

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



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

November 15, 2018

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 (Fort Bend County)  
Regulated Entity No.: 102610102  
TCEQ MSW Permit No.: 1505A  
Investigation No.: 1519597

Dear Mr. Stengl:

The Texas Commission on Environmental Quality (TCEQ) Houston Region Office received on September 23, 24, 27, and 29, 2018 and October 01 - 03 and 04, 2018, requests for assistance regarding the odor at the above-referenced facility. In response to this request, Ms. Reyna L. Loosmore of this office conducted an investigation on October 04, 2018. 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 Ms. Loosmore at this office (713) 767-3706.

Sincerely,

A handwritten signature in black ink that reads "Alma L. Jefferson".

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

ALJ/RLL/ug

MSW PA\_1505A\_20181004\_Investigation  
**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](mailto:oce@tceq.texas.gov)

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

---

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

**Investigation #** 1519597

**Incident Numbers**

|        |        |
|--------|--------|
| 293260 | 294048 |
| 293298 | 293245 |
| 293201 | 293545 |
| 294049 | 293255 |
| 293228 | 293294 |
| 293233 | 293204 |
| 293546 | 293226 |
| 293299 | 293262 |
| 293227 | 293535 |
| 293252 | 293537 |
| 293244 | 293539 |
| 293295 | 293259 |
| 293251 | 293203 |
| 293232 | 293541 |
| 293205 | 293223 |
| 293261 | 293236 |
| 293242 | 293542 |
| 293543 | 293247 |
| 293202 | 293240 |
| 293230 | 293544 |
| 293238 | 293222 |
| 293234 | 293297 |
| 293256 |        |

**Investigator:** REYNA LOOSMORE

**Site Classification** TYPE 1

**Conducted:** 10/04/2018 -- 10/09/2018

**NAIC Code:** 562212

**NAIC Code:** 486210

**SIC Code:** 4922

**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 - FRESNO**

10/4/2018 to 10/9/2018 Inv. # - 1519597

Page 2 of 5

| Role                                | Title                    | Name              | Phone  |                |
|-------------------------------------|--------------------------|-------------------|--------|----------------|
| PARTICIPATED<br>IN                  | DIVISION MANAGER         | MR MARK MEADOWS   | Phone  | (281) 668-9739 |
| REGULATED<br>ENTITY<br>CONTACT      | ENVIRONMENTAL<br>MANAGER | MR BURGESS STENGL | Office | (713) 676-7669 |
| REGULATED<br>ENTITY MAIL<br>CONTACT | ENVIRONMENTAL<br>MANAGER | MR BURGESS STENGL | Office | (713) 676-7669 |

**Other Staff Member(s):**

| Role        | Name              |
|-------------|-------------------|
| QA Reviewer | BETHANY BATCHELOR |
| Supervisor  | ALMA JEFFERSON    |

**Associated Check List**

| <u>Checklist Name</u>       | <u>Unit Name</u> |
|-----------------------------|------------------|
| MSW COMPLAINT INVESTIGATION | 1505A Complaint  |

**Investigation Comments:****INTRODUCTION**

On September 23, 24, 27 and 29, 2018 and October 1, 2, 3 and 4, 2018, the Texas Commission on Environmental Quality (TCEQ) Houston Region Office Waste Section received 45 complaints alleging odors from Blue Ridge Landfill (BRL) located at 2200 FM 521 Road, Fresno (Fort Bend County), Texas 77545. The odors were alleged to have occurred on September 23, 26, 27 and 29, 2018 and October 1, 2 and 4, 2018.

On October 4, 2018, Ms. Reyna L. Loosmore, Environmental Investigator of the TCEQ Houston Region Office, conducted an odor survey and an unannounced on-site Odor Complaint Investigation at BRL and in the surrounding area.

**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.

By letter to the TCEQ Houston Region Office, dated July 10, 2018 (Attachment 1), BRL requested additional time to repair erosion caused by 4.8 inches of rain from July 3 to July 9, 2018. The letter stated that more than five days was needed to repair the erosion due to wet soil on the slopes. The request for Additional Time to Repair was approved on July 11, 2018 (Attachment 1). By letter to the TCEQ Houston Region Office, dated September 19, 2018 (Attachment 1), BRL requested additional time to repair erosion caused by 6.3 inches of rain from September 3 to September 14, 2018. The letter stated that repairs could not be made due to the wet soil on the slopes. The request for Additional Time to Repair was approved on September 20, 2018 (Attachment 1).

Erosion letters received on October 4 and 10, 2018 are further discussed in the Additional Information section.

**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

## BLUE RIDGE LANDFILL - FRESNO

10/4/2018 to 10/9/2018 Inv. # - 1519597

Page 3 of 5

---

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.

### Complainant Information:

TCEQ Incident Nos. 293201, 293202, 293203, 293204, 293205, 293222, 293223, 293226, 293227, 293228, 293230, 293232, 293233, 293234, 293236, 293238, 293240, 293242, 293244, 293245, 293247, 293251, 293252, 293255, 293256, 293259, 293260, 293261, 293262, 293294, 293295, 293297, 293298, 293299, 293535, 293537, 293539, 293541, 293542, 293543, 293544, 293545, 293546, 294048 and 294049.

### Description of Alleged Effects:

Nausea, headaches, irritation of eyes/nose/throat, discomfort and difficulty breathing were described as occurring because of the odors.

### Meteorological data at the time of the odor survey:

Date: October 4, 2018

Wind Direction: southeast (SE) to east (E)

Wind Speed: average 3.3 mph

Outdoor Temperature: 81.7 – 85.7 °F

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

### Odor Survey (OS):

The investigator conducted OS No. 1 at 8:38 a.m., downwind of BRL near the intersection of McHard Road and Amy Ridge Road in Houston. No odors were detected during the 15 minutes spent at OS No. 1.

OS No. 2, located at the 2700 block of Autumn Falls Drive in Pearland and downwind of the Sewer Lift Station, was conducted at 9:02 a.m. No odors were detected during the 15 minutes spent at OS No. 2.

OS No. 3, located near the intersection of Hiram Clarke Road and Summerlyn Drive in Houston and downwind of Lone Star Landfill, was conducted at 9:28 a.m. No odors were detected during the 15 minutes spent at OS No. 3.

OS No. 4, located near the intersection of Bluebonnet Drive and West Drive in Houston and downwind of Akzo Nobel Surface Chemistry (Akzo), was conducted at 9:49 a.m. No odors were detected during the 15 minutes spent at OS No. 4.

OS No. 5, located at the 900 block of W. Riley Road in Pearland and downwind of Brenntag Southwest/Syntech Chemicals, was conducted at 10:09 a.m. No odors were detected during the 15 minutes spent at OS No. 5.

OS No. 6, located at 1801 Kingsley Drive in Pearland and downwind of the Reflection Bay Wastewater Treatment Plant (WWTP), was conducted at 10:30 a.m. No odors were detected during the 15 minutes spent at OS No. 6.

An aerial view map of the OS location and the OS log are included in Attachment 2.

### Summary of the on-site investigation:

Following the odor survey, the investigator arrived at BRL and met with Mr. Mark Meadows, Division Manager, to whom the purpose and scope of the investigation were explained.

## BLUE RIDGE LANDFILL - FRESNO

10/4/2018 to 10/9/2018 Inv. # - 1519597

Page 4 of 5

---

The facility representative drove the investigator to the MSW and Class 1 working faces, by which piles of soil were observed. The investigator obtained a copy of the MSW and Class 1 cover logs from September 1 to October 3, 2018 (Attachment 3). The cover logs indicate that six (6) inches of soil is applied at the end of each operating day to the Class 1 and MSW working faces as required.

### Description of Odor:

No odors 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.

### Location of the Source of the Odor:

No odors were detected off-site by the investigator.

### Odor Frequency, Intensity, Duration and Offensiveness (FIDO) Chart Evaluation:

According to the FIDO protocol, the odor of landfill garbage is characterized as "offensive", the odor of landfill gas/leachate is characterized as "highly offensive". Landfill garbage odors were previously detected coming from the direction of BRL on July 12 and 23, 2018 and September 20, 2018. Therefore, the frequency of odors documented by the investigator is a quarterly occurrence.

### ADDITIONAL INFORMATION

On October 4 and 10, 2018, letters (Attachment 4) were received from BRL, dated October 3 and 9, 2018, respectively, regarding the facility's progress to repair erosion. According to the letters, BRL was not able to complete repairs within the erosion extension areas because of continued heavy rainfall.

### CONCLUSION

According to FIDO protocol, nuisance odor conditions were not confirmed during the investigation conducted on October 4, 2018. The complaints are closed.

**No Violations Associated to this Investigation**

**BLUE RIDGE LANDFILL - FRESNO**

**10/4/2018 to 10/9/2018 Inv. # - 1519597**

**Page 5 of 5**

---

Signed   
Environmental Investigator

Date 11/15/2018

Signed   
Supervisor

Date 11/15/2018

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

☐ Enforcement Action Request (EAR)  
☒ Letter to Facility (specify type) : No Action Letter  
Investigation Report  
☐ Sample Analysis Results  
☐ Manifests  
☐ Notice of Registration

☒ Maps, Plans, Sketches  
☐ Photographs  
☒ Correspondence from the facility  
☒ Other (specify) :

see list of attachments

---

**Blue Ridge Landfill  
2200 F.M. 521, Fresno (Fort Bend County), TX 77545  
Municipal Solid Waste Permit No. 1505A  
MSW Complaint Investigation  
Conducted on October 4, 2018**

**List of Attachments**

**Attachment 1:** Request for Additional Time to Repair Erosion letters dated July 11 and September 20, 2018

**Attachment 2:** Meteorological Information, Map of Odor Survey locations and Odor Logs

**Attachment 3:** September - October 2018 Cover Logs

**Attachment 4:** Erosion Repair Letters Received on October 4 and 10, 2018

# ATTACHMENT 1



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



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

July 11, 2018

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

Re: Request for Additional Time to Repair Erosion at:  
Blue Ridge Landfill, 2200 FM 521 Road, Fresno (Fort Bend County), Texas 77545  
TCEQ MSW Permit No.: 1505A

Dear Mr. Stengl:

The Texas Commission on Environmental Quality (TCEQ) Houston Region Office has received your letter, dated July 10, 2018, requesting additional time to repair erosion caused by rain from July 3 - 9, 2018 at the Blue Ridge Landfill. During that period, approximately 4.8 inches of rain fell. The areas in the requests are identified as located as follows:

1. Phase 3: North slope between grid markers I-XX and 48-56;
2. Phase 3: South slope between grid markers I-TT and 35-42;
3. Phase 3: West slope between grid markers I-L and 41-50; and
4. Phase 2: West slope between grid markers O-V and 16-24.

In accordance with Title 30 Texas Administrative Code § 330.165(g), erosion of cover must be repaired within five days of detection 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 TCEQ Houston Region Office's evaluation indicates the information presented is sufficient to allow additional time for repair. Please submit to this office each week the status of your progress in implementing the corrective action and within 30 days of repair the required documentation demonstrating that compliance has been achieved.

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 this matter, please feel free to contact me in the Houston Region Office at (713) 767-3615.

Sincerely,

A handwritten signature in black ink, appearing to read "Jason T. Ybarra".

Jason T. Ybarra  
Manager, Waste Section  
Houston Region Office

JTY/ALJ/rsv

Enclosures: Request for Additional Time to Repair Erosion letter, dated July 10, 2018, and Site Plan

cc: Mr. Matt Montagna, Blue Ridge Landfill TX, LP, P.O. Box 879, Fresno, Texas 77545  
Mr. Chance Goodin, Manager, TCEQ MSW Permits, MC-124  
TCEQ Region 12 • 5425 Polk St., Ste. H • Houston, Texas 77023-1452 • 713-767-3500 • Fax 713-767-3520



July 10, 2018

Mr. Jason Ybarra, Waste Section Manager  
Region 12, Waste Section  
Texas Commission on Environmental Quality (TCEQ)  
5425 Polk Ave., Ste. H  
Houston, TX 77023

**Re: Request for Additional Time to Repair Erosion  
Blue Ridge Landfill TX, LP  
2200 FM 521  
Fresno, TX 77545  
MSW Permit No: 1505A**

Dear Mr. Ybarra,

In accordance with Section 4.18 of the approved Site Operating Plan (SOP), Blue Ridge Landfill is requesting additional time to repair erosion caused by rain from July 3 to July 9, 2018. During that period of time, approximately 4.8 inches of rain fell at the Blue Ridge Landfill. The SOP requires erosion to be repaired within five days of detection; however, the repairs cannot be made within this timeframe due to the wet soil on the slopes. The area in this request is on Phase 3: the **north** slope between grid markers I-XX and 48-56 the **south** slope between grid markers I-TT and 35-42; **west** slope between grid markers I-L and 41-50. Also, Phase 2: west slope between grid markers 16-24 and O-V. Safety and environmental compliance are at the forefront of the Blue Ridge Landfill; therefore, the repairs will be made as soon as possible. Attached is the site grid map.

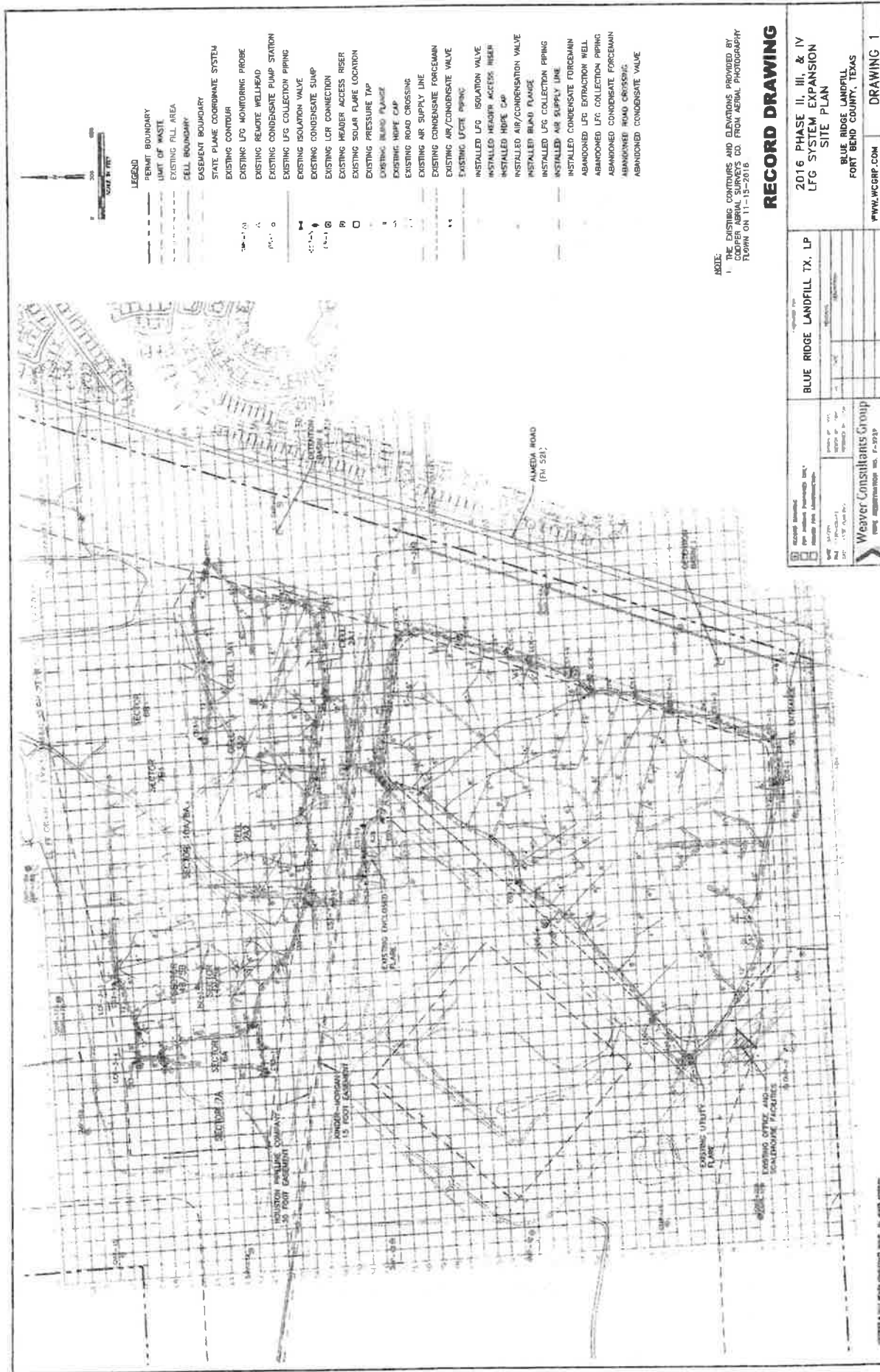
If you have any questions regarding this request, please feel free to contact me at 713-676-7669.

Sincerely,

Burgess Stengl  
Environmental Manager

Attachment

Cc: Mark Meadows, Blue Ridge Landfill



LEGEND

- PERMIT BOUNDARY
- LIMIT OF WASTE
- EXISTING FILL AREA
- CELL BOUNDARY
- EASEMENT BOUNDARY
- STATE PLANE COORDINATE SYSTEM
- EXISTING CONTOUR
- EXISTING LFG MONITORING PROBE
- EXISTING REMOTE WELLHEAD
- EXISTING CONDENSATE PUMP STATION
- EXISTING LFG COLLECTION PIPING
- EXISTING ISOLATION VALVE
- EXISTING CONDENSATE SUMP
- EXISTING LGR CONNECTION
- EXISTING HEADER ACCESS RISER
- EXISTING SOLAR FLARE LOCATION
- EXISTING PRESSURE TAP
- EXISTING BLIND FLANGE
- EXISTING HOPE CAP
- EXISTING ROAD CROSSING
- EXISTING AIR SUPPLY LINE
- EXISTING CONDENSATE FORCEMAIN
- EXISTING AIR/CONDENSATE VALVE
- EXISTING LFG PIPING
- INSTALLED LFG ISOLATION VALVE
- INSTALLED HEADER ACCESS RISER
- INSTALLED HOPE CAP
- INSTALLED AIR/CONDENSATION VALVE
- INSTALLED BLIND FLANGE
- INSTALLED LFG COLLECTION PIPING
- INSTALLED AIR SUPPLY LINE
- INSTALLED CONDENSATE FORCEMAIN
- ABANDONED LFG EXTRACTION WELL
- ABANDONED LFG COLLECTION PIPING
- ABANDONED CONDENSATE FORCEMAIN
- ABANDONED ROAD CROSSING
- ABANDONED CONDENSATE VALVE

NOTE:  
1. THE EXISTING CONTOURS AND ELEVATIONS PROVIDED BY COOPER AERIAL SURVEYS CO. FROM AERIAL PHOTOGRAPHY FLIPPIN ON 11-15-2016

# RECORD DRAWING

|   |   |
|---|---|
| PROJECT: 2016 PHASE II, III, & IV LFG SYSTEM EXPANSION SITE PLAN<br>DRAWING: 1                          |   |
| CLIENT: BLUE RIDGE LANDFILL TX, LP<br>PROJECT NO.: 16-001<br>DRAWING NO.: 1                             | PREPARED BY: WEINER CONSULTANTS GROUP<br>CHECKED BY: WEINER CONSULTANTS GROUP<br>DATE: 11-15-2016 |
| PROJECT LOCATION: BLUE RIDGE LANDFILL, FORT BEND COUNTY, TEXAS<br>PROJECT NO.: 16-001<br>DRAWING NO.: 1 |   |

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



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

September 20, 2018

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

Re: Request for Additional Time to Repair Erosion at:  
Blue Ridge Landfill, 2200 FM 521 Road, Fresno (Fort Bend County), Texas 77545  
TCEQ MSW Permit No.: 1505A

Dear Mr. Stengl:

The Texas Commission on Environmental Quality (TCEQ) Houston Region Office has received your letter, dated September 19, 2018, requesting additional time to repair erosion caused by rain from September 3 - 14, 2018 at the Blue Ridge Landfill. During that period, approximately 6.3 inches of rain fell. The areas in the requests are identified as located as follows:

1. Phase 3: North slope between grid markers I-XX and 48-56;
2. Phase 3: South slope between grid markers I-TT and 35-42;
3. Phase 3: West slope between grid markers I-L and 41-50;
4. Phase 2: East slope between grid markers O-V and 16-24; and
5. Phase 2: North slope between grid markers M-V and 25-33.

In accordance with Title 30 Texas Administrative Code § 330.165(g), erosion of cover must be repaired within five days of detection 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 TCEQ Houston Region Office's evaluation indicates the information presented is sufficient to allow additional time for repair. Please submit to this office each week the status of your progress in implementing the corrective action and within 30 days of repair the required documentation demonstrating that compliance has been achieved.

Mr. Burgess Stengl  
Page 2  
September 20, 2018

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 this matter, please feel free to contact me in the Houston Region Office at (713) 767-3615.

Sincerely,

A handwritten signature in dark ink, appearing to read "Jason T. Ybarra". The signature is fluid and cursive, with the first name "Jason" being more prominent.

Jason T. Ybarra  
Special Assistant to the Regional Director  
Houston Region Office

JTY/ALJ/na

Enclosure: Request for Additional Time to Repair Erosion letter, dated September 19, 2018

cc: Mr. Matt Montagna, Blue Ridge Landfill TX, LP, P.O. Box 879, Fresno, Texas 77545  
Mr. Chance Goodin, Manager, TCEQ MSW Permits, MC-124



September 19, 2018

Mr. Jason Ybarra, Waste Section Manager  
Region 12, Waste Section  
Texas Commission on Environmental Quality (TCEQ)  
5425 Polk Ave., Ste. H  
Houston, TX 77023

**Re: Request for Additional Time to Repair Erosion  
Blue Ridge Landfill TX, LP  
2200 FM 521  
Fresno, TX 77545  
MSW Permit No: 1505A**

Dear Mr. Ybarra,

In accordance with Section 4.18 of the approved Site Operating Plan (SOP), Blue Ridge Landfill is requesting additional time to repair erosion caused by rain from September 3 to September 14, 2018. During that period of time, approximately 6.3 inches of rain fell at the Blue Ridge Landfill. The SOP requires erosion to be repaired within five days of detection; however, the repairs cannot be made within this timeframe due to the wet soil on the slopes. The area in this request is on Phase 3: the **north** slope between grid markers I-XX and 48-56 the **south** slope between grid markers I-TT and 35-42; **west** slope between grid markers I-L and 41-50. Also, Phase 2: **east** slope between grid markers 16-24 and O-V, and **north** slope between grid markers 25-33 and M-V. Safety and environmental compliance are at the forefront of the Blue Ridge Landfill; therefore, the repairs will be made as soon as possible. Attached is the site grid map.

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

Sincerely,

Burgess Stengl  
Environmental Manager

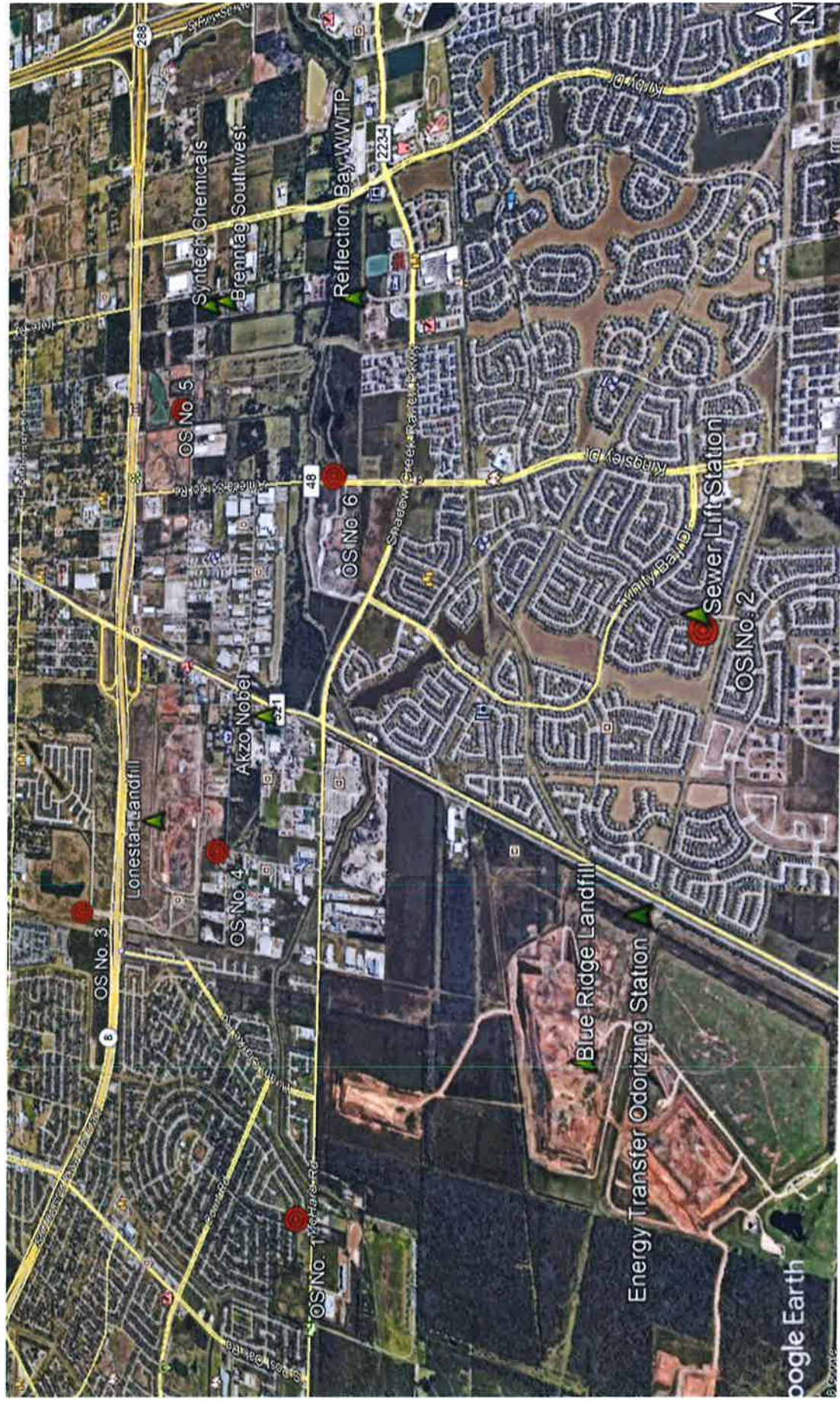
Attachment

Cc: Mark Meadows, Blue Ridge Landfill



## **ATTACHMENT 2**





## TCEQ Waste Section

October 4, 2018 Odor Surveys



| Parameter Measured       | Morning   |      |      |      |            |            |             |      |            |            |            |            | Afternoon |      |             |             |      |           |            |  |
|--------------------------|---|------|------|------|------------|------------|-------------|------|------------|------------|------------|------------|-----------|------|-------------|-------------|------|-----------|------------|--|
|                          | 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       |  |
| Nitric Oxide             | <b>-0.2</b>   | -0.1 | -0.2 | 0.2  | 0.6        | 1.9        | <b>12.8</b> | 8.2  | 2.7        | 0.3        | 0.1        | -0.1       | 0.1       | 0.1  | 0.0         | 0.1         | 0.2  | -0.1      | -0.1       |  |
| Nitrogen Dioxide         | 3.7   | 3.6  | 5.1  | 5.9  | 8.2        | 6.5        | <b>8.7</b>  | 7.9  | 5.3        | 2.3        | 3.0        | 2.2        | 2.4       | 2.1  | 1.9         | <b>1.5</b>  | 1.8  | 2.8       | 4.6        |  |
| Oxides of Nitrogen       | 3.5   | 3.5  | 4.9  | 6.1  | 8.7        | 8.4        | <b>21.3</b> | 15.9 | 8.0        | 2.6        | 3.2        | 2.1        | 2.5       | 2.2  | 1.9         | <b>1.6</b>  | 2.0  | 2.7       | 4.5        |  |
| Ozone                    | 6   | 7    | 4    | 2    | <b>0</b>   | 0          | 0           | 3    | 13         | 24         | 30         | <b>32</b>  | 32        | 31   | 29          | 24          | 25   | 24        | 18         |  |
| Wind Speed               | 0.6   | 1.6  | 0.8  | 0.7  | 1.0        | <b>0.5</b> | 2.2         | 1.9  | <b>2.3</b> | <b>3.9</b> | <b>3.8</b> | <b>3.7</b> | 6.4       | 7.5  | 6.8         | <b>9.8</b>  | 9.0  | 7.9       | <b>4.1</b> |  |
| Resultant Wind Speed     | 0.6   | 1.5  | 0.8  | 0.6  | 0.9        | <b>0.4</b> | 2.2         | 1.7  | 1.9        | 3.3        | 2.3        | 2.8        | 6.0       | 6.9  | 6.4         | <b>9.4</b>  | 8.7  | 7.7       | 4.0        |  |
| Resultant Wind Direction | 123   | 148  | 137  | 157  | <b>160</b> | <b>3</b>   | 49          | 51   | 141        | 137        | 146        | 94         | 96        | 108  | 129         | 148         | 144  | 144       | 133        |  |
| Maximum Wind Gust        | 2.8   | 3.4  | 2.9  | 2.2  | 2.2        | <b>2.1</b> | 3.1         | 3.3  | 5.6        | 7.7        | 10.8       | 8.7        | 14.7      | 15.4 | <b>18.8</b> | 18.0        | 15.0 | 13.1      | 8.6        |  |
| Std. Dev. Wind Direction | 16  | 22   | 21   | 23   | 21         | 39         | 15          | 23   | 33         | 32         | <b>51</b>  | 40         | 21        | 21   | 18          | 17          | 15   | <b>11</b> | 12         |  |
| Outdoor Temperature      | 76.6  | 75.9 | 75.6 | 75.1 | 74.9       | 74.9       | <b>74.6</b> | 76.8 | 81.7       | 84.1       | 85.7       | 87.2       | 87.0      | 87.8 | 88.3        | <b>88.5</b> | 87.2 | 84.5      | 81.2       |  |
| 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       |  |
|                          | Morning   |      |      |      |            |            |             |      |            |            |            |            | Afternoon |      |             |             |      |           |            |  |
|                          | Maximum values for each parameter are <b>bold</b> within the table. Minimum values are <b>bold italic</b> . |      |      |      |            |            |             |      |            |            |            |            |           |      |             |             |      |           |            |  |
|                          | <b>R</b> - 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 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, 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.

[Site Help](#) | [Disclaimer](#) | [Site Policies](#) | [Accessibility](#) | [Our Compact with Texans](#) | [TCEQ Homeland Security](#)  
Statewide Links: [Texas.gov](#) | [Texas Homeland Security](#) | [TRAIL Statewide Archive](#) | [Texas Veterans Portal](#)

© 2002-2017 Texas Commission on Environmental Quality

Last Modified Tuesday, 30 Jan 2018

# Supplemental Investigator's Odor Intensity Time Log

Investigator: Reyna Loosmore  
 Date of Investigation: October 4, 2018

Location: Intersection of #1 Hwy McArthur Rd & Amy Rpk Rd  
 Start Time: 0838 hrs

| 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      |                                |
| 17      |                                |
| 18      |                                |
| 19      |                                |
| 20      |                                |
| 21      |                                |
| 22      |                                |
| 23      |                                |
| 24      |                                |
| 25      |                                |
| 26      |                                |
| 27      |                                |
| 28      |                                |
| 29      |                                |
| 30      |                                |

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

Odor Description: \_\_\_\_\_

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

Weighted Average Intensity:

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

# Supplemental Investigator's Odor Intensity Time Log

Investigator: Reyna Loosmore

Location: 2700 block of Autumn Falls Dr

Date of Investigation: October 4, 2018

Start Time: 0902 hrs

| 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      |                                |
| 17      |                                |
| 18      |                                |
| 19      |                                |
| 20      |                                |
| 21      |                                |
| 22      |                                |
| 23      |                                |
| 24      |                                |
| 25      |                                |
| 26      |                                |
| 27      |                                |
| 28      |                                |
| 29      |                                |
| 30      |                                |

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

Odor Description: \_\_\_\_\_

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

Weighted Average Intensity:

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

# Supplemental Investigator's Odor Intensity Time Log

Investigator: Rayna Loosmore

Location: Intersection of Hiram Clance Rd & Summerley Drive

Date of Investigation: October 4, 2018

Start Time: 0928h

| 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      |                                |
| 17      |                                |
| 18      |                                |
| 19      |                                |
| 20      |                                |
| 21      |                                |
| 22      |                                |
| 23      |                                |
| 24      |                                |
| 25      |                                |
| 26      |                                |
| 27      |                                |
| 28      |                                |
| 29      |                                |
| 30      |                                |

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

Odor Description: \_\_\_\_\_

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

Weighted Average Intensity:

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

# Supplemental Investigator's Odor Intensity Time Log

Investigator: Reyna Laasmore

Location: Intersection of Bluebonnet Dr & West Dr

Date of Investigation: October 4, 2018

Start Time: 0949 hO

| 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      |                                |
| 17      |                                |
| 18      |                                |
| 19      |                                |
| 20      |                                |
| 21      |                                |
| 22      |                                |
| 23      |                                |
| 24      |                                |
| 25      |                                |
| 26      |                                |
| 27      |                                |
| 28      |                                |
| 29      |                                |
| 30      |                                |

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

Odor Description: \_\_\_\_\_

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

Weighted Average Intensity:

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

# Supplemental Investigator's Odor Intensity Time Log

Investigator: Reyna Loosmore

Location: 900 Barclay Rd

Date of Investigation: October 4, 2018

Start Time: 1009 h10

| 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      |                                |
| 17      |                                |
| 18      |                                |
| 19      |                                |
| 20      |                                |
| 21      |                                |
| 22      |                                |
| 23      |                                |
| 24      |                                |
| 25      |                                |
| 26      |                                |
| 27      |                                |
| 28      |                                |
| 29      |                                |
| 30      |                                |

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

Odor Description: \_\_\_\_\_

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

Weighted Average Intensity:

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



## Supplemental Investigator's Odor Intensity Time Log

Investigator: Reyna Loosmore Location: 1801 Kingsley Dr  
 Date of Investigation: October 4, 2018 Start Time: 1030 hrs

| 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      |                                |
| 17      |                                |
| 18      |                                |
| 19      |                                |
| 20      |                                |
| 21      |                                |
| 22      |                                |
| 23      |                                |
| 24      |                                |
| 25      |                                |
| 26      |                                |
| 27      |                                |
| 28      |                                |
| 29      |                                |
| 30      |                                |

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

Odor Description: \_\_\_\_\_

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

Weighted Average Intensity:

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

# ATTACHMENT 3

**COVER APPLICATION LOG CLASS I NON HAZARDOUS**

| Daily Cover      |           |                |                     |                  |           |                |                     |  |  | Approved Alternative Daily Cover |               |           |               |                   | Elevation               |               | Inspection          |                  | Erosion or             |                | Corrective          |                  | Soil                    |                | Rain                |           | Intermediate Cover |           |               |                   | Final Cover            |           | Inspection                         |  | Erosion       |  | Corrective |  | Final Cover          |  | Month / Year |  |
|------------------|-----------|----------------|---------------------|------------------|-----------|----------------|---------------------|--|--|----------------------------------|---------------|-----------|---------------|-------------------|-------------------------|---------------|---------------------|------------------|------------------------|----------------|---------------------|------------------|-------------------------|----------------|---------------------|-----------|--------------------|-----------|---------------|-------------------|------------------------|-----------|------------------------------------|--|---------------|--|------------|--|----------------------|--|--------------|--|
| 6" Soil          |           |                |                     |                  |           |                |                     |  |  | Spray-On or Tarps                |               |           |               |                   | MSL                     |               | Date of Daily Cover |                  | Leachate Seep Detected |                | Action Required     |                  | Stockpile Required (yd) |                | ≥ 0.5"              |           | 12" Soil           |           |               |                   | Per Final Closure Plan |           | Date of Intermediate & Final Cover |  | ≥ 4" Detected |  | Action     |  | Certification Report |  | Signature    |  |
| 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                        | Not Inspected | Corrected | Not Corrected | Corrective Action | Stockpile Required (yd) | Rain (inches) | ≥ 0.5"              | 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 | Not Inspected      | Corrected | Not Corrected | Corrective Action | Certification Report   | Signature |                                    |  |               |  |            |  |                      |  |              |  |
| 1                |           |                |                     |                  |           |                |                     |  |  |                                  |               |           |               |                   |                         |               |                     |                  |                        |                |                     |                  |                         |                |                     |           |                    |           |               |                   |                        |           |                                    |  |               |  |            |  |                      |  |              |  |
| 2                |           |                |                     |                  |           |                |                     |  |  |                                  |               |           |               |                   |                         |               |                     |                  |                        |                |                     |                  |                         |                |                     |           |                    |           |               |                   |                        |           |                                    |  |               |  |            |  |                      |  |              |  |
| 3                | B-31      | 6"             | B                   | -                | -         | -              |                     |  |  | ✓                                |               |           |               |                   |                         |               |                     |                  |                        |                |                     |                  |                         |                |                     |           |                    |           |               |                   |                        |           |                                    |  |               |  |            |  |                      |  |              |  |
| 4                | B-31      | 6"             | B                   | -                | -         | -              |                     |  |  | ✓                                |               |           |               |                   |                         |               |                     |                  |                        |                |                     |                  |                         |                |                     |           |                    |           |               |                   |                        |           |                                    |  |               |  |            |  |                      |  |              |  |
| 5                | B-31      | 6"             | B                   | -                | -         | -              |                     |  |  | ✓                                |               |           |               |                   |                         |               |                     |                  |                        |                |                     |                  |                         |                |                     |           |                    |           |               |                   |                        |           |                                    |  |               |  |            |  |                      |  |              |  |
| 6                | B-31      | 6"             | B                   | -                | -         | -              |                     |  |  | ✓                                |               |           |               |                   |                         |               |                     |                  |                        |                |                     |                  |                         |                |                     |           |                    |           |               |                   |                        |           |                                    |  |               |  |            |  |                      |  |              |  |
| 7                | B-30      | 6"             | B                   | -                | -         | -              |                     |  |  | ✓                                |               |           |               |                   |                         |               |                     |                  |                        |                |                     |                  |                         |                |                     |           |                    |           |               |                   |                        |           |                                    |  |               |  |            |  |                      |  |              |  |
| 8                |           |                |                     |                  |           |                |                     |  |  |                                  |               |           |               |                   |                         |               |                     |                  |                        |                |                     |                  |                         |                |                     |           |                    |           |               |                   |                        |           |                                    |  |               |  |            |  |                      |  |              |  |
| 9                |           |                |                     |                  |           |                |                     |  |  |                                  |               |           |               |                   |                         |               |                     |                  |                        |                |                     |                  |                         |                |                     |           |                    |           |               |                   |                        |           |                                    |  |               |  |            |  |                      |  |              |  |
| 10               | D-30      | 6"             | B                   | -                | -         | -              |                     |  |  | ✓                                |               |           |               |                   |                         |               |                     |                  |                        |                |                     |                  |                         |                |                     |           |                    |           |               |                   |                        |           |                                    |  |               |  |            |  |                      |  |              |  |
| 11               | B-30      | 6"             | B                   | -                | -         | -              |                     |  |  | ✓                                |               |           |               |                   |                         |               |                     |                  |                        |                |                     |                  |                         |                |                     |           |                    |           |               |                   |                        |           |                                    |  |               |  |            |  |                      |  |              |  |
| 12               | B-31      | 6"             | B                   | -                | -         | -              |                     |  |  | ✓                                |               |           |               |                   |                         |               |                     |                  |                        |                |                     |                  |                         |                |                     |           |                    |           |               |                   |                        |           |                                    |  |               |  |            |  |                      |  |              |  |
| 13               | D-31      | 6"             | B                   | -                | -         | -              |                     |  |  | ✓                                |               |           |               |                   |                         |               |                     |                  |                        |                |                     |                  |                         |                |                     |           |                    |           |               |                   |                        |           |                                    |  |               |  |            |  |                      |  |              |  |
| 14               | D-31      | 6"             | B                   | -                | -         | -              |                     |  |  | ✓                                |               |           |               |                   |                         |               |                     |                  |                        |                |                     |                  |                         |                |                     |           |                    |           |               |                   |                        |           |                                    |  |               |  |            |  |                      |  |              |  |
| 15               |           |                |                     |                  |           |                |                     |  |  |                                  |               |           |               |                   |                         |               |                     |                  |                        |                |                     |                  |                         |                |                     |           |                    |           |               |                   |                        |           |                                    |  |               |  |            |  |                      |  |              |  |
| 16               |           |                |                     |                  |           |                |                     |  |  |                                  |               |           |               |                   |                         |               |                     |                  |                        |                |                     |                  |                         |                |                     |           |                    |           |               |                   |                        |           |                                    |  |               |  |            |  |                      |  |              |  |
| 17               | A-29      | 6"             | -                   | -                | -         | -              |                     |  |  | ✓                                |               |           |               |                   |                         |               |                     |                  |                        |                |                     |                  |                         |                |                     |           |                    |           |               |                   |                        |           |                                    |  |               |  |            |  |                      |  |              |  |
| 18               | A-29      | 6"             | -                   | -                | -         | -              |                     |  |  | ✓                                |               |           |               |                   |                         |               |                     |                  |                        |                |                     |                  |                         |                |                     |           |                    |           |               |                   |                        |           |                                    |  |               |  |            |  |                      |  |              |  |
| 19               | A-25      | 6"             | -                   | -                | -         | -              |                     |  |  | ✓                                |               |           |               |                   |                         |               |                     |                  |                        |                |                     |                  |                         |                |                     |           |                    |           |               |                   |                        |           |                                    |  |               |  |            |  |                      |  |              |  |
| 20               | A-25      | 6"             | -                   | -                | -         | -              |                     |  |  | ✓                                |               |           |               |                   |                         |               |                     |                  |                        |                |                     |                  |                         |                |                     |           |                    |           |               |                   |                        |           |                                    |  |               |  |            |  |                      |  |              |  |
| 21               | A-29      | 6"             | -                   | -                | -         | -              |                     |  |  | ✓                                |               |           |               |                   |                         |               |                     |                  |                        |                |                     |                  |                         |                |                     |           |                    |           |               |                   |                        |           |                                    |  |               |  |            |  |                      |  |              |  |
| 22               |           |                |                     |                  |           |                |                     |  |  |                                  |               |           |               |                   |                         |               |                     |                  |                        |                |                     |                  |                         |                |                     |           |                    |           |               |                   |                        |           |                                    |  |               |  |            |  |                      |  |              |  |
| 23               |           |                |                     |                  |           |                |                     |  |  |                                  |               |           |               |                   |                         |               |                     |                  |                        |                |                     |                  |                         |                |                     |           |                    |           |               |                   |                        |           |                                    |  |               |  |            |  |                      |  |              |  |
| 24               | A-25      | 6"             | B                   | -                | -         | -              |                     |  |  | ✓                                |               |           |               |                   |                         |               |                     |                  |                        |                |                     |                  |                         |                |                     |           |                    |           |               |                   |                        |           |                                    |  |               |  |            |  |                      |  |              |  |
| 25               | A-29      | 6"             | B                   | -                | -         | -              |                     |  |  | ✓                                |               |           |               |                   |                         |               |                     |                  |                        |                |                     |                  |                         |                |                     |           |                    |           |               |                   |                        |           |                                    |  |               |  |            |  |                      |  |              |  |
| 26               | A-29      | 6"             | B                   | -                | -         | -              |                     |  |  | ✓                                |               |           |               |                   |                         |               |                     |                  |                        |                |                     |                  |                         |                |                     |           |                    |           |               |                   |                        |           |                                    |  |               |  |            |  |                      |  |              |  |
| 27               | A-29      | 6"             | B                   | -                | -         | -              |                     |  |  | ✓                                |               |           |               |                   |                         |               |                     |                  |                        |                |                     |                  |                         |                |                     |           |                    |           |               |                   |                        |           |                                    |  |               |  |            |  |                      |  |              |  |
| 28               | A-29      | 6"             | B                   | -                | -         | -              |                     |  |  | ✓                                |               |           |               |                   |                         |               |                     |                  |                        |                |                     |                  |                         |                |                     |           |                    |           |               |                   |                        |           |                                    |  |               |  |            |  |                      |  |              |  |
| 29               |           |                |                     |                  |           |                |                     |  |  |                                  |               |           |               |                   |                         |               |                     |                  |                        |                |                     |                  |                         |                |                     |           |                    |           |               |                   |                        |           |                                    |  |               |  |            |  |                      |  |              |  |
| 30               |           |                |                     |                  |           |                |                     |  |  |                                  |               |           |               |                   |                         |               |                     |                  |                        |                |                     |                  |                         |                |                     |           |                    |           |               |                   |                        |           |                                    |  |               |  |            |  |                      |  |              |  |
| 31               |           |                |                     |                  |           |                |                     |  |  |                                  |               |           |               |                   |                         |               |                     |                  |                        |                |                     |                  |                         |                |                     |           |                    |           |               |                   |                        |           |                                    |  |               |  |            |  |                      |  |              |  |

T = Thickness in inches

Methods: A = Tap 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 4.13. 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

|    |  |
|----|--|
| 1  |  |
| 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 |  |
| 31 |  |



|    |  |
|----|--|
| 1  |  |
| 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 |  |
| 31 |  |



**COVER APPLICATION LOG CLASS I NON HAZARDOUS**

Month / Year: OCTOBER 2018

| Daily Cover |                  |                     | Approved Alternate Daily Cover |                |                     | Elevation |      | Inspection                       |                        | Erosion of                           |                                | Date   |                      | Corrective |                   | Soil      |                | Rain                |                   | Rain      |                | Intermediate Cover  |                        | Final Cover            |                                      | Inspection                     |  | Erosion                           |  | Date |  | Corrective |  | Final Cover |  |
|-------------|------------------|---------------------|--------------------------------|----------------|---------------------|-----------|------|----------------------------------|------------------------|--------------------------------------|--------------------------------|--|----------------------|------------|-------------------|-----------|----------------|---------------------|-------------------|-----------|----------------|---------------------|------------------------|------------------------|--------------------------------------|--------------------------------|--|-----------------------------------|--|------|--|------------|--|-------------|--|
| 6" Soil     | Spray-On or Taps | Method <sup>1</sup> | Grid Area                      | T <sup>2</sup> | Method <sup>1</sup> | MSL       | MSL  | Date of Daily Cover <sup>2</sup> | Leachate Seep Detected | Leachate Seep Corrected <sup>3</sup> | Corrective Action <sup>4</sup> | Stockpile Required <sup>5</sup> (yd <sup>3</sup> ) | Rain (inches) ≥ 0.5" | Yes        | AI/T <sup>1</sup> | Grid Area | T <sup>2</sup> | Method <sup>1</sup> | AI/T <sup>1</sup> | Grid Area | T <sup>2</sup> | Method <sup>1</sup> | Inspection Date & Time | Leachate Seep Detected | Leachate Seep Corrected <sup>3</sup> | Corrective Action <sup>4</sup> | Final Cover Certification Report Reference | Supervisor Signature <sup>6</sup> |  |      |  |            |  |             |  |
| 1           | 500              | B-30                | 6"                             | B              | —                   | 4.9'      | 4.9' | ✓                                | ✓                      |                                      |                                |  |                      |            |                   |           |                |                     |                   |           |                |                     |                        | ✓                      |                                      |                                |  |                                   |  |      |  |            |  |             |  |
| 2           | 500              | B-30                | 6"                             | B              | —                   | 4.9'      | 4.9' | ✓                                | ✓                      |                                      |                                |  |                      |            |                   |           |                |                     |                   |           |                |                     |                        |                        |                                      |                                |  |                                   |  |      |  |            |  |             |  |
| 3           | 500              | B-30                | 6"                             | B              | —                   | 4.6'      | 4.6' | ✓                                | ✓                      |                                      |                                |  |                      |            |                   |           |                |                     |                   |           |                |                     |                        |                        |                                      |                                |  |                                   |  |      |  |            |  |             |  |
| 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          |                  |                     |                                |                |                     |           |      |                                  |                        |                                      |                                |  |                      |            |                   |           |                |                     |                   |           |                |                     |                        |                        |                                      |                                |  |                                   |  |      |  |            |  |             |  |
| 31          |                  |                     |                                |                |                     |           |      |                                  |                        |                                      |                                |  |                      |            |                   |           |                |                     |                   |           |                |                     |                        |                        |                                      |                                |  |                                   |  |      |  |            |  |             |  |

AI/T = 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 = Gracing, M = Compacting, S = Seeding  
 SOP Section 7.4 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 (RACH) disposal area.  
 Signature certifies work accomplished as stated in the Cover Application Log

|    |  |
|----|--|
| 1  |  |
| 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 |  |
| 31 |  |



## COVER APPLICATION LOG

Page 1 of 2

msu

Month / Year: OCTOBER 20

[illegible]

|    |  |
|----|--|
| 1  |  |
| 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 |  |
| 31 |  |

## **ATTACHMENT 4**



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

October 3, 2018

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

Re: Request for Additional Time to Repair Erosion - Weekly Progress Report  
Blue Ridge Landfill, 2200 FM 521 Road, Fresno, (Fort Bend County), Texas;  
TCEQ MSW Permit 1505A

Dear Mr. Ybarra:

Per your letter dated July 11, 2018 approving additional time to repair erosion, Blue Ridge Landfill, TX, LP ("Blue Ridge") is providing the TCEQ Region 12 office with the eleventh weekly progress in implementing the erosion corrective action. During week 11 (9/26/2018 - 10/2/2018), Blue Ridge did not complete repairs within the erosion extension areas due to continued heavy rainfall.

Please contact me at 713-676-7669 if you have any questions.

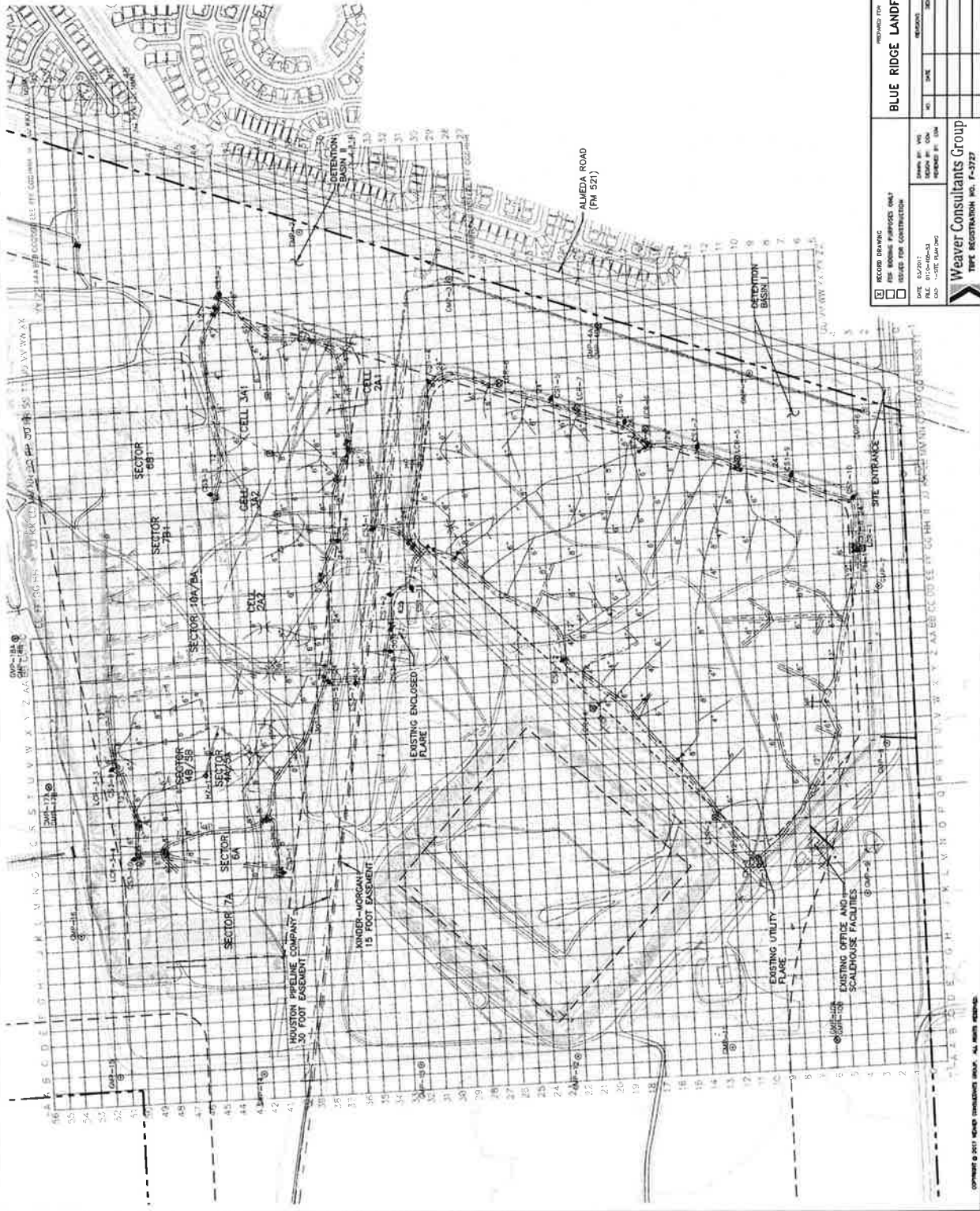
Sincerely,

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

Burgess Stengl  
Environmental Manager

Cc: Mark Meadows, Blue Ridge Landfill

RECEIVED  
OCT 04 2018  
REGION 12



- LEGEND**
- PERMIT BOUNDARY
  - LIMIT OF WASTE
  - EXISTING FILL AREA
  - CELL BOUNDARY
  - EASEMENT BOUNDARY
  - STATE PLANE COORDINATE SYSTEM
  - EXISTING CONTOUR
  - EXISTING LFG MONITORING PROBE
  - EXISTING REMOTE WELHEAD
  - EXISTING CONDENSATE PUMP STATION
  - EXISTING LFG COLLECTION PIPING
  - EXISTING ISOLATION VALVE
  - EXISTING CONDENSATE SUMP
  - EXISTING LOR CONNECTION
  - EXISTING HEADER ACCESS RISER
  - EXISTING SOLAR FLARE LOCATION
  - EXISTING PRESSURE TAP
  - EXISTING BLIND FLANGE
  - EXISTING HOPE CAP
  - EXISTING ROAD CROSSING
  - EXISTING AIR SUPPLY LINE
  - EXISTING CONDENSATE FORCEMAIN
  - EXISTING AIR/CONDENSATE VALVE
  - EXISTING LFG PIPING
  - INSTALLED LFG ISOLATION VALVE
  - INSTALLED HEADER ACCESS RISER
  - INSTALLED HOPE CAP
  - INSTALLED AIR/CONDENSATE VALVE
  - INSTALLED BLIND FLANGE
  - INSTALLED LFG COLLECTION PIPING
  - INSTALLED AIR SUPPLY LINE
  - INSTALLED CONDENSATE FORCEMAIN
  - ABANDONED LFG EXTRACTION WELL
  - ABANDONED LFG COLLECTION PIPING
  - ABANDONED CONDENSATE FORCEMAIN
  - ABANDONED ROAD CROSSING
  - ABANDONED CONDENSATE VALVE

**NOTE:**  
THE EXISTING CONTOURS AND ELEVATIONS PROVIDED BY COOPER AERIAL SURVEYS CO. FROM AERIAL PHOTOGRAPHY FLOWN ON 11-15-2016.

**RECORD DRAWING**

2016 PHASE II, III, & IV  
LFG SYSTEM EXPANSION  
SITE PLAN  
BLUE RIDGE LANDFILL  
FORT BEND COUNTY, TEXAS

|                          |                 |                               |                 |                               |                 |
|--------------------------|-----------------|-------------------------------|-----------------|-------------------------------|-----------------|
| RECORD DRAWING           |                 | FOR REVIEW PURPOSES ONLY      |                 | ISSUED FOR CONSTRUCTION       |                 |
| DATE: 03/20/17           | BY: [Signature] | DATE: 03/20/17                | BY: [Signature] | DATE: 03/20/17                | BY: [Signature] |
| Weaver Consultants Group |                 | Texas Registration No. F-3727 |                 | Texas Registration No. F-3727 |                 |



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

October 9, 2018

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

Re: Request for Additional Time to Repair Erosion - Weekly Progress Report  
Blue Ridge Landfill, 2200 FM 521 Road, Fresno, (Fort Bend County), Texas;  
TCEQ MSW Permit 1505A

Dear Mr. Ybarra:

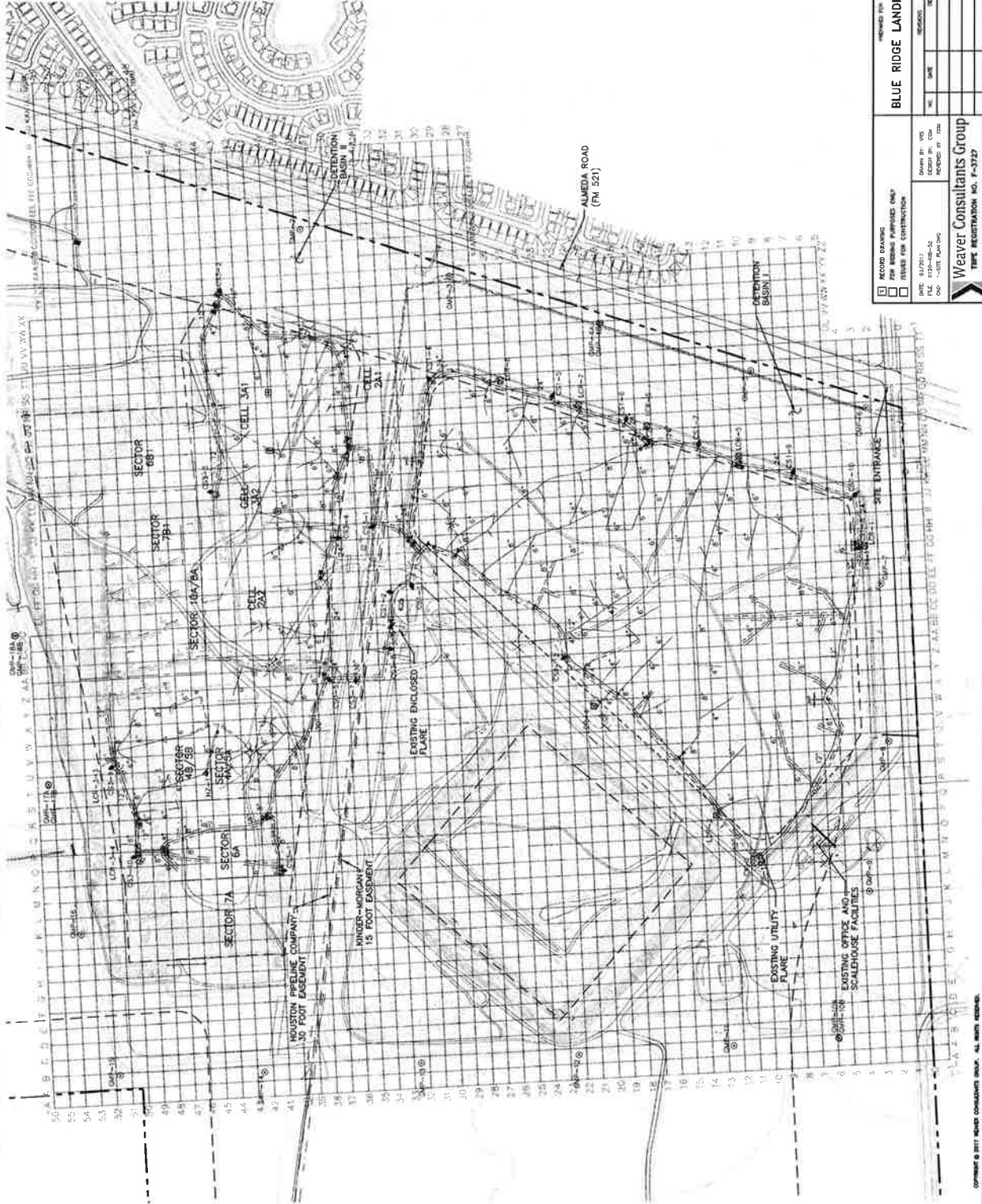
Per your letter dated July 11, 2018 approving additional time to repair erosion, Blue Ridge Landfill, TX, LP ("Blue Ridge") is providing the TCEQ Region 12 office with the twelfth weekly progress in implementing the erosion corrective action. During week 12 (10/3/2018 – 10/8/2018), Blue Ridge did not complete repairs within the erosion extension areas due to continued heavy rainfall.

Please contact me at 713-676-7669 if you have any questions.

Sincerely,

Burgess Stengl  
Environmental Manager

Cc: Mark Meadows, Blue Ridge Landfill



- LEGEND**
- PERMIT BOUNDARY
  - LIMIT OF WASTE
  - EXISTING FILL AREA
  - CELL BOUNDARY
  - EASEMENT BOUNDARY
  - STATE PLANE COORDINATE SYSTEM
  - EXISTING CONTOUR
  - EXISTING LFG MONITORING PROBE
  - EXISTING REMOTE WELLHEAD
  - EXISTING CONDENSATE PUMP STATION
  - EXISTING LFG COLLECTION PIPING
  - EXISTING ISOLATION VALVE
  - EXISTING CONDENSATE SUMP
  - EXISTING LOR CONNECTION
  - EXISTING HEADER ACCESS RISER
  - EXISTING SOLAR FLARE LOCATION
  - EXISTING PRESSURE TAP
  - EXISTING BLIND FLANGE
  - EXISTING NOPE CAP
  - EXISTING ROAD CROSSING
  - EXISTING AIR SUPPLY LINE
  - EXISTING CONDENSATE FORCEMAIN
  - EXISTING AIR/CONDENSATE VALVE
  - EXISTING LFG PIPING
  - INSTALLED LFG ISOLATION VALVE
  - INSTALLED HEADER ACCESS RISER
  - INSTALLED NOPE CAP
  - INSTALLED AIR/CONDENSATION VALVE
  - INSTALLED BLIND FLANGE
  - INSTALLED LFG COLLECTION PIPING
  - INSTALLED AIR SUPPLY LINE
  - INSTALLED CONDENSATE FORCEMAIN
  - ABANDONED LFG EXTRACTION WELL
  - ABANDONED LFG COLLECTION PIPING
  - ABANDONED CONDENSATE FORCEMAIN
  - ABANDONED ROAD CROSSING
  - ABANDONED CONDENSATE VALVE

**NOTE:**  
1. THE EXISTING CONTOURS AND ELEVATIONS PROVIDED BY COOPER AERIAL SURVEYS CO. FROM AERIAL PHOTOGRAPHY "LOWIN CN 11-15-2016"

**RECORD DRAWING**

|  |  |
|--|--|
| <b>2016 PHASE II, III, &amp; IV<br/>LFG SYSTEM EXPANSION<br/>SITE PLAN</b> |  |
| <b>BLUE RIDGE LANDFILL TX, LP</b>  |  |
| <b>WEAVER CONSULTANTS GROUP</b>  |  |
| TIME REGISTRATION NO. F-3727   |  |
| WWW.WCGRP.COM  |  |
| DRAWING 1  |  |
| DATE: 9/20/17  |  |
| BY: [Signature]  |  |
| CHECKED BY: [Signature]  |  |
| APPROVED BY: [Signature]   |  |
| SCALE: AS SHOWN  |  |
| SHEET NO. 1 OF 1   |  |
| PROJECT NO. 17-001   |  |
| CLIENT: [Name]   |  |
| LOCATION: [Address]  |  |
| DESCRIPTION: [Description]   |  |
| REVISIONS:   |  |
| NO. DATE DESCRIPTION   |  |
| 1 9/20/17 [Description]  |  |





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

October 3, 2018

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

Re: Request for Additional Time to Repair Erosion - Weekly Progress Report  
Blue Ridge Landfill, 2200 FM 521 Road, Fresno, (Fort Bend County), Texas;  
TCEQ MSW Permit 1505A

Dear Mr. Ybarra:

Per your letter dated September 20, 2018 approving additional time to repair erosion, Blue Ridge Landfill, TX, LP ("Blue Ridge") is providing the TCEQ Region 12 office with the second weekly progress in implementing the erosion corrective action. During week 1 (9/26/2018 - 10/2/2018), Blue Ridge was not able to complete repairs on the referenced slopes because of continued heavy rainfall amounts.

Please contact me at 713-676-7669 if you have any questions.

Sincerely,

Burgess Stengl  
Environmental Manager

Cc: Mark Meadows, Blue Ridge Landfill

RECEIVED  
OCT 04 2018  
REGION 12







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

October 9, 2018

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

Re: Request for Additional Time to Repair Erosion - Weekly Progress Report  
Blue Ridge Landfill, 2200 FM 521 Road, Fresno, (Fort Bend County), Texas;  
TCEQ MSW Permit 1505A

Dear Mr. Ybarra:

Per your letter dated September 20, 2018 approving additional time to repair erosion, Blue Ridge Landfill, TX, LP ("Blue Ridge") is providing the TCEQ Region 12 office with the third weekly progress in implementing the erosion corrective action. During week 3 (10/3/2018 – 10/8/2018), Blue Ridge was not able to complete repairs on the referenced slopes because of continued heavy rainfall amounts.

Please contact me at 713-676-7669 if you have any questions.

Sincerely,

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

Burgess Stengl  
Environmental Manager

Cc: Mark Meadows, Blue Ridge Landfill

RECEIVED  
OCT 10 2018  
REGION 12

