM-12 56-17	6" B	-	-	-	-	70.78	✓					2.0	✓															
3	750	MM-12 33-56	6" B	-	-	-	-	70.78	✓					0.3																
4	750	MM-12 12-56	6" B	-	-	-	-	70.78	✓																					
5	500	MM-12 56-57	6" B	-	-	-	-	72.78	✓																✓					
6																														
7	750	33-56	6" B	-	-	-	-	70.78	✓																					
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AMT = Amount of cover (soil) in yd<sup>3</sup> or alternate daily cover in bags or tarp area  
 T = Thickness in inches

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

Inspect areas with daily cover or alternate daily cover each day the site is in operation and areas with intermediate and final cover weekly or within 72 hours of a rainfall event of 0.5" or more. Inspect all areas in accordance with Site Operating Plan Section 4.1B. Additional documentation area on back of form.

Erosion of daily cover must be corrected within 24 hours after the area is accessible. Erosion 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, attach documentation stating reasons for delay.

Corrective Action: R = Restoring cover material; G = Grading; M = Compacting; S = Seeding

SOP Section 7.74 requires a soil stockpile to be maintained within 1,000 ft of the working face. The amount of soil required is dependent upon the maximum anticipated size of the working face. A 50 yd<sup>3</sup> soil stockpile is required within 100ft of the Regulated Asbestos-Containing Material (RACM) disposal area.

Signature certifies work accomplished as stated in the Cover Application Log.



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**Flare Operations**

Date	Time	Flare #1		Flare #2		Month / Year: <u>December 2012</u>
		Smoking*	Not Smoking	Smoking*	Not Smoking	Signature
1	10:00		✓		✓	<i>[Signature]</i>
2						
3	11:00		✓		✓	<i>[Signature]</i>
4	15:00		✓		✓	<i>[Signature]</i>
5	16:30		✓		✓	<i>[Signature]</i>
6	17:00		✓		✓	<i>[Signature]</i>
7	14:00		✓		✓	<i>[Signature]</i>
8	11:00		✓		✓	<i>[Signature]</i>
9						
10	15:00		✓		✓	<i>[Signature]</i>
11	14:30		✓		✓	<i>[Signature]</i>
12	14:20		✓		✓	<i>[Signature]</i>
13	10:50		✓		✓	<i>[Signature]</i>
14	12:15		✓		✓	<i>[Signature]</i>
15	11:30		✓		✓	<i>Rung Long</i>
16						
17	14:00		✓		✓	<i>[Signature]</i>
18	12:00		✓		✓	<i>[Signature]</i>
19	15:30		✓		✓	<i>[Signature]</i>
20	13:30		✓		✓	<i>[Signature]</i>
21	13:15		✓		✓	<i>[Signature]</i>
22	11:10		✓		✓	<i>[Signature]</i>
23						
24	13:30		✓		✓	<i>[Signature]</i>
25						
26	10:30		✓		✓	<i>[Signature]</i>
27	13:45		✓		✓	<i>[Signature]</i>
28	14:15		✓		✓	<i>[Signature]</i>
29	10:30		✓		✓	<i>[Signature]</i>
30						
31	11:55		✓		✓	<i>[Signature]</i>

\* If smoking detected, contact Environmental Manager.



\* [Yellow Box] = closed



Blue Ridge Landfill, MSW-1505A

### Flare Operations

Month / Year: JANUARY 2019

Date	Time	Flare #1		Flare #2		Signature
		Smoking*	Not Smoking	Smoking*	Not Smoking	
1	[Yellow]					
2	15:10		✓		✓	
3	14:00		✓		✓	
4	15:00		✓		✓	
5	12:05		✓		✓	
6	[Yellow]					
7	11:30		✓		✓	
8	13:30		✓		✓	
9	14:30		✓		✓	
10	11:00		✓		✓	
11	13:15		✓		✓	
12	11:00		✓		✓	
13	[Yellow]					
14	14:00		✓		✓	
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20	[Yellow]					
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27	[Yellow]					
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\* If smoking detected, contact Environmental Manager.

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

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	7660.80
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

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.







## 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?

Yes

### 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.



## Field Odor Investigations

*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 <sup>1, 2</sup>	Odor Descriptors <sup>3</sup>	Weather
Initial	01/02/2019 13:31	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

<sup>1</sup>Using Nasal Ranger to determine intensity ratio value

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

<sup>3</sup>Using 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.





## 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: NNE  
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.





## Field Odor Investigations

*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: Sheila Fischer

Time: 13:25

Complaint date: 12/28/2018

Investigator: Amy Kubinski

Location: 29.5612370939°N, 95.4096576487°W

Reading	Date and Time	Odor Intensity <sup>1, 2</sup>	Odor Descriptors <sup>3</sup>	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

<sup>1</sup>Using Nasal Ranger to determine intensity ratio value

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

<sup>3</sup>Using 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.



## 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?  
No

### 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 investigation 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.







## Field Odor Investigations

*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: Othmane Guillouli

Time: 13:33

Complaint date: 12/27/2018

Investigator: Amy Kubinski

Location: 29.5621462052°N, 95.4386669925°W

Reading	Date and Time	Odor Intensity <sup>1, 2</sup>	Odor Descriptors <sup>3</sup>	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

<sup>1</sup>Using Nasal Ranger to determine intensity ratio value

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

<sup>3</sup>Using the standardized terminology outlined in Appendix 7

**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.





## 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.





## Field Odor Investigations

*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

Complainant: Leslie Billings

Time: 13:17

Complaint date: 01/04/2019

Investigator: Amy Kubinski

Location: 29.5735488357°N, 95.4287391664°W

Reading	Date and Time	Odor Intensity <sup>1, 2</sup>	Odor Descriptors <sup>3</sup>	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

<sup>1</sup>Using Nasal Ranger to determine intensity ratio value

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

<sup>3</sup>Using 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.







## 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.





# Field Odor Investigations

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

Complainant: Keely Offett

Time: 13:16

Complaint date: 01/04/2019

Investigator: Amy Kubinski

Location: 29.5733856057°N, 95.4285336139°W

Reading	Date and Time	Odor Intensity <sup>1, 2</sup>	Odor Descriptors <sup>3</sup>	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

<sup>1</sup>Using Nasal Ranger to determine intensity ratio value

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

<sup>3</sup>Using 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.





## 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 complaint and that an investigation was conducted. We stated the corrective actions taken after the complaint.

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.





# Field Odor Investigations

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

Complainant: Mrs. Shamilee

Time: 13:10

Complaint date: 01/04/2019

Investigator: Amy Kubinski

Location: 29.5671488187°N, 95.4233221418°W

Reading	Date and Time	Odor Intensity <sup>1, 2</sup>	Odor Descriptors <sup>3</sup>	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

<sup>1</sup>Using Nasal Ranger to determine intensity ratio value

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

<sup>3</sup>Using 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.







## 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?

Phone

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 actions 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.





## Field Odor Investigations

*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

Complainant: Liberty Lopez

Time: 13:14

Complaint date: 01/04/2019

Investigator: Amy Kubinski

Location: 29.5690715502°N, 95.4312344573°W

Reading	Date and Time	Odor Intensity <sup>1,2</sup>	Odor Descriptors <sup>3</sup>	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

<sup>1</sup>Using Nasal Ranger to determine intensity ratio value

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

<sup>3</sup>Using 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.





## 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?  
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.





## Field Odor Investigations

*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: Norma A.

Time: 13:45

Complaint date: 12/10/2018

Investigator: Amy Kubinski

Location: 29.5651530067°N, 95.4247928255°W

Reading	Date and Time	Odor Intensity <sup>1, 2</sup>	Odor Descriptors <sup>3</sup>	Weather
Initial	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

<sup>1</sup>Using Nasal Ranger to determine intensity ratio value

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

<sup>3</sup>Using 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.



## 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:

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.





## Field Odor Investigations

*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: Liberty Lopez

Time: 13:47

Complaint date: 12/10/2018

Investigator: Amy Kubinski

Location: 29.5690356717°N, 95.4311878966°W

Reading	Date and Time	Odor Intensity <sup>1, 2</sup>	Odor Descriptors <sup>3</sup>	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

<sup>1</sup> Using Nasal Ranger to determine intensity ratio value

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

<sup>3</sup> Using 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.





## 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.





## Field Odor Investigations

*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: Jeremy Simpson

Time: 13:50

Complaint date: 12/10/2018

Investigator: Amy Kubinski

Location: 29.5666536465°N, 95.4341980548°W

Reading	Date and Time	Odor Intensity <sup>1, 2</sup>	Odor Descriptors <sup>3</sup>	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

<sup>1</sup>Using Nasal Ranger to determine intensity ratio value

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

<sup>3</sup>Using the standardized terminology outlined in Appendix 7

**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.





## 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.



## Field Odor Investigations

*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: Sara Strang

Time: 13:54

Complaint date: 12/10/2018

Investigator: Amy Kubinski

Location: 29.5633041542°N, 95.4383806809°W

Reading	Date and Time	Odor Intensity <sup>1, 2</sup>	Odor Descriptors <sup>3</sup>	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

<sup>1</sup>Using Nasal Ranger to determine intensity ratio value

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

<sup>3</sup>Using the standardized terminology outlined in Appendix 7

**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.







## 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?  
Yes

### 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.





## Field Odor Investigations

*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: Teresa Verboon

Time: 13:48

Complaint date: 12/10/2018

Investigator: Amy Kubinski

Location: 29.568821119°N, 95.4303018797°W

Reading	Date and Time	Odor Intensity <sup>1, 2</sup>	Odor Descriptors <sup>3</sup>	Weather
Initial	12/11/2018 13:48	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

<sup>1</sup>Using Nasal Ranger to determine intensity ratio value

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

<sup>3</sup>Using the standardized terminology outlined in Appendix 7

**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.





## 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: Mercedes 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.





## Field Odor Investigations

*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: Mercedes Quilico

Time: 13:53

Complaint date: 12/10/2018

Investigator: Amy Kubinski

Location: 29.5649878273°N, 95.4370920998°W

Reading	Date and Time	Odor Intensity <sup>1, 2</sup>	Odor Descriptors <sup>3</sup>	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

<sup>1</sup>Using Nasal Ranger to determine intensity ratio value

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

<sup>3</sup>Using the standardized terminology outlined in Appendix 7

**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.







## 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.





## Field Odor Investigations

*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 <sup>1, 2</sup>	Odor Descriptors <sup>3</sup>	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

<sup>1</sup>Using Nasal Ranger to determine intensity ratio value

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

<sup>3</sup>Using 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.





## 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?

Yes

### 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 complainant we confirmed that we received the complaint, and stated BRLF conducted an odor investigation shortly after the time of the complaint and did not detect 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.





## Field Odor Investigations

*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 <sup>1, 2</sup>	Odor Descriptors <sup>3</sup>	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

<sup>1</sup>Using Nasal Ranger to determine intensity ratio value

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

<sup>3</sup>Using 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 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.







## 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?  
No

### 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 complainant 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.





## Field Odor Investigations

*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: Sean Kennedy

Time: 13:56

Complaint date: 12/10/2018

Investigator: Amy Kubinski

Location: 29.5574492206°N, 95.4241031272°W

Reading	Date and Time	Odor Intensity <sup>1, 2</sup>	Odor Descriptors <sup>3</sup>	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

<sup>1</sup>Using Nasal Ranger to determine intensity ratio value

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

<sup>3</sup>Using 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.





## 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.





## Field Odor Investigations

*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

Complainant: Ms. Shamilee

Time: 12:02

Complaint date: 12/13/2018

Investigator: Amy Kubinski

Location: 29.5671185417°N, 95.4233319779°W

Reading	Date and Time	Odor Intensity <sup>1, 2</sup>	Odor Descriptors <sup>3</sup>	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

<sup>1</sup>Using Nasal Ranger to determine intensity ratio value

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

<sup>3</sup>Using 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.







## 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?

Yes

### 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.



## Field Odor Investigations

*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 <sup>1, 2</sup>	Odor Descriptors <sup>3</sup>	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

<sup>1</sup>Using Nasal Ranger to determine intensity ratio value

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

<sup>3</sup>Using the standardized terminology outlined in Appendix 7

**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.





## 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

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.





## Field Odor Investigations

*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: Nick Talabi

Time: 15:46

Complaint date: 12/16/2018

Investigator: Amy Kubinski

Location: 29.5586063791°N, 95.422334097°W

Reading	Date and Time	Odor Intensity <sup>1, 2</sup>	Odor Descriptors <sup>3</sup>	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

<sup>1</sup>Using Nasal Ranger to determine intensity ratio value

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

<sup>3</sup>Using 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.







## 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.





## Field Odor Investigations

*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: Norma Amiah

Time: 15:38

Complaint date: 12/16/2018

Investigator: Amy Kubinski

Location: 29.57552295°N, 95.4259781633°W

Reading	Date and Time	Odor Intensity <sup>1, 2</sup>	Odor Descriptors <sup>3</sup>	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

<sup>1</sup>Using Nasal Ranger to determine intensity ratio value

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

<sup>3</sup>Using 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 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.





## 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: Mercedes 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.



## Field Odor Investigations

*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: Mercedes Quilico

Time: 15:34

Complaint date: 12/16/2018

Investigator: Amy Kubinski

Location: 29.5644576101°N, 95.4376092892°W

Reading	Date and Time	Odor Intensity <sup>1,2</sup>	Odor Descriptors <sup>3</sup>	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 Pressure: 30.18 mm Conditions: Clear

<sup>1</sup>Using Nasal Ranger to determine intensity ratio value

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

<sup>3</sup>Using 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.





## 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.





## Field Odor Investigations

*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: Sarah Anthony

Time: 15:42

Complaint date: 12/16/2018

Investigator: Amy Kubinski

Location: 29.5714812209°N, 95.434890213°W

Reading	Date and Time	Odor Intensity <sup>1,2</sup>	Odor Descriptors <sup>3</sup>	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

<sup>1</sup> Using Nasal Ranger to determine intensity ratio value

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

<sup>3</sup> Using the standardized terminology outlined in Appendix 7

**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.





## 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.





## Field Odor Investigations

*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

Complainant: Jeneane Garrett

Time: 12:33

Complaint date: 12/19/2018

Investigator: Amy Kubinski

Location: 29.5663223615°N, 95.4366750996°W

Reading	Date and Time	Odor Intensity <sup>1, 2</sup>	Odor Descriptors <sup>3</sup>	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

<sup>1</sup>Using Nasal Ranger to determine intensity ratio value

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

<sup>3</sup>Using the standardized terminology outlined in Appendix 7

**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.





## 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.







## Field Odor Investigations

*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: Mildred Gomez

Time: 13:32

Complaint date: 12/21/2018

Investigator: Amy Kubinski

Location: 29.5643485484°N, 95.4376766012°W

Reading	Date and Time	Odor Intensity <sup>1,2</sup>	Odor Descriptors <sup>3</sup>	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

<sup>1</sup>Using Nasal Ranger to determine intensity ratio value

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

<sup>3</sup>Using the standardized terminology outlined in Appendix 7

**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.





## 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.



## Field Odor Investigations

*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: Maria Tellez

Time: 13:23

Complaint date: 12/21/2018

Investigator: Amy Kubinski

Location: 29.5511737257°N, 95.4283756112°W

Reading	Date and Time	Odor Intensity <sup>1,2</sup>	Odor Descriptors <sup>3</sup>	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

<sup>1</sup>Using Nasal Ranger to determine intensity ratio value

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

<sup>3</sup>Using 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.





## 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.



## Field Odor Investigations

*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 <sup>1, 2</sup>	Odor Descriptors <sup>3</sup>	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

<sup>1</sup>Using Nasal Ranger to determine intensity ratio value

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

<sup>3</sup>Using 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 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.







## 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.



## Field Odor Investigations

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 <sup>1, 2</sup>	Odor Descriptors <sup>3</sup>	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

<sup>1</sup>Using Nasal Ranger to determine intensity ratio value

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

<sup>3</sup>Using the standardized terminology outlined in Appendix 7

### 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.















Year	Month	Day	Time	Location	Event	Category	Value	Unit	Notes
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November 8, 2018

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,

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,

A handwritten signature in blue ink that reads "Burgess Stengl".

Burgess Stengl  
Environmental Manager

Cc: Mrs. Andrea Brinkley, Assistant Public Works Director  
Tim Telepak, Tetra Tech  
Mark Meadows, Blue Ridge Landfill

ORIGIN ID:LKSA (713) 671-1561  
BURGESS STENGL

5757A OATES RD.

HOUSTON, TX 77078  
UNITED STATES US

SHIP DATE: 05NOV18  
ACTWGT: 0.50 LB  
CAD: 101557183/NET4040

BILL SENDER

TO **ROBERT UPTON, INTERIM DIRECTOR  
CITY OF PEARLAND PUBLIC WORKS  
3501 EAST ORANGE STREET**

**PEARLAND TX 77581**

(281) 652-1900 REF

INV DEPT



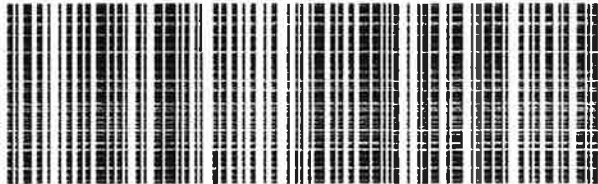
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TRK# 7736 4296 5374  
0201

**TUE - 06 NOV 3:00P  
STANDARD OVERNIGHT**

**43 GLSA**

77581  
TX-US IAH



**After printing this label:**

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

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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,

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,

A handwritten signature in blue ink that reads "Burgess Stengl".

Burgess Stengl  
Environmental Manager

Cc: Mark Meadows, Blue Ridge Landfill  
Tim Telepak – Tetra Tech



ORIGIN ID:LKSA (713) 676-7669  
BURGESS STENGL

5757A OATES RD.

HOUSTON, TX 77078  
UNITED STATES US

SHIP DATE: 05NOV18  
ACTWGT: 0.50 LB  
CAD: 101557183/INET4040

BILL SENDER

TO JASON YBARRA, WASTE SECT. MANAGER  
TCEQ REGION 12  
5425 POLK ST STE H

HOUSTON TX 77023

(713) 767-3500

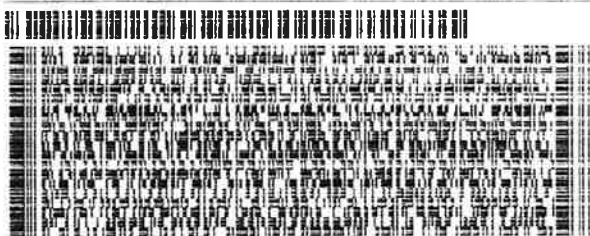
REF

INV

PC

DEPT

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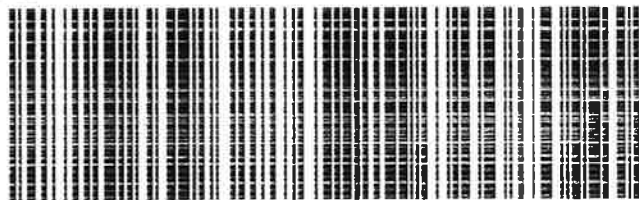


TUE - 06 NOV 3:00P  
STANDARD OVERNIGHT

TRK# 7736 4296 0762  
0201

43 EIXA

77023  
TX-US IAH



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