

# Texas Commission on Environmental Quality Investigation Report

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

INFORMATION  
FOR RISK FILE ROOM

**Regulated Entity Name: BLUE RIDGE LANDFILL**

**Regulated Entity Number: RN102610102**

**Investigation #** 1314675

**Incident Numbers**

228339	227884
228264	228284
228601	228568
227932	227885
227882	227883
228565	228563

**Investigator:** RICHARD BLACKNEY

**Site Classification** TYPE 1

**Conducted:** 03/02/2016 -- 03/02/2016

**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	Name
RESPONDENT	BLUE RIDGE LANDFILL TX LP

**Contact(s):**

Role	Title	Name	Phone
REGULATED ENTITY MAIL CONTACT	ENVIRONMENTAL MANAGER	MR BURGESS STENGL	Office (713) 676-7669
PARTICIPATED IN	LANDFILL OPERATIONS MANAGER	MR MATT MONTAGNA	Work (713) 676-7664
REGULATED ENTITY CONTACT	ENVIRONMENTAL MANAGER	MR BURGESS STENGL	Office (713) 676-7669
PARTICIPATED IN	ENVIRONMENTAL MANAGER	MR BURGESS STENGL	Office (713) 676-7669

**Other Staff Member(s):**

<b>Role</b>	<b>Name</b>
Investigator	ANDREW EVANS
QA Reviewer	REYNA LOOSMORE
QA Reviewer	TOM COLLINS
Supervisor	ALMA JEFFERSON

**Associated Check List**

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

**Investigation Comments:**

**INTRODUCTION**

On February 17, 24 and 25, 2016 and March 1 and 2, 2016 the Texas Commission on Environmental Quality (TCEQ) Houston Region Office received 12 complaints alleging odors from Blue Ridge Landfill (BRL) located at 2200 FM 521, Fresno (Fort Bend County), Texas 77545. The odors were alleged to have occurred on February 15, 16, 17, 24, 25, 26, 27 and 29, 2016, and March 1, 2016.

On March 2, 2016, Mr. Richard Blackney and Mr. Andrew J. Evans, Environmental Investigators of the Texas Commission on Environmental Quality (TCEQ) Houston Region Office, conducted an unannounced Odor Complaint Investigation at BRL and the area surrounding it.

**BACKGROUND**

The most recent Waste Section Odor Complaint Investigations (Nos. 1300533 and 1308059) at BRL were conducted on December 18, 2015 and February 2, 2016. One alleged violation for erosion of cover was noted and remains outstanding. One additional issue for windblown waste was also noted and remains unaddressed.

**GENERAL FACILITY AND PROCESS INFORMATION**

BRL 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 accept municipal solid waste including household solid waste, commercial solid waste, construction and demolition waste, and yard waste; Class 1, Class 2 and Class 3 non-hazardous industrial waste; and certain special wastes. Class 1 waste is buried in the designated Class 1 cell of the landfill. The special waste currently accepted includes: dead animals, sludge and Class 2 industrial 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. 227882, 227883, 227884, 227885, 227932, 228264, 228284, 228339, 228563, 228565, 228568, and 228601).

**Description of Alleged Effects:**

No health effects were alleged from the odors.

Meteorological data at the time of the odor survey (March 2, 2016 -- 9:30am to 10:30am)

Wind direction: E

Wind Speed: 12.1 to 13.1 mph

Temperature: 61.4 to 63.7°F

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

The investigators went to Odor Survey (OS) No. 1 located approximately 500 feet north of the intersection of Evergreen St and California St. OS No. 1 took place crosswind of BRL and was conducted at 10:13 a.m. No odors

were detected during the 15 minutes spent at OS No. 1.

The investigators then went to OS No. 2 located approximately 750 feet north of the intersection of Evergreen St and S Post Oak Blvd. OS No. 2 took place crosswind of BRL and was conducted at 10:31 a.m. No odors were detected during the 15 minutes spent at OS No. 2.

An aerial view map of the OS locations and the OS logs are included in Attachment 3.

Summary of on-site investigation:

Following the odor survey, the investigators arrived at BRL at approximately 11:00 a.m., 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 has a system of misters for the purpose of neutralizing odors. According to the facility representatives, BRL has extended the mister system by hundreds of feet on the eastern portion of the landfill, as well as to the east of the Class 1 cell. The investigators viewed the new extensions of the misting system in operation.

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 representatives drove the investigators to the MSW and Class 1 working faces, by which piles of soil were observed. The windblown waste that had been observed on February 2, 2016 was gone. This is discussed further in the Summary of Investigation Findings section. The investigators obtained copies of the cover logs for February 2016 (Attachment 4). The cover logs indicated that soil was applied to the working faces as required. The cover logs also indicated that repair of the erosion of cover observed on December 18, 2015 had been completed on February 13, 2016.

The investigators observed the area on the northern slope of the landfill where erosion of cover had previously been observed, and the cover appeared to be repaired. A photograph taken by Mr. Blackney is included in Attachment 5. However, another area of erosion was observed, and can also be seen in Attachment 5. This is discussed further in the Summary of Investigation Findings section.

Description of Odor:

Odors typical of landfill garbage were not detected during the odor survey.

Description of the Effects on the Investigators:

No health effects were experienced by the investigators.

Description of the Terrain Features of the Area:

Terrain is flat with residences and businesses.

Location of the Source of the Odor:

The alleged source of the odor is BRL.

ODOR FIDO CHART EVALUATION:

According to the Frequency Intensity Duration Offensiveness (FIDO) protocol, the odor of landfill garbage is characterized as "offensive". Based on previous investigations, the frequency of documented odors is quarterly.

Physical Effects Experienced by the Investigators which are Indicative of Adverse Effects upon Health:

The investigators did not experience any physical effects during the investigation.

Normal use of Property Affected by the Odor and the Manner in which such Odor could Reasonably be Expected to Interfere with this Use:

According to FIDO protocol, a nuisance condition was not confirmed.

SUMMARY OF INVESTIGATION FINDINGS

OUTSTANDING ALLEGED VIOLATION

The following alleged violation was noted during the investigation conducted on December 18, 2015 and remains outstanding:

Site Operating Plan 4.18 / 30 Texas Administrative Code §330.165(g) – Landfill Cover (Category C4)

Erosion gullies that are four or more inches deep on final or intermediate cover must be repaired within five days of detection by restoring the cover material, grading, compacting, and seeding unless the commission's regional office approves otherwise, based on the extent of the damage requiring more time to repair or the repairs are delayed because of weather conditions. The date of detection of erosion and date of completion of repairs, including reasons for any delays, must be documented in the cover inspection record.

Erosion of cover was observed at Blue Ridge Landfill on December 18, 2015, and the date of detection was not in the cover log, nor a reason for delay of repair of cover.

On January 5, 2016, the facility representative sent photographs to the TCEQ showing repair of cover. On February 2, 2016, the area was observed by the investigator to have been largely repaired, but it appeared there remained some gullies where cover was eroded by more than four inches. On March 2, 2016, the area appeared to have been repaired, and the cover log from February 2016 was viewed which indicated that repair of cover was completed on February 13, 2016. However, on March 2, 2016, another area of erosion of cover was observed. Blue Ridge Landfill is requested to restore the cover material and include the date of completion of repairs in the cover log. The facility is requested to submit documentation to the TCEQ Houston Region Office to verify compliance.

**ADDRESSED ADDITIONAL ISSUE**

The following additional issue was noted during the investigation conducted on February 2, 2016 and has been addressed:

Windblown waste was previously observed on the premises of the landfill. The facility representatives were requested to pick up the waste.

This additional issue was addressed based on no windblown waste being observed during the investigation on March 2, 2016.

**OUTSTANDING ALLEGED VIOLATION(S)**

**Track Number:** 598524

**Compliance Due Date:** To Be Determined

**Violation Start Date:** Unknown

**30 TAC Chapter 330.165(g)**

**PERMIT 1505A, Site Operating Plan 4.18.3**

Erosion gullies or washed-out areas will be repaired within 5 days of detection by restoring the cover material, grading, compacting, and seeding.

**Alleged Violation:**

**Investigation:** 1300533

Comment Date: 03/18/2016

Erosion gullies that are four or more inches deep on final or intermediate cover must be repaired within five days of detection by restoring the cover material, grading, compacting, and seeding unless the commission's regional office approves otherwise, based on the extent of the damage requiring more time to repair or the repairs are delayed because of weather conditions. The date of detection of erosion and date of completion of repairs, including reasons for any delays, must be documented in the cover inspection record.

Erosion of cover was observed at Blue Ridge Landfill on December 18, 2015, and the date of detection was not in the cover log, nor a reason for delay of repair of cover.

**Investigation: 1308059**

Comment Date: 04/05/2016

Erosion gullies that are four or more inches deep on final or intermediate cover must be repaired within five days of detection by restoring the cover material, grading, compacting, and seeding unless the commission's regional office approves otherwise, based on the extent of the damage requiring more time to repair or the repairs are delayed because of weather conditions. The date of detection of erosion and date of completion of repairs, including reasons for any delays, must be documented in the cover inspection record.

Erosion of cover was observed at Blue Ridge Landfill on December 18, 2015, and the date of detection was not in the cover log, nor a reason for delay of repair of cover.

**Investigation: 1314675**

Comment Date: 04/22/2016

Compliance with this regulation was evaluated during investigations on February 2, 2016 and March 2, 2016.

**Recommended Corrective Action:** On January 5, 2016, the facility representative sent photographs to the TCEQ showing repair of cover. On February 2, 2016, the area was observed by the investigator to have been largely repaired, but it appeared there remained some gullies where cover was eroded by more than four inches. On March 2, 2016, the area appeared to have been repaired, and the cover log from February 2016 was viewed which indicated that repair of cover was completed on February 13, 2016. However, on March 2, 2016, another area of erosion of cover was observed. Blue Ridge Landfill is requested to restore the cover material and include the date of completion of repairs in the cover log. The facility is requested to submit documentation to the TCEQ Houston Region Office to verify compliance.

**Additional Issues**

Description      Item 2

Additional Comments

Windblown waste was previously observed on the premises of the landfill. The facility representatives were requested to pick up the waste.

This additional issue was addressed based on no windblown waste being observed during the investigation on March 2, 2016.

Signed Richard Blackner  
Environmental Investigator

Date 04/29/2016

Signed Alma L. Jefferson  
Supervisor

Date 04/29/2016

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

Enforcement Action Request (EAR)

Letter to Facility (specify type): additional

Investigation Report

Sample Analysis Results

Manifests

Notice of Registration

Compliance request

Maps, Plans, Sketches

Photographs

Correspondence from the facility

Other (specify):

see list of attachments

# TCEQ Complaint Report

COPY

03/22/2016  
8:40:05AM

**Incident No:** 227882

**Media Type:** WASTE

**Start Date:** 2/16/2016

**Received Date:** 02/17/2016

**Method :** PHONE

**Staff Member:** RBLACKNE

**Status:** Closed

**Status Date:** 03/02/2016

**Priority:** Within 14 Calendar Days

---

**Regulated Entity:** BLUE RIDGE LANDFILL

**RN102610102**

**Address:** 2200 FM 521 RD  
FRESNO, FORT BEND County, TX 77545

**Physical Location:** LOCATED ON 2200 FM 521

**Responsible Party:** BLUE RIDGE LANDFILL TX LP

**Title:** ENVIRONMENTAL  
MANAGER

**Address:** 5757 OATES RD, HOUSTON, TX 77078

**Work Phone:** (713)676-7669

**Number Complaining:** 1

**Frequency:** CURRENT

**Alleged Source:** BLUE RIDGE LANDFILL

**Program Group:** MUNICIPAL  
SOLID WASTE - HIGH LEVEL

**Nature:** ODOR

**Effect:** ENVIRONMENTAL

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## Initial Problem

Complainant alleges a rotten egg smell.

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## Action Taken

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

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## Closure Comments

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

**Investigation Number:** 1314675

# TCEQ Complaint Report

OPY

03/22/2016  
8:39:02AM

**Incident No:** 227883  
**Media Type:** WASTE  
**Start Date:** 2/17/2016  
**Received Date:** 02/17/2016  
**Method :** EMAIL

**Staff Member:** RBLACKNE  
**Status:** Closed  
**Status Date:** 03/02/2016  
**Priority:** Within 14 Calendar Days

---

**Regulated Entity:** BLUE RIDGE LANDFILL

**RN102610102**

**Address:** 2200 FM 521 RD  
FRESNO, FORT BEND County, TX 77545  
**Physical Location:** LOCATED ON 2200 FM 521

**Responsible Party:** BLUE RIDGE LANDFILL TX LP

**Title:** ENVIRONMENTAL  
MANAGER

**Address:** 5757 OATES RD, HOUSTON, TX 77078  
**Work Phone:** (713)676-7669

**Number Complaining:** 1  
**Frequency:** CURRENT  
**Alleged Source:** BLUE RIDGE LANDFILL

**Program Group:** MUNICIPAL  
SOLID WASTE - HIGH LEVEL

**Nature:** ODOR  
**Effect:** ENVIRONMENTAL

---

## Initial Problem

The complainant alleges a rotten-like odor.

---

## Action Taken

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

---

## Closure Comments

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

**Investigation Number:** 1314675



# TCEQ Complaint Report

03/22/2016  
8:41:40AM

COPY

**Incident No:** 227885

**Media Type:** WASTE

**Start Date:** 2/16/2016

**Received Date:** 02/17/2016

**Method :** EMAIL

**Staff Member:** RBLACKNE

**Status:** Closed

**Status Date:** 03/02/2016

**Priority:** Within 14 Calendar Days

---

**Regulated Entity:** BLUE RIDGE LANDFILL

**RN102610102**

**Address:** 2200 FM 521 RD  
FRESNO, FORT BEND County, TX 77545

**Physical Location:** LOCATED ON 2200 FM 521

**Responsible Party:** BLUE RIDGE LANDFILL TX LP

**Title:** ENVIRONMENTAL  
MANAGER

**Address:** 5757 OATES RD, HOUSTON, TX 77078

**Work Phone:** (713)676-7669

**Number Complaining:** 1

**Frequency:** CURRENT

**Alleged Source:** BLUE RIDGE LANDFILL

**Program Group:** MUNICIPAL  
SOLID WASTE - HIGH LEVEL

**Nature:** ODOR

**Effect:** ENVIRONMENTAL

---

## Initial Problem

Complainant alleges a strong garbage-like odor.

---

## Action Taken

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

---

## Closure Comments

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

**Investigation Number:** 1314675

# TCEQ Complaint Report

03/22/2016  
8:40:50AM

COPY

**Incident No:** 227884

**Media Type:** WASTE

**Start Date:** 2/16/2016

**Received Date:** 02/17/2016

**Method:** EMAIL

**Staff Member:** RBLACKNE

**Status:** Closed

**Status Date:** 03/02/2016

**Priority:** Within 14 Calendar Days

---

**Regulated Entity:** BLUE RIDGE LANDFILL

**RN102610102**

**Address:** 2200 FM 521 RD  
FRESNO, FORT BEND County, TX 77545

**Physical Location:** LOCATED ON 2200 FM 521

**Responsible Party:** BLUE RIDGE LANDFILL TX LP

**Address:** 5757 OATES RD, HOUSTON, TX 77078

**Work Phone:** (713)676-7669

**Number Complaining:** 1

**Frequency:** CURRENT

**Alleged Source:** BLUE RIDGE LANDFILL

**Title:** ENVIRONMENTAL  
MANAGER

**Program Group:** MUNICIPAL  
SOLID WASTE - HIGH LEVEL

**Nature:** ODOR  
**Effect:** ENVIRONMENTAL

---

## Initial Problem

The complainant alleges a strong garbage odor.

---

## Action Taken

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

---

## Closure Comments

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

**Investigation Number:** 1314675

# TCEQ Complaint Report

COPY

03/22/2016  
8:43:08AM

**Incident No:** 228264

**Media Type:** WASTE

**Start Date:** 2/24/2016

**Received Date:** 02/24/2016

**Method :** PHONE

**Staff Member:** RBLACKNE

**Status:** Closed

**Status Date:** 03/02/2016

**Priority:** Within 30 Calendar Days

---

**Regulated Entity:** BLUE RIDGE LANDFILL

**RN102610102**

**Address:** 2200 FM 521 RD  
FRESNO, FORT BEND County, TX 77545

**Physical Location:** LOCATED ON 2200 FM 521

**Responsible Party:** BLUE RIDGE LANDFILL TX LP

**Title:** ENVIRONMENTAL  
MANAGER

**Address:** 5757 OATES RD, HOUSTON, TX 77078

**Work Phone:** (713)676-7669

**Number Complaining:** 1

**Frequency:** CURRENT

**Alleged Source:** BLUE RIDGE LANDFILL

**Program Group:** MUNICIPAL  
SOLID WASTE - HIGH LEVEL

**Nature:** ODOR

**Effect:** ENVIRONMENTAL

---

## Initial Problem

The complainant alleges a very strong odor.

---

## Action Taken

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

---

## Closure Comments

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

**Investigation Number:** 1314675

# TCEQ Complaint Report

COPY

03/22/2016  
8:42:18AM

**Incident No:** 227932  
**Media Type:** WASTE  
**Start Date:** 2/16/2016  
**Received Date:** 02/17/2016  
**Method :** PHONE

**Staff Member:** RBLACKNE  
**Status:** Closed  
**Status Date:** 03/02/2016  
**Priority:** Within 30 Calendar Days

---

**Regulated Entity:** BLUE RIDGE LANDFILL

**RN102610102**

**Address:** 2200 FM 521 RD  
FRESNO, FORT BEND County, TX 77545  
**Physical Location:** LOCATED ON 2200 FM 521

**Responsible Party:** BLUE RIDGE LANDFILL TX LP

**Title:** ENVIRONMENTAL  
MANAGER

**Address:** 5757 OATES RD, HOUSTON, TX 77078  
**Work Phone:** (713)676-7669

**Number Complaining:** 1  
**Frequency:** CURRENT  
**Alleged Source:** BLUE RIDGE LANDFILL

**Program Group:** MUNICIPAL  
SOLID WASTE - HIGH LEVEL

**Nature:** ODOR  
**Effect:** ENVIRONMENTAL

---

## Initial Problem

The complainant alleges a strong odor.

---

## Action Taken

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

---

## Closure Comments

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

**Investigation Number:** 1314675

# TCEQ Complaint Report

03/22/2016  
8:45:12AM

COPY

**Incident No:** 228339  
**Media Type:** WASTE  
**Start Date:** 2/15/2016 **Start Time:** 12:00:00AM  
**Received Date:** 02/25/2016  
**Method :** PHONE

**Staff Member:** RBLACKNE  
**Status:** Closed  
**Status Date:** 03/02/2016  
**Priority:** Within 14 Calendar Days

---

**Regulated Entity:** BLUE RIDGE LANDFILL

**RN102610102**

**Address:** 2200 FM 521 RD  
FRESNO, FORT BEND County, TX 77545  
**Physical Location:** LOCATED ON 2200 FM 521

**Responsible Party:** BLUE RIDGE LANDFILL TX LP

**Title:** ENVIRONMENTAL  
MANAGER

**Address:** 5757 OATES RD, HOUSTON, TX 77078  
**Work Phone:** (713)676-7669

**Number Complaining:** 1  
**Frequency:** INTERMITTENT  
**Alleged Source:** BLUE RIDGE LANDFILL

**Program Group:** MUNICIPAL  
SOLID WASTE - HIGH LEVEL

**Nature:** ODOR  
**Effect:** GENERAL

---

## Initial Problem

Complainant alleges a strong foul trash odor detected in the morning.

---

## Action Taken

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

---

## Closure Comments

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

**Investigation Number:** 1314675

# TCEQ Complaint Report

03/22/2016  
8:43:56AM

COPY

**Incident No:** 228284

**Media Type:** WASTE

**Start Date:** 2/25/2016

**Received Date:** 02/25/2016

**Method :** PHONE

**Staff Member:** RBLACKNE

**Status:** Closed

**Status Date:** 03/02/2016

**Priority:** Within 14 Calendar Days

---

**Regulated Entity:** BLUE RIDGE LANDFILL

**RN102610102**

**Address:** 2200 FM 521 RD  
FRESNO, FORT BEND County, TX 77545

**Physical Location:** LOCATED ON 2200 FM 521

**Responsible Party:** BLUE RIDGE LANDFILL TX LP

**Address:** 5757 OATES RD, HOUSTON, TX 77078

**Work Phone:** (713)676-7669

**Number Complaining:** 1

**Frequency:** CURRENT

**Alleged Source:** BLUE RIDGE LANDFILL

**Title:** ENVIRONMENTAL  
MANAGER

**Program Group:** MUNICIPAL  
SOLID WASTE - HIGH LEVEL

**Nature:** ODOR

**Effect:** ENVIRONMENTAL

---

## Initial Problem

Complainant alleges of garbage/chemical odor.

---

## Action Taken

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

---

## Closure Comments

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

---

**Investigation Number:** 1314675

# TCEQ Complaint Report

03/22/2016  
8:46:40AM

COPY

**Incident No:** 228563

**Media Type:** WASTE

**Start Date:** 2/27/2016

**Received Date:** 03/01/2016

**Method:** EMAIL

**Staff Member:** RBLACKNE

**Status:** Closed

**Status Date:** 03/02/2016

**Priority:** Within 14 Calendar Days

---

**Regulated Entity:** BLUE RIDGE LANDFILL

**RN102610102**

**Address:** 2200 FM 521 RD  
FRESNO, FORT BEND County, TX 77545

**Physical Location:** LOCATED ON 2200 FM 521

**Responsible Party:** BLUE RIDGE LANDFILL TX LP

**Title:** ENVIRONMENTAL  
MANAGER

**Address:** 5757 OATES RD, HOUSTON, TX 77078

**Work Phone:** (713)676-7669

**Number Complaining:** 1

**Frequency:** PAST

**Alleged Source:** BLUE RIDGE LANDFILL

**Program Group:** MUNICIPAL  
SOLID WASTE - HIGH LEVEL

**Nature:** ODOR

**Effect:** ENVIRONMENTAL

---

## Initial Problem

Complainant alleges a garbage smell.

---

## Action Taken

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

---

## Closure Comments

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

**Investigation Number:** 1314675

# TCEQ Complaint Report

03/22/2016  
8:47:48AM

COPY

**Incident No:** 228565  
**Media Type:** WASTE  
**Start Date:** 2/29/2016  
**Received Date:** 03/01/2016  
**Method :** EMAIL

**Staff Member:** RBLACKNE  
**Status:** Closed  
**Status Date:** 03/02/2016  
**Priority:** Within 14 Calendar Days

---

**Regulated Entity:** BLUE RIDGE LANDFILL

**RN102610102**

**Address:** 2200 FM 521 RD  
FRESNO, FORT BEND County, TX 77545  
**Physical Location:** LOCATED ON 2200 FM 521

**Responsible Party:** BLUE RIDGE LANDFILL TX LP

**Title:** ENVIRONMENTAL  
MANAGER

**Address:** 5757 OATES RD, HOUSTON, TX 77078  
**Work Phone:** (713)676-7669

**Number Complaining:** 1  
**Frequency:** PAST  
**Alleged Source:** BLUE RIDGE LANDFILL

**Program Group:** MUNICIPAL  
SOLID WASTE - HIGH LEVEL

**Nature:** ODOR  
**Effect:** ENVIRONMENTAL

---

## Initial Problem

Complainant alleges a smell of garbage.

---

## Action Taken

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

---

## Closure Comments

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

**Investigation Number:** 1314675



# TCEQ Complaint Report

COPY

03/22/2016  
8:49:32AM

**Incident No:** 228601

**Media Type:** WASTE

**Start Date:** 3/1/2016

**Received Date:** 03/02/2016

**Method :** PHONE

**Staff Member:** RBLACKNE

**Status:** Closed

**Status Date:** 03/02/2016

**Priority:** Within 14 Calendar Days

---

**Regulated Entity:** BLUE RIDGE LANDFILL

**RN102610102**

**Address:** 2200 FM 521 RD  
FRESNO, FORT BEND County, TX 77545

**Physical Location:** LOCATED ON 2200 FM 521

**Responsible Party:** BLUE RIDGE LANDFILL TX LP

**Title:** ENVIRONMENTAL  
MANAGER

**Address:** 5757 OATES RD, HOUSTON, TX 77078

**Work Phone:** (713)676-7669

**Number Complaining:** 1

**Frequency:** PAST

**Alleged Source:** BLUE RIDGE LANDFILL

**Program Group:** MUNICIPAL  
SOLID WASTE - HIGH LEVEL

**Nature:** ODOR

**Effect:** ENVIRONMENTAL

---

## Initial Problem

Complainant alleges a strong odor in the area.

---

## Action Taken

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

---

## Closure Comments

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

**Investigation Number:** 1314675

# TCEQ Complaint Report

OPY

03/22/2016  
8:48:35AM

**Incident No:** 228568

**Media Type:** WASTE

**Start Date:** 2/26/2016

**Received Date:** 03/01/2016

**Method :** EMAIL

**Staff Member:** RBLACKNE

**Status:** Closed

**Status Date:** 03/02/2016

**Priority:** Within 14 Calendar Days

---

**Regulated Entity:** BLUE RIDGE LANDFILL

**RN102610102**

**Address:** 2200 FM 521 RD  
FRESNO, FORT BEND County, TX 77545

**Physical Location:** LOCATED ON 2200 FM 521

**Responsible Party:** BLUE RIDGE LANDFILL TX LP

**Title:** ENVIRONMENTAL  
MANAGER

**Address:** 5757 OATES RD, HOUSTON, TX 77078

**Work Phone:** (713)676-7669

**Number Complaining:** 1

**Frequency:** PAST

**Alleged Source:** BLUE RIDGE LANDFILL

**Program Group:** MUNICIPAL  
SOLID WASTE - HIGH LEVEL

**Nature:** ODOR

**Effect:** ENVIRONMENTAL

---

## Initial Problem

Complainant alleges a smell.

---

## Action Taken

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

---

## Closure Comments

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

**Investigation Number:** 1314675

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



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

April 28, 2016

**CERTIFIED MAIL # 7002 2030 0003 4748 4091**  
**RETURN RECEIPT REQUESTED**

Mr. Burgess Stengl, Environmental Manager  
Blue Ridge Landfill TX, LP  
5757 A Oates Road  
Houston, Texas 77078

Re: Additional Compliance Documentation Needed for:  
Blue Ridge Landfill, 2200 FM 521 Rd., Fresno (Fort Bend County), Texas 77545  
TCEQ Municipal Solid Waste Permit No. 1505A

Dear Mr. Stengl:

On March 2, 2016, Mr. Richard Blackney and Mr. Andrew J. Evans of the Texas Commission on Environmental Quality (TCEQ) Houston Region Office conducted an investigation of the above-referenced regulated entity to evaluate compliance with applicable requirements for municipal solid waste. Enclosed is a summary which lists the investigation findings. During a previous investigation on December 18, 2015, a concern was noted which was an alleged violation.

We have received the compliance documentation that you submitted January 5, 2016. However, information is still needed for the alleged violation listed in the enclosed summary. Please submit to our office within 30 days of receipt of this letter a written description of corrective action taken and the required compliance documentation demonstrating that this issue has been resolved.

The TCEQ appreciates your assistance in this matter and your compliance efforts to protect the State's environment. We look forward to receiving your response for the remaining alleged violation. Please note that the Legislature has granted TCEQ enforcement powers which we may exercise to ensure compliance with environmental regulatory requirements.

If you or members of your staff have any questions, please feel free to contact Mr. Blackney in the Houston Region Office at (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

Enclosure: Summary of Investigation Findings

## SUMMARY OF INVESTIGATION FINDINGS

**Blue Ridge Landfill**  
**2200 F.M. 521, Fresno (Fort Bend County), TX 77545**  
**Municipal Solid Waste Permit No. 1505A**  
**MSW Complaint Investigation**  
**Conducted on March 2, 2016**

### OUTSTANDING ALLEGED VIOLATION

The following alleged violation was noted during the investigation conducted on December 18, 2015 and remains outstanding:

#### Site Operating Plan 4.18.3 / 30 Texas Administrative Code §330.165(g) – Landfill Cover

Erosion gullies that are four or more inches deep on final or intermediate cover must be repaired within five days of detection by restoring the cover material, grading, compacting, and seeding unless the commission's regional office approves otherwise, based on the extent of the damage requiring more time to repair or the repairs are delayed because of weather conditions. The date of detection of erosion and date of completion of repairs, including reasons for any delays, must be documented in the cover inspection record.

Erosion of cover was observed at Blue Ridge Landfill on December 18, 2015, and the date of detection was not in the cover log, nor a reason for delay of repair of cover.

On January 5, 2016, the facility representative sent photographs to the TCEQ showing repair of cover. On February 2, 2016, the area was observed by the investigator to have been largely repaired, but it appeared there remained some gullies where cover was eroded by more than four inches. On March 2, 2016, the area appeared to have been repaired, and the cover log from February 2016 was viewed which indicated that repair of cover was completed on February 13, 2016. However, on March 2, 2016, another area of erosion of cover was observed. Blue Ridge Landfill is requested to restore the cover material and include the date of completion of repairs in the cover log. The facility is requested to submit documentation to the TCEQ Houston Region Office to verify compliance.

### ADDRESSED ADDITIONAL ISSUE

The following additional issue was noted during the investigation conducted on February 2, 2016 and has been addressed:

Windblown waste was previously observed on the premises of the landfill. The facility representatives were requested to pick up the waste.

This additional issue was addressed based on no windblown waste being observed during the investigation on March 2, 2016.

## CERTIFIED MAIL RECEIPT CARD ("Green Card")

Division/Region: OCE-R12 Section: Waste

Record Series: MSW

Primary Identification Number (Acct/RN): \_\_\_\_\_

Secondary Identification Number (Permit): \_\_\_\_\_

Facility: \_\_\_\_\_ Date of Letter: \_\_\_\_\_

Regarding: \_\_\_\_\_

<p><b>SENDER: COMPLETE THIS SECTION</b></p> <ul style="list-style-type: none"> <li>■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>■ Print your name and address on the reverse so that we can return the card to you.</li> <li>■ Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul> <p>1. Article Addressed to:</p> <p style="text-align: center;"><b>Mr. Burgess Stengl</b>                  Environmental Manager                  Blue Ridge Landfill TX, LP                  5757 A Oates Rd                  Houston, TX 77078</p>	<p><b>COMPLETE THIS SECTION ON DELIVERY</b></p> <p>A. Received by (Please Print Clearly) _____ B. Date of Delivery <u>5-2-16</u></p> <p>C. Signature <u>[Signature]</u> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>D. Is delivery address correct? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                  If YES, enter delivery address below:</p> <p style="text-align: center;"><b>MAY 04 2016</b></p> <p style="text-align: center;"><b>REGION 12</b></p> <p>3. Service Type  <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail  <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise  <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes <input type="checkbox"/> No</p>												
<p>2. Article Number (Copy) _____</p> <p>PS Form 3811, July 1999</p>	<p>Domestic Return Receipt</p> <p>102595-00-M-0952</p> <p>7002 2030 0003 4748 4091</p> <p>U.S. Postal Service<sup>TM</sup>  <b>CERTIFIED MAIL<sup>SM</sup> RECEIPT</b>                  (Domestic Mail Only: No Insurance Coverage Provided)</p> <p style="text-align: center;"><b>OFFICIAL USE</b></p> <p>For delivery information visit our website at <a href="http://www.usps.com">www.usps.com</a></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Postage</td> <td>\$ 1505A</td> <td>Postmark Here</td> </tr> <tr> <td>Certified Fee</td> <td><u>R Blackney</u></td> <td></td> </tr> <tr> <td>Return Receipt Fee (Endorsement Required)</td> <td>4-29-16</td> <td></td> </tr> <tr> <td>Restricted Delivery Fee (Endorsement Required)</td> <td><u>Other</u></td> <td></td> </tr> </table> <p>Mr. Burgess Stengl                  Environmental Manager                  Blue Ridge Landfill TX, LP                  or 5757 A Oates Rd                  Houston, TX 77078</p> <p style="text-align: right;">ENTERED                  KSV                  5/2/16</p>	Postage	\$ 1505A	Postmark Here	Certified Fee	<u>R Blackney</u>		Return Receipt Fee (Endorsement Required)	4-29-16		Restricted Delivery Fee (Endorsement Required)	<u>Other</u>	
Postage	\$ 1505A	Postmark Here											
Certified Fee	<u>R Blackney</u>												
Return Receipt Fee (Endorsement Required)	4-29-16												
Restricted Delivery Fee (Endorsement Required)	<u>Other</u>												



**Blue Ridge Landfill  
2200 F.M. 521, Fresno (Fort Bend County), TX 77545  
Municipal Solid Waste Permit No. 1505A  
MSW Complaint Investigation  
Conducted on March 2, 2016**

List of Attachments

- |              |   |
|--------------|---|
| Attachment 1 | TCEQ Central Registry information for Blue Ridge Landfill |
| Attachment 2 | Meteorological conditions for March 2, 2016               |
| Attachment 3 | Map of Odor Survey locations and Odor Logs                |
| Attachment 4 | February 2016 cover logs                                  |
| Attachment 5 | Photographs taken on March 2, 2016 by Mr. Blackney        |

# ATTACHMENT 1



[Questions or Comments >>](#)[Query Home](#)[Customer Search](#)[RE Search](#)[ID Search](#)[Document Search](#)[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)**1-5 of 5 Records**

CN Number	Customer Name	Customer Role	Details
CN600343826	BFI WASTE SYSTEMS OF NORTH AMERICA INC	OWNER OPERATOR	↔
CN601527963	BFI WASTE SERVICES OF TEXAS LP	OWNER	↔
CN601721657	LONGHORN EXCAVATORS INC	OPERATOR	↔
CN602820599	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	81004	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

# **ATTACHMENT 2**



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Calibrations Air Quality Maps Data Reports AutoQC 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:

March 2 2016 12 Hour (AM/PM) Generate Report Plot Data

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 **Wednesday, March 2, 2016**. All times shown are in CST.

Parameter Measured	Morning											Afternoon											Pa Me			
	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	0.8	0.2	0.4	0.6	0.5	0.4	<b>1.3</b>	1.2	0.8	1.3	1.0	1.0	0.4	1.0	1.1	0.6	0.8	0.2	<b>0.1</b>	0.4	0.2	0.6	0.3	0.1	Nitr	
Nitrogen Dioxide	2.9	1.6	3.2	3.0	2.7	<b>7.1</b>	5.8	7.0	3.4	2.8	2.0	1.0	2.2	1.5	1.5	1.5	0.4	0.8	1.0	0.3	0.5	-0.3	-1.2	<b>-1.3</b>	Nitr Dio	
Oxides of Nitrogen	3.7	1.8	3.5	3.6	3.2	7.3	6.9	<b>7.9</b>	4.2	4.0	2.9	1.9	2.6	2.5	2.6	2.1	1.2	0.9	1.1	0.8	0.7	0.4	-0.9	<b>-1.1</b>	Oxid Nitr	
Ozone	34	33	31	31	30	<b>24</b>	26	24	30	33	35	39	42	45	45	45	45	<b>46</b>	45	43	44	44	45	39	Ozo	
Wind Speed	8.5	7.3	8.1	9.0	7.6	<b>6.9</b>	8.4	7.7	12.5	<b>13.5</b>	12.6	12.0	11.5	10.8	11.6	11.8	12.6	10.6	9.7	10.0	8.9	9.2	11.4	10.1	Win	
Resultant Wind Speed	8.4	7.1	7.9	8.8	7.4	<b>6.8</b>	8.3	7.6	12.2	<b>13.1</b>	12.1	11.4	11.0	10.4	11.1	11.5	12.3	10.4	9.4	9.8	8.8	9.0	11.2	10.0	Res Win	
Resultant Wind Direction	38	40	<b>31</b>	34	46	57	58	62	80	91	96	99	106	96	114	122	130	132	135	137	146	154	162	<b>168</b>	Res Win Dire	
Maximum Wind Gust	15.7	<b>13.5</b>	14.7	16.8	14.0	13.6	14.4	14.7	20.5	<b>25.5</b>	20.6	21.2	21.1	19.6	20.2	20.0	20.4	21.5	17.8	17.2	14.6	16.1	18.9	17.9	Max Win	
Std. Dev. Wind Direction	11	15	13	12	<b>10</b>	10	10	11	12	14	16	<b>18</b>	18	15	15	14	13	12	13	10	10	11	10	10	Std. Win Dire	
Outdoor Temperature	66.7	65.5	63.8	61.5	59.4	57.6	56.4	<b>56.1</b>	59.0	61.4	63.7	66.0	<b>67.2</b>	66.3	66.1	65.5	65.1	64.2	63.6	63.4	63.9	64.5	65.1	66.1	Out Tem	
Internal Station Temperature	80.2	80.2	80.1	80.2	79.5	<b>79.1</b>	79.1	79.4	79.3	79.9	80.9	<b>81.0</b>	81.0	80.9	80.7	80.6	80.5	80.4	80.2	80.5	80.2	80.4	80.3	80.2	Inte Stat Tem	
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	Pa Me	
	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

March 1, 2016  
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	4.5	8:00 pm	-0.1	10:00 am
Nitrogen Dioxide	1 R	19.3	8:00 pm	-1.9	Midnite
Oxides of Nitrogen	1	23.1	8:00 pm	-1.3	Midnite
Ozone	1 R	38	3:00 pm	6	8:00 pm
Wind Speed	1	11.6	9:00 am	1.4	6:00 pm
Resultant Wind Speed	1	11.3	9:00 am	0.1	7:00 pm
Resultant Wind Direction	1	342	9:00 pm	21	10:00 pm
Maximum Wind Gust	1	20.8	9:00 am	3.1	6:00 pm
Std. Dev. Wind Direction	1	78	7:00 pm	8	1:00 am
Outdoor Temperature	1	76.9	2:00 pm	59.1	4:00 am
Internal Station Temperature	1	81.3	1:00 pm	79.1	5:00 am

**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 times shown are in local standard time unless otherwise indicated.

Following EPA reporting guidelines, negative values may be displayed in our hourly criteria air quality data beginning 1/1/2013, down to the negative of the EPA listed Method Detection Limit (MDL) for the particular instrument that made the measurements. The reported concentrations can be negative due to zero drift in the electronic instrument output, data logger channel, or calibration adjustments to the data. Prior to 1/1/2013, slightly negative values were automatically set to zero.

# **ATTACHMENT 3**



McHate Rd

Blue Ridge Landfill, Permit No. 1505A

521

OS No. 2

OS No. 1

WME

~~OS#1~~

OS#1

E / EIVE

### Supplemental Investigator's Odor Intensity Time Log

Date of Investigation: 3-2-2016 Start Time: 10:13

Minutes	Odor Intensity VL, L, M, S, VS
1 min	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	no odor
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	
44	
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58	
59	
60	

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

Weighted Average Intensity:

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

OS#2

S. Post Oak Blvd

ENE

### Supplemental Investigator's Odor Intensity Time Log

Date of Investigation: 3-2-2016 Start Time: 10:31

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	
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	
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56	
57	
58	
59	
60	

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

Weighted Average Intensity:

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



# ATTACHMENT 4



Blue Ridge Landfill, MSW-1505A

MSW

COVER

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')
	6" Soil				Spray-On or Tarps										
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>								
1	950	EE-FF 49-51	6"	B	-	-	-	92-96	✓						
2	1100	EE-FF 49-51	6"	B	-	-	-	96-100	✓						
3	1100	EE-FF 49-51	6"	B	-	-	-	100-104	✓						
4	1100	EE-FF 49-51	6"	B	-	-	-	104-108	✓						
5	950	EE-FF 49-51	6"	B	-	-	-	108-112	✓						
6	950	EE-FF 49-51	6"	B	-	-	-	112-116	✓					.25	
7															
8	950	FF-HH 51-52	6"	B	-	-	-	92-96	✓						
9	950	FF-HH 51-52	6"	B	-	-	-	96-100	✓						
10	950	FF-HH 51-52	6"	B	-	-	-	100-104	✓						
11	1100	FF-HH 51-52	6"	B	-	-	-	104-108	✓						
12	1100	FF-HH 51-52	6"	B	-	-	-	108-112	✓						
13	1100	FF-HH 51-52	6"	B	-	-	-	112-116	✓						
14															
15	1100	FF-HH 51-52	6"	B	-	-	-	116-120	✓						
16	950	GG-HH 51-52	6"	B	-	-	-	108-112	✓						
17	1500	GG-HH 51-52	6"	B	-	-	-	112-116	✓						
18	1500	GG-HH 51-52	6"	B	-	-	-	116-120	✓						
19	1500	GG-HH 51-52	6"	B	-	-	-	108-112	✓						
20	1500	GG-HH 51-52	6"	B	-	-	-	112-116	✓						
21															
22	stack	HH-SS 51-52	6"	B	-	-	-	116-120	✓					.50	
23	stack	HH-SS 52-53	6"	B	-	-	-	108-112	✓					1.25	✓
24	1100	HH-SS 52-53	6"	B	-	-	-	112-116	✓						
25	1100	HH-SS 52-53	6"	B	-	-	-	116-120	✓						
26	1200	HH-SS 51-52	6"	B	-	-	-	110-114	✓						
27	1200	HH-SS 51-52	6"	B	-	-	-	114-118	✓						
28															
29	1100	HH-SS 49-50	6"	B	-	-	-	118-120	✓						
30															
31															

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 rainfa. 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 detector

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 :

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

# R APPLICATION LOG

Month / Year: FEBRUARY

ins) 5" <sup>4</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 Signat
	12" Soil				Per Final Closure Plan									
es	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				
									√ 2-5-16	√				JAN
											2-8-14	R		JAN
									√ 2-13-16			R		JAN
									√ 2-20-16					JAN
									√ 12-27					JAN

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, unless approved by TCEQ Regional Office. If not corrected within 5 days, attach documentation stating reasons for delay.

ize 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.

1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	Erosion @ N.E. Corner of upper fill was regraded to eliminate it.
14	
15	
16	
17	
18	
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Blue Ridge Landfill, MSW-1505A

CLASS I

COVER APPLICATION

	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"
	6" Soil	AMT <sup>1</sup>	Grid Area	T <sup>2</sup>	Method <sup>3</sup>	AMT <sup>1</sup>	Grid Area	T <sup>2</sup>								
1	320	S-24	6"	B	-	-	-	-	50	✓						
2	stack	S-24	6"	B	-	-	-	-	50	✓						
3	stack	S-24	6"	B	-	-	-	-	50	✓						
4	stack	S-24	6"	B	-	-	-	-	50	✓						
5	stack	S-24	6"	B	-	-	-	-	50	✓						
6																
7																
8	450	R-25	6"	B	-	-	-	-	49	✓						
9	650	R-25	6"	B	-	-	-	-	49	✓						
10	700	R-25	6"	B	-	-	-	-	49	✓						
11	stack	R-25	6"	B	-	-	-	-	49	✓						
12	750	R-25	6"	B	-	-	-	-	49	✓						
13																
14																
15	stack	R-25	6"	B	-	-	-	-	49	✓						
16	stack	R-25	6"	B	-	-	-	-	49	✓						
17	stack	R-25	2"	B	-	-	-	-	49	✓						
18	stack	R-25	6"	B	-	-	-	-	49	✓						
19	750	R-25	6"	B	-	-	-	-	49	✓						
20																
21																
22	stack	R-25	6"	B	-	-	-	-	49	✓						
23	stack	R-25	6"	B	-	-	-	-	49	✓						
24	stack	R-25	6"	B	-	-	-	-	49	✓						
25	stack	R-25	6"	B	-	-	-	-	49	✓						
26	540	R-25	6"	B	-	-	-	-	49	✓						
27																
28																
29	750	R-25	6"	B	-	-	-	-	49	✓						
30																
31																

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 rain:

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.


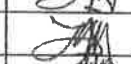




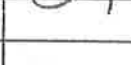



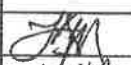





Corrective Action: R = Restoring cover material; G = Grading, M = Compacting; S = Seeding

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

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

# INSPECTION LOG CLASS I NON HAZARDOUS

Month / Year: **FEBRUARY 2008**

Rain (inches) 0.5"	Intermediate Cover				Final Cover				Inspection Date of Intermediate & Final Cover <sup>2</sup>	Erosion $\geq$ 4" Detected	Date Erosion Corrected <sup>5</sup>	Corrective Action <sup>6</sup>	Final Cover Certification Report Reference	Supervisor Sign <sup>7</sup>
	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>						
									$\checkmark$ 2-5K					
														
														
														
														
														
														
														
														
														
														
														
														
														
														
														
														
														

all 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. on unless approved by TCEQ Regional Office. If not corrected within 5 days, attach documentation starting reasons for delay.

1 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.

# ATTACHMENT 5





**Blue Ridge Landfill**  
**2200 F.M. 521, Fresno (Fort Bend County), TX 77545**  
**Municipal Solid Waste Permit No. 1505A**  
**Photographs taken by Mr. Richard Blackey on March 2, 2016**



Photograph 1 of 2: The erosion of cover previously observed on December 18, 2015 appeared to have been repaired.



Photograph 2 of 2: Another area of erosion of cover was observed.