

MSW PA\_1505A\_CO\_20170417\_Investigation Report  
**Texas Commission on Environmental Quality**  
**Investigation Report**

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

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

---

**Regulated Entity Name: BLUE RIDGE LANDFILL**

**Regulated Entity Number: RN102610102**

**Investigation # 1408244**

**Incident Numbers**

255528	255511
255534	255525
255496	255521
255544	255490
255526	255522
255505	255503
255557	255556
255500	255516
255535	255506
255537	255489
255487	255564
255507	255497
255533	255536
255549	255563
255546	255538
255540	255512
255488	255519
255553	255524
255550	255541
255515	255492
255530	255558
255532	255498
255561	255520
255501	255514
255543	255562

**Investigator:** RICHARD BLACKNEY

**Site Classification** TYPE 1

**Conducted:** 04/17/2017 -- 07/19/2017

**NAIC Code:** 562212

**SIC Code:** 4953

**SIC Code:** 1521

**Program(s):** MUNICIPAL SOLID WASTE DISPOSAL

**Investigation Type:** Compliance Investigation

**Location:** LOCATED ON 2200 FM 521

**Additional ID(s):** 1505A

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

**Local Unit:** REGION 12 - HOUSTON

**Activity Type(s):** MSWC MPL - Investigation of MSW  
complaint

**Principal(s):**

**Role**  
RESPONDENT

**Name**  
BLUE RIDGE LANDFILL TX LP

**Contact(s):**

**BLUE RIDGE LANDFILL - FRES**

4/17/2017 to 7/19/2017 Inv. # - 1408244

Page 2 of 4

Role	Title	Name	Phone
PARTICIPATED IN	LANDFILL OPERATIONS MANAGER	MR MATT MONTAGNA	Work (281) 668-9739
PARTICIPATED IN	ENVIRONMENTAL MANAGER	MR BURGESS STENGL	Office (713) 676-7669
REGULATED ENTITY MAIL CONTACT	ENVIRONMENTAL MANAGER	MR BURGESS STENGL	Office (713) 676 7669

**Other Staff Member(s):**

Role	Name
Supervisor	ALMA JEFFERSON
QA Reviewer	TOM COLLINS

**Associated Check List**

<u>Checklist Name</u>	<u>Unit Name</u>
MSW COMPLAINT INVESTIGATION	complaint

**Investigation Comments:**

**INTRODUCTION**

On April 3, 4, 5, 6, 7, 10, 11, 13, 17 and 18, 2017, the Texas Commission on Environmental Quality (TCEQ) Houston Region Office received 106 complaints regarding Blue Ridge Landfill (BRL) located at 2200 FM 521 Road, Fresno (Fort Bend County), Texas 77545. Ninety complaints alleged odors on March 25, 29, 30, 31, April 2, 3, 5, 6, 7, and 17, 2017, and 17 complaints alleged excessive birds in the area on April 1, 2, 4, 5, 7, 8, 9, 13 and 16, 2017.

On April 17, 2017, Mr. Richard Blackney, Environmental Investigator for the TCEQ Houston Region Office, conducted an unannounced Odor Complaint Investigation at BRL and the area surrounding it.

**BACKGROUND**

At the time of the investigation, BRL had active alleged violations for failure to prevent nuisance odor conditions and failure to perform surface emissions monitoring in accordance with 40 Code of Federal Regulations Part 60. Agreed Order Docket No. 2016-1923-AIR-E was proposed as a result of the alleged violations.

**GENERAL FACILITY AND PROCESS INFORMATION**

BRL's authorization numbers from the TCEQ Central Registry database are included in Attachment 1. 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 am to 5:00 pm, and Saturdays from 5:30 am to 12:00 pm. The surrounding land use includes industrial facilities and residential subdivisions.

**Complainant Information:**

See confidential files (TCEQ Incident Nos. 255487, 255488, 255489, 255490, 255492, 255496, 255497, 255498, 255500, 255501, 255503, 255505, 255506, 255507, 255511, 255512, 255514, 255515, 255516, 255519, 255520,

255521, 255522, 255524, 255525, 255526, 255528, 255530, 255532, 255533, 255534, 255535, 255536, 255537, 255538, 255540, 255541, 255543, 255544, 255546, 255549, 255550, 255553, 255556, 255557, 255558, 255561, 255562, 255563, 255564, 255567, 255568, 255717, 255718, 255720, 255728, 255731, 255736, 255738, 255932, 255933, 255935, 255938, 255940, 255943, 255950, 255953, 255958, 255962, 255968, 255971, 255974, 255994, 256002, 256007, 256011, 256018, 256028, 256046, 256047, 256048, 256049, 256050, 256051, 256053, 256167, 256173, 256175, 256177, 256185, 256186, 256191, 256193, 256201, 256202, 256204, 256205, 256206, 256207, 256209, 256212, 256213, 256353, 256462, 256463 and 256520). Some of the incidents for this complaint are included in Data Maintenance File Review Nos. 1408407 and 1408408.

Description of Alleged Effects:

Headache, watering of the eyes, nasal burning, difficulty breathing, coughing, nausea and dizziness were alleged as occurring due to the odors.

Meteorological data at the time of the odor survey:

Resultant Wind Direction: South-Southeast

Resultant Wind Speed: 5.8 mph

Outdoor Temperature: 76.0 °F

Meteorological data taken from TCEQ's continuous air monitoring station (Attachment 2).

Odor Survey (OS):

The investigator arrived at the first survey point at the 16600 block of W Ripple Ridge Drive in Houston. OS No. 1 took place downwind of BRL and was conducted at 9:24 a.m. No landfill odors were detected during the 15 minutes spent at OS site No. 1.

The investigator went to OS site No. 2 located 16600 block of Sidonie Drive in Houston. OS No. 2 took place downwind of BRL and was conducted at 9:43 a.m. An odor typical of landfill garbage was detected for two of the 20 minutes spent at OS site No. 2, averaging to very light.

Aerial view maps of the OS locations and the OS logs are included in Attachment 2.

Summary of on-site investigation:

Following the odor survey, the investigator arrived at BRL, and met with Mr. Matt Montagna, Landfill Operations Manager, and Mr. Burgess Stengl, Environmental Manager, to whom the purpose and scope of the investigation were explained.

BRL receives Class 1 waste in its Class 1 disposal cell Monday through Friday, and receives MSW in the MSW cell Monday through Saturday. Six inches of soil is applied to the Class 1 cell and MSW cell at the end of each operating day. The investigator viewed the MSW and Class 1 working faces, by which piles of soil were observed. The investigator obtained a copy of the MSW working face cover log for April 2017 (Attachment 3).

BRL has a system of misters for the purpose of neutralizing odors. The investigator viewed the misting system in operation. BRL has also installed and began operating another odor control system, this one using vapor rather than mist.

BRL must control excessive birds at the working face area by using pyrotechnic devices, or an alternative bird abatement program. The investigator observed that a landfill employee was equipped with a hand-held launcher that scares birds from the working face by firing audible pyrotechnics. BRL documents that the bird abatement program is operating and effective on their Daily Inspections Reports. Daily Inspection Reports for April 2017 are included in Attachment 4.

Description of Odor:

Odors typical of landfill garbage were detected during the odor survey.

Description of the Effects on the Investigator:

No health effects were experienced by the investigator.

Description of the Terrain Features of the Area:

Terrain is flat with residences and businesses.

BLUE RIDGE LANDFILL - FRESH

4/17/2017 to 7/19/2017 Inv. # - 1408244

Page 4 of 4

Location of the Source of the Odor:

While off-site, the investigator detected odors from Blue Ridge Landfill.

ODOR FIDO CHART EVALUATION:

According to the Frequency, Intensity, Duration, and Offensiveness (FIDO) protocol, the odor of landfill garbage is characterized as "offensive". As landfill odors were previously detected during odor surveys conducted on February 27 and March 14, 2017, the frequency of odors documented by the investigator was a monthly occurrence. According to FIDO protocol, a nuisance condition was not confirmed.

ADDITIONAL INFORMATION

Agreed Order Docket No. 2016-1923-AIR-E was signed by the TCEQ on July 12, 2017, and includes technical requirements for minimizing odors.

CONCLUSION

Nuisance conditions were not confirmed during the investigation conducted on April 17, 2017.

**No Violations Associated to this Investigation**

Signed Richard Blackay  
Environmental Investigator

Date 7-24-2017

Signed Alma L. Jefferson  
Supervisor

Date 07/24/2017

Attachments: (in order of final report submittal)

- Enforcement Action Request (EAR)
- Letter to Facility (specify type) : no action
- Investigation Report
- Sample Analysis Results
- Manifests
- Notice of Registration

- Maps, Plans, Sketches
- Photographs
- Correspondence from the facility
- Other (specify) : See list of attachments

MSW PA\_1505A\_CO\_20170417\_Investigation Report  
Texas Commission on Environmental Quality  
Investigation Report

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

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

---

**Regulated Entity Name: BLUE RIDGE LANDFILL**  
**Regulated Entity Number: RN102610102**

**Investigation # 1408407**

**Incident Numbers**

256204	255943
255974	256050
256047	256206
256209	255962
256018	255994
256028	255717
255968	256191
256048	255953
256201	256007
255736	256193
255938	255933
256185	256049
256051	255718
256177	256175
255738	255728
256205	255568
256011	255971
256053	255940
256167	255731
256002	256046
256173	255720
255958	255932
256207	255567
256202	256186
255950	255935

**Investigator:** RICHARD BLACKNEY

**Site Classification** TYPE 1

**Conducted:** 04/17/2017 -- 07/19/2017

**NAIC Code:** 562212

**SIC Code:** 4953

**SIC Code:** 1521

**Program(s):** MUNICIPAL SOLID WASTE DISPOSAL

**Investigation Type:** Data Maintenance File Review

**Location:** LOCATED ON 2200 FM 521

**Additional ID(s):** 1505A

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

**Local Unit:**

**Activity Type(s):**

**Principal(s):**

**Role**

**Name**

RESPONDENT

BLUE RIDGE LANDFILL TX LP

**Contact(s):**

Role	Title	Name	Phone
------	-------	------	-------

**Other Staff Member(s):**

Role	Name
Supervisor	ALMA JEFFERSON

**Associated Check List**

<u>Checklist Name</u>	<u>Unit Name</u>
-----------------------	------------------

**Investigation Comments:**

This Data Maintenance File Review was created to associate additional incidents for Investigation No. 1408244.

**No Violations Associated to this Investigation**

Signed Richard Blackney  
Environmental Investigator

Date 7-24-2017

Signed Alma L. Jefferson  
Supervisor

Date 07/24/2017

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

Enforcement Action Request (EAR)

Letter to Facility (specify type): no action

Investigation Report

Sample Analysis Results

Manifests

Notice of Registration

Maps, Plans, Sketches

Photographs

Correspondence from the facility

Other (specify):

see list of attachments

MSW PA\_1505A\_CO\_20170417\_Investigation Report  
**Texas Commission on Environmental Quality**  
**Investigation Report**

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

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

---

**Regulated Entity Name: BLUE RIDGE LANDFILL**

**Regulated Entity Number: RN102610102**

**Investigation #** 1408408

**Incident Numbers**

256213	256353
256463	256462
256212	256520

**Investigator:** RICHARD BLACKNEY

**Site Classification** TYPE 1

**Conducted:** 04/17/2017 -- 07/19/2017

**NAIC Code:** 562212

**SIC Code:** 4953

**SIC Code:** 1521

**Program(s):** MUNICIPAL SOLID WASTE DISPOSAL

**Investigation Type:** Data Maintenance File Review

**Location:** LOCATED ON 2200 FM 521

**Additional ID(s):** 1505A

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

**Local Unit:**

**Activity Type(s):**

**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>
-------------	--------------	-------------	--------------

**Other Staff Member(s):**

<b>Role</b>	<b>Name</b>
Supervisor	ALMA JEFFERSON

**Associated Check List**

<b><u>Checklist Name</u></b>	<b><u>Unit Name</u></b>
------------------------------	-------------------------

**Investigation Comments:**

This Data Maintenance File Review was created to associate additional incidents for Investigation No. 1408244.

**No Violations Associated to this Investigation**

Signed Richard Blackney  
Environmental Investigator

Date 7-24-2017

Signed Alma L. Jefferson  
Supervisor

Date 07/24/2017

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

- Enforcement Action Request (EAR)
- Letter to Facility (specify type) : no action
- Investigation Report
- Sample Analysis Results
- Manifests
- Notice of Registration

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



Bryan W. Shaw, Ph.D., P.E., *Chairman*  
Toby Baker, *Commissioner*  
Jon Niemann, *Commissioner*  
Richard A. Hyde, P.E., *Executive Director*



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

July 24, 2017

Mr. Burgess Stengl  
Environmental Manager  
Blue Ridge Landfill TX LP  
P O Box 879  
Fresno, Texas 77545

Re: Investigation Request at:  
Blue Ridge Landfill, 2200 FM 521 Rd, Fresno, TX 77545-8214  
TCEQ MSW Permit No.: 1505A  
**Investigation Nos.: 1408244, 1408407, 1408408**

Dear Mr. Stengl:

The Texas Commission on Environmental Quality (TCEQ) Houston Region Office received on April 3, 4, 5, 6, 7, 10, 11, 13, 17 and 18, 2017 requests for assistance regarding the odor and/or excessive birds at the above-referenced facility. In response to this request, Mr. Richard Blackney of this office conducted an investigation on April 17, 2017. No violations are being alleged as a result of the investigation.

For more information about our complaint process, you may access the publication GI-278: *Do You Want to Make an Environmental Complaint? Do You Have Information or Evidence?* on our website at [www.tceq.texas.gov](http://www.tceq.texas.gov).

We appreciate your assistance in this matter and your interest in protecting the quality of our environment. If you have any questions concerning these findings, or if we can be of further assistance, please contact Mr. Blackney at this office (713) 767-3718.

Sincerely,

A handwritten signature in cursive script that reads "Alma L. Jefferson".

Alma L. Jefferson, Team Leader  
Waste Section  
Houston Region Office

ALJ/RLB/rsv

**Blue Ridge Landfill**  
**2200 F.M. 521, Fresno (Fort Bend County), TX 77545**  
**Municipal Solid Waste Permit No. 1505A**  
**MSW Complaint Investigation**  
**Conducted on April 17, 2017**

List of Attachments

- |              |   |
|--------------|---|
| Attachment 1 | Blue Ridge Landfill information from the TCEQ Central Registry Database |
| Attachment 2 | Meteorological Information, Map of Odor Survey locations and Odor Logs  |
| Attachment 3 | April 2017 Cover Log  |
| Attachment 4 | April 2017 Daily Inspection Reports                                     |

# ATTACHMENT 1

[Questions or Comments >>](#)

[Query Home](#) | 
 [Customer Search](#) | 
 [RE Search](#) | 
 [ID Search](#) | 
 [Document Search](#) | 
 [Search Results](#) | 
 [TCEQ Home](#)

## Central Registry Query - Regulated Entity Information

### Regulated Entity Information

**RN Number:** RN102610102  
**Name:** BLUE RIDGE LANDFILL  
**Primary Business:** MUNICIPAL SOLID WASTE LANDFILL  
**Street Address:** 2200 FM 521 RD, FRESNO TX 77545 8214  
**County:** FORT BEND  
**Nearest City:** FRESNO  
**State:** TX  
**Near ZIP Code:** 77545  
**Physical Location:** LOCATED ON 2200 FM 521

### Affiliated Customers - Current

Your Search Returned 5 Current Affiliation Records ( [View Affiliation History](#) )

The Customer Name displayed may be different than the Customer Name associated to the Additional IDs related to the customer. This name may be different due to ownership changes, legal name changes, or other administrative changes.

#### 1-5 of 5 Records

CN Number ▲	Customer Name	Customer Role(s)	Details
CN600343826	BF1 WASTE SYSTEMS OF NORTH AMERICA INC	OWNER OPERATOR	↔
CN601527903	BF1 WASTE SERVICES OF TEXAS LP	OWNER	↔
CN601721657	LONGHORN EXCAVATORS INC	OPERATOR	↔
CN602805000	BLUE RIDGE LANDFILL TX LP	OWNER OPERATOR	↔
CN603713595	GRISHAM & JHA GROUP LLC	OPERATOR	↔

### Industry Type Codes

Code	Classification	Name
562212	NAICS	Solid Waste Landfill
1521	SIC	General Contractors-Single-Family Houses
1629	SIC	Heavy Construction
1794	SIC	Excavation Work
4953	SIC	Refuse Systems

### Permits, Registrations, or Other Authorizations

There are a total of 21 programs and IDs for this regulated entity. Click on a column name to change the sort order.

#### 1-21 of 21 Records

Program ▲	ID Type	ID Number	ID Status
AIR EMISSIONS INVENTORY	ACCOUNT NUMBER	FG0536E	ACTIVE
AIR NEW SOURCE PERMITS	ACCOUNT NUMBER	FG0536E	ACTIVE
AIR NEW SOURCE PERMITS	AFS NUM	4815700111	ACTIVE
AIR NEW SOURCE PERMITS	REGISTRATION	32691	CANCELLED
AIR NEW SOURCE PERMITS	REGISTRATION	51882	CANCELLED
AIR NEW SOURCE PERMITS	REGISTRATION	55939	CANCELLED
AIR NEW SOURCE PERMITS	REGISTRATION	77271	CANCELLED
AIR NEW SOURCE PERMITS	REGISTRATION	77703	CANCELLED
AIR NEW SOURCE PERMITS	REGISTRATION	111004	ACTIVE
AIR OPERATING PERMITS	ACCOUNT NUMBER	FG0536E	ACTIVE
AIR OPERATING PERMITS	PERMIT	1472	ACTIVE
INDUSTRIAL AND HAZARDOUS WASTE	SOLID WASTE REGISTRATION # (SWR)	89429	ACTIVE
MUNICIPAL SOLID WASTE DISPOSAL	PERMIT	1505	INACTIVE
MUNICIPAL SOLID WASTE DISPOSAL	PERMIT	1505A	ACTIVE
PETROLEUM STORAGE TANK REGISTRATION	REGISTRATION	64950	ACTIVE
PETROLEUM STORAGE TANK STAGE II			
STORMWATER	PERMIT	TXR05N415	CANCELLED
STORMWATER	PERMIT	TXR05S302	ACTIVE
STORMWATER	PERMIT	TXR15N296	CANCELLED
STORMWATER	PERMIT	TXR15Q354	EXPIRED
STORMWATER	PERMIT	TXR15RD60	EXPIRED

[Site Help](#) | 
 [Disclaimer](#) | 
 [Web Policies](#) | 
 [Accessibility](#) | 
 [Our Compact with Texans](#) | 
 [TCEQ Homeland Security](#) | 
 [Contact Us](#) | 
 [Central Registry](#) | 
 [Search Hints](#) | 
 [Report Data Errors](#)

[Statewide Links](#): 
 [Texas.gov](#) | 
 [Texas Homeland Security](#) | 
 [TRAIL Statewide Archive](#) | 
 [Texas Veterans Portal](#)

© 2002 - 2017 Texas Commission on Environmental Quality

**ATTACHMENT 2**



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Calibrations Air Quality Maps Data Reports AutoGC Water Data Comms Log Files Configuration Site Info

### Manvel Croix Park C84 Daily Summary

Use the controls below to select a different date or time format. Click on the Generate Report button once you have made your selections.

Click on the Plot Data button once the tabular report has been generated to open a separate window containing data plots.

CAMS 84 Manvel Croix Park C84 ▼ Select a different site

Month: Day: Year: Time Format:  
 April ▼ 17 ▼ 2017 ▼ 12 Hour (AM/PM) ▼

Green underline for validated data  
 Include Non-Public Monitors  
 Emulate WWW Report

The table below contains hourly averages for all the pollutants and meteorological conditions measured at Manvel Croix Park C84 for Monday, April 17, 2017. All times shown are in CST.

Parameter Measured	Morning											Afternoon											Parameter		
	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
Nitric Oxide	-0.2	-0.2	-0.2	<b>1.7</b>	1.7	1.2	1.1	1.4	0.3	0.1	-0.1	-0.0	0.1	0.0	-0.1	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2	<b>-0.3</b>	-0.3	Nitric Oxide	
Nitrogen Dioxide	1.6	1.3	<b>1.2</b>	9.1	<b>10.4</b>	8.7	7.0	5.3	3.0	2.9	1.9	2.1	2.3	2.1	2.0	2.4	2.2	2.4	4.8	7.2	6.8	8.2	2.7	1.6	Nitrogen Dioxide
Oxides of Nitrogen	1.3	1.0	<b>0.9</b>	10.7	<b>12.0</b>	9.8	8.0	6.7	3.2	3.0	1.8	2.0	2.4	2.0	1.9	2.3	1.9	2.2	4.6	7.0	6.5	7.9	2.4	1.2	Oxides of Nitrogen
Ozone	18	14	10	<b>2</b>	4	8	12	18	25	31	36	38	<b>39</b>	39	36	34	31	34	33	26	22	19	28	27	Ozone
Wind Speed	2.9	<i>1.1</i>	<i>1.1</i>	<i>1.1</i>	<i>1.1</i>	3.8	4.3	4.6	6.9	6.2	10.2	10.8	<b>11.5</b>	11.1	11.3	10.2	10.1	7.8	4.3	2.6	2.6	2.3	3.2	<b>1.4</b>	Wind Speed
Resultant Wind Speed	2.8	<i>1.1</i>	<i>1.1</i>	<i>1.1</i>	<i>1.1</i>	3.8	4.2	4.4	6.7	5.8	9.7	10.3	<b>11.0</b>	10.6	10.8	10.0	9.9	3.6	4.1	2.3	<b>1.2</b>	2.2	3.1	1.2	Resultant Wind Speed
Resultant Wind Direction	176	<i>111</i>	<i>111</i>	<i>111</i>	<i>111</i>	91	101	123	160	167	148	141	141	139	149	160	162	224	<b>327</b>	<b>31</b>	71	68	86	103	Resultant Wind Direction
Maximum Wind Gust	5.0	<b>0.3</b>	0.3	0.3	5.5	6.8	9.1	9.0	11.9	15.5	17.5	19.4	<b>10.5</b>	18.6	<b>20.3</b>	17.1	17.5	16.3	13.2	7.5	12.5	6.7	7.1	8.3	Maximum Wind Gust
Std. Dev. Wind Direction	13	<i>1.1</i>	<i>1.1</i>	<i>1.1</i>	<i>1.1</i>	<b>10</b>	13	18	15	19	19	17	17	17	18	12	11	59	21	27	<b>60</b>	13	13	28	Std. Dev. Wind Direction
Outdoor Temperature	69.2	68.8	68.3	67.8	<b>67.5</b>	67.7	68.5	71.5	74.9	76.0	79.9	80.5	<b>80.9</b>	80.5	79.8	78.1	76.9	73.1	68.8	69.4	68.7	68.7	67.7	67.5	Outdoor Temperature
Internal Station Temperature	81.5	<b>81.4</b>	81.5	81.4	81.5	81.5	81.8	81.7	82.0	82.1	82.2	<b>82.6</b>	82.6	82.6	82.6	82.2	82.0	81.7	81.5	81.5	81.5	81.5	81.5	81.5	Internal Station Temperature
Parameter Measured	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	Parameter Measured
Morning													Afternoon												
Maximum values for each parameter are <b>bold</b> within the table. Minimum values are <b>bold italic</b> .																									
R - Data from this instrument meets EPA quality assurance criteria for regulatory purposes.																									

### Previous Day

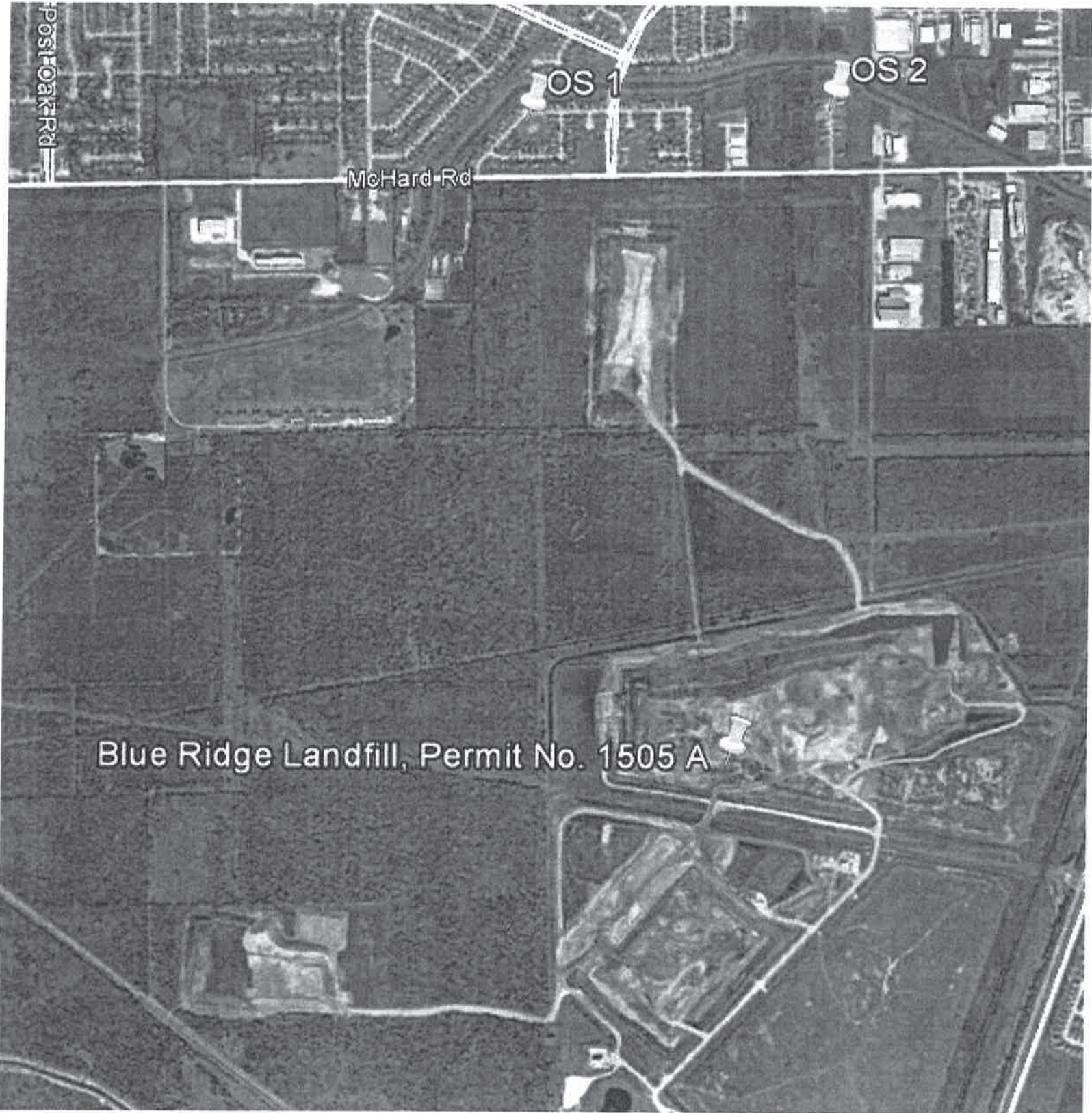
April 16, 2017

Daily maxima and minima for CAMS 84.

All times shown are CST.

Parameter	POC	Daily Maximum		Daily Minimum	
		Value	Hour	Value	Hour
Nitric Oxide	1	0.3	7:00 am	-0.3	6:00 pm
Nitrogen Dioxide	1 R	5.3	6:00 am	0.8	3:00 pm
Oxides of Nitrogen	1	5.5	6:00 am	0.6	5:00 pm
Ozone	1 R	41	3:00 pm	11	5:00 am
Wind Speed	1	13.6	2:00 pm	0.3	4:00 am
Resultant Wind Speed	1	13.2	2:00 pm	0.3	4:00 am
Resultant Wind Direction	1	168	11:00 pm	89	5:00 am
Maximum Wind Gust	1	23.6	2:00 pm	0.3	4:00 am
Std. Dev. Wind Direction	1	20	11:00 pm	7	5:00 am
Outdoor Temperature	1	81.9	2:00 pm	68.4	5:00 am
Internal Station Temperature	1	82.6	Noon	81.4	3:00 am
R - Data from this instrument meets EPA quality assurance criteria for regulatory purposes.					

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. Data is collected from TCEQ ambient monitoring sites and may include data collected by other outside agencies. This data is updated hourly. All



Post Oak Rd

OS 1

OS 2

McHard Rd

Blue Ridge Landfill, Permit No. 1505 A

OS 1

16600 block of Ripple Ridge

### Supplemental Investigator's Odor Intensity Time Log

Date of Investigation: 4-17-17 Start Time: 9:24am

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

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

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

**Weighted Average Intensity:**

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



052 16600 block of Sidonie

Supplemental Investigator's Odor Intensity Time Log

Date of Investigation: 4-17-17 Start Time: 9:43

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

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

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

Weighted Average Intensity:

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

# ATTACHMENT 3



- 1
- 2
- 3 Repair Erosions Phase III South Slope AA-608, made Rain Booms Phase III South Slope, m.m.-s.s
- 4 Repair Erosions Phase III South Slope M-2 made Rain Booms Phase III South Slope, Gig-mm
- 5 Repair Erosions on Phase III South Slope J-M new West Slope made new Rain Booms on Phase III South Slope
- 6 Repair Erosions on Phase III North Slope J-T made new Booms on Phase III South Slope
- 7 Repair Erosions on Phase III North Slope T-AA started Rain Booms North Slope J-T Phase III
- 8 Repair Erosions on Phase III North Slope AA-JC completed Rain Booms North Slope near J-T Phase III
- 9 Moved Soil to Phase I West Slope, started Filling indentions nears Phase I West Slope
- 10 Repair Erosions Phase III North Slope KK-PP. Filled indentions nears Phase I West Slope
- 11 Remanded on Phase III North Slope II-KK. Continued with fill w/ of dirt on slope Phase I West Slope
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19
- 20
- 21
- 22
- 23
- 24
- 25
- 26
- 27
- 28
- 29
- 30
- 31

# ATTACHMENT 4



Blue Ridge Landfill, TCEQ Permit No. MSW-1505A

## DAILY INSPECTION REPORT

Place a check mark beside every item after inspection of that item has been completed and required actions are noted. This inspection must be performed daily.

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Month / Year	APRIL 2017					
Day / Time:						4-1-17 9:00 AM
Inspector Name:						Rick Lemmel
Site operations control odors at site perimeter. <sup>1</sup>						✓
Litter collected from working face area, wind fences, access roads, entrance areas, ditches, and perimeter fence.						✓
Condition of on-site and access roads is acceptable. <sup>2</sup>						✓
On-site populations of disease vectors (i.e. insects and rodents) controlled.						✓
Bird Abatement Program operating and effective.						✓
Water tanks/trucks contain at least 2,000 gallons of water.						✓

Additional Observations / Comments / Corrective Action:

---



---



---



---

<sup>1</sup> Refer to SOP Section 4.10 for odor response procedures.

<sup>2</sup> Refer to SOP Section 4.12.



Blue Ridge Landfill, TCEQ Permit No. MSW-1505A

### DAILY INSPECTION REPORT

Place a check mark beside every item after inspection of that item has been completed and required actions are noted. This inspection must be performed daily.

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Month / Year	APRIL 2017					
Day / Time:	4-3-17 10:00 AM	4-4-17 10:00 AM	4-5-17 11:00 AM	4-6-17 11:00 AM	4-7-17 11:30 AM	4-8-17 9:00
Inspector Name:	Rick Lemmel	Rick Lemmel	Rick Lemmel	Rick Lemmel	Rick Lemmel	Randy Conley
Site operations control odors at site perimeter. <sup>1</sup>	✓	✓	✓	✓	✓	✓
Litter collected from working face area, wind fences, access roads, entrance areas, ditches, and perimeter fence.	✓	✓	✓	✓	✓	✓
Condition of on-site and access roads is acceptable. <sup>2</sup>	✓	✓	✓	✓	✓	✓
On-site populations of disease vectors (i.e. insects and rodents) controlled.	✓	✓	✓	✓	✓	✓
Bird Abatement Program operating and effective.	✓	✓	✓	✓	✓	✓
Water tanks/trucks contain at least 2,000 gallons of water.	✓	✓	✓	✓	✓	✓

Additional Observations / Comments / Corrective Action:

---



---



---



---

1 Refer to SOP Section 4.10 for odor response procedures.

2 Refer to SOP Section 4.12.



Blue Ridge Landfill, TCEQ Permit No. MSW-1505A

## DAILY INSPECTION REPORT

Place a check mark beside every item after inspection of that item has been completed and required actions are noted. This inspection must be performed daily.

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Month / Year	APRIL 2017					
Day / Time:	4-10-17 10:30 AM	4-11-17 11:00 AM	4-12-17 11:00 AM	4-13-17 11:00 AM	4-14-15 11:00 AM	4-15-17 10:30 AM
Inspector Name:	Rick Lemmel	Rick Lemmel	Rick Lemmel	Rick Lemmel	Rick Lemmel	Rick Lemmel
Site operations control odors at site perimeter. <sup>1</sup>	✓	✓	✓	✓	✓	✓
Litter collected from working face area, wind fences, access roads, entrance areas, ditches, and perimeter fence.	✓	✓	✓	✓	✓	✓
Condition of on-site and access roads is acceptable. <sup>2</sup>	✓	✓	✓	✓	✓	✓
On-site populations of disease vectors (i.e. insects and rodents) controlled.	✓	✓	✓	✓	✓	✓
Bird Abatement Program operating and effective.	✓	✓	✓	✓	✓	✓
Water tanks/trucks contain at least 2,000 gallons of water.	✓	✓	✓	✓	✓	✓

Additional Observations / Comments / Corrective Action:

---



---



---



---

<sup>1</sup> Refer to SOP Section 4.10 for odor response procedures.

<sup>2</sup> Refer to SOP Section 4.12.