

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

June 29, 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), TX 77545
TCEQ MSW Permit No.: 1505A
Investigation No.: 1483662

Dear Mr. Stengl:

The Texas Commission on Environmental Quality (TCEQ) Houston Region Office received on April 15, 16, 17, 18, 19, 20, 23, 24, 25, 26, 27, 30, May 1, 7, and 10, 2018 requests for assistance regarding the odor at the above-referenced facility. In response to this request, Mr. Richard Blackney and Ms. Reyna Loosmore of this office conducted an investigation on April 27, 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.

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 cursive script that reads "Alma L. Jefferson".

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

ALJ/RLB/rsv

MSW PA-1505A_CP_20180425_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

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

Regulated Entity Name: BLUE RIDGE LANDFILL

Regulated Entity Number: RN102610102

Investigation # 1483662

Incident Numbers

282574	282819
282578	282922
282499	282504
282835	282850
282934	282283
282289	282301
282347	282286
282307	282930
282304	282349
282926	282842
282350	282287
282351	282820
282822	282924
282292	282847
282576	282353
282500	282354
282572	282285
282920	282305
282928	282356
282840	282502
282568	282357
282281	282824
282359	282925
282298	282929
282933	282288

Investigator: REYNA LOOSMORE

Site Classification TYPE 1

Conducted: 04/25/2018 -- 06/18/2018

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): MSWCMPL - Investigation of MSW
complaint

Principal(s):

Role

Name

RESPONDENT

BLUE RIDGE LANDFILL TX LP

BLUE RIDGE LANDFILL - FRESNO

4/25/2018 to 6/18/2018 Inv. # - 1483662

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Contact(s):

Role	Title	Name	Phone
PARTICIPATED IN	ENVIRONMENTAL MANAGER	MR BURGESS STENGL	Office (713) 676-7669
REGULATED ENTITY CONTACT	ENVIRONMENTAL MANAGER	MR BURGESS STENGL	Office (713) 676-7669
REGULATED ENTITY MAIL CONTACT	ENVIRONMENTAL MANAGER	MR BURGESS STENGL	Office (713) 676-7669
PARTICIPATED IN	OPERATIONS SUPERVISOR	MR RICHARD LEMMEL	

Other Staff Member(s):

Role	Name
QA Reviewer	CARLOS GRIGGS
Investigator	RICHARD BLACKNEY
Supervisor	ALMA JEFFERSON

Associated Check List

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

Investigation Comments:**INTRODUCTION**

On April 15, 16, 17, 18, 19, 20, 23, 24, 25, 26, 27, 30, May 1, 7, and 10, 2018, the Texas Commission on Environmental Quality (TCEQ) Houston Region Office Waste Section received 155 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 March 31, April 10, 13, 14, 15, 16, 18, 19, 21, 22, 23, 24, 25, 26, and 27, 2018.

On April 25, 2018, the TCEQ Monitoring Division Staff (Monitoring Division) conducted odor surveys in the area surrounding BRL. On April 27, 2018, Ms. Reyna L. Loosmore and Mr. Richard Blackney, Environmental Investigators of the TCEQ Houston Region Office, conducted an unannounced on-site Odor Complaint Investigation at BRL.

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. The Agreed Order included a requirement for BRL to submit a plan to the TCEQ designed to minimize odors; monitor for, detect, and respond to potential off-site nuisance odors; and maintain detailed records of the activities performed to comply with the plan. Following submittal by BRL of a revised plan dated April 5, 2018, the plan was approved by the TCEQ on April 10, 2018 (Attachment 1), thus requiring BRL to implement all provisions of the plan in accordance with the schedule within it.

On April 27, 2018, BRL submitted to the TCEQ Houston Region Office a request for additional time to repair erosion caused by 1.5 inches of rain from April 21 through 22, 2018. By letter dated April 30, 2018 (Attachment 1), BRL was granted additional time to repair the erosion. Repair of erosion weekly report letters received on May 7, 15, and 30, 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 surrounding land use includes industrial facilities and residential subdivisions.

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

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

Complainant Information:

See confidential files (TCEQ Incident Nos. 282819, 282820, 282822, 282824, 282835, 282840, 282842, 282847, 282850, 282920, 282922, 282924, 282925, 282926, 282928, 282929, 282930, 282933, 282934, 282281, 282283, 282285, 282286, 282287, 282288, 282289, 282292, 282298, 282301, 282304, 282305, 282307, 282347, 282349, 282350, 282351, 282353, 282354, 282356, 282357, 282359, 282499, 282500, 282502, 282504, 282568, 282572, 282574, 282576, 282578, 282934, 282935, 282936, 282940, 282941, 282942, 282943, 282945, 282947, 282949, 282950, 282951, 282953, 282954, 282955, 282958, 283012, 283013, 283014, 283015, 283017, 283018, 283019, 283021, 283022, 283023, 283024, 283025, 283027, 283028, 283029, 283030, 283032, 283033, 283034, 283035, 283037, 283038, 283039, 283040, 283041, 283042, 283044, 283046, 283047, 283073, 283074, 283075, 283076, 283077, 283078, 283079, 283081, 283082, 283083, 283084, 283086, 283088, 283089, 283092, 283095, 283097, 283098, 283100, 283101, 283178, 283196, 283197, 283199, 283200, 283203, 283208, 283217, 283218, 283219, 283221, 283296, 283290, 283289, 283286, 283285, 283283, 283278, 283275, 283349, 283348, 283344, 283398, 283397, 283395, 283394, 283392, 283387, 283412, 283413, 283414, 283415, 283416, 283418, 283421, 283424, 283565, 283427, 283591, 283590, and 284014). Some of the incidents for this complaint are included in Data Maintenance File Review Nos. 1483802, 1483939, and 1484740.

Description of Alleged Effects:

Nausea, headache, sinus problems, irritation to eyes/throat/nose were described as occurring because of the odors.

Meteorological data at the time of the odor survey:

Date: April 25, 2018

Wind Direction: a.m. – northeast (NE) to south-southeast (SSE) to southwest (SW), p.m. – northwest (NW)

Wind Speed: a.m. - average 3.0 miles per hour (mph), p.m. - average 5.7 mph

Outdoor Temperature: a.m. - average 71 °F, p.m. - average 69 °F

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

Odor Survey (OS):

The TCEQ Monitoring Division conducted OS No. 1 at 4:03 a.m., crosswind of BRL at the 14000 block of Lake Hollow Drive in Pearland. Sweet, garbage odors were detected intermittently during 16 of the 20 minutes spent at OS No. 1, averaging to a very light intensity.

OS No. 2 located at the 2500 block of Mountain Sage Drive in Pearland and upwind of BRL was conducted at 5:27 a.m. Garbage odors were detected during 16 of the 21 minutes spent at OS No. 2, averaging a very light intensity.

Page 4 of 5

OS No. 3 located at the access road of FM 521 in Pearland and downwind from BRL was conducted at 10:00 a.m. A very light intensity odor was detected during one (1) of the 15 minutes spent at OS No. 3.

OS No. 4 located off of Hooper Road in Pearland and upwind from Brenntag Southwest/Syntech Chemicals was conducted at 10:30 a.m. Fishy amine odors were detected during 15 of the 15 minutes spent at OS site no. 4, averaging a very light intensity.

OS No. 5 located at the 2700 block of Golden Creek Lane in Pearland and downwind of the Sewer Lift Station was conducted at 11:45 a.m. No odors were detected during the 15 minutes spent at OS No. 5.

OS No. 6 located on Lost Bridge Lane in Pearland and downwind of BRL was conducted at 8:23 p.m. Garbage odors were detected during 21 of the 21 minutes spent at OS No. 6, averaging a light intensity.

OS No. 7 located at the intersection of Rocky Isle Drive and Longlake Drive in Pearland and downwind of BRL was conducted at 9:18 p.m. Garbage/fecal odors were detected during 50 of the 60 minutes spent at OS No. 7, averaging a light intensity.

OS No. 8 located at the 12000 block of Banks Run Drive in Pearland and downwind of the Reflection Bay Wastewater Treatment Plant (WWTP) was conducted at 11:35 p.m. No odors were detected during the 15 minutes spent at OS No. 8.

An aerial view map of the OS locations and the OS logs are included in Attachment 2.

Summary of the on-site investigation:

On April 27, 2018, Ms. Loosmore and Mr. Blackney arrived at BRL and met with Mr. Burgess Stengl, Environmental Manager, and Mr. Richard Lemmel, Operations Supervisor, to whom the purpose and scope of the investigation were explained.

BRL receives MSW in the MSW cell of the landfill from Monday through Saturday. Six inches of soil is applied at the end of each operating day. The facility representatives drove the investigators to the MSW and Class 1 working faces, by which piles of soil were observed. The investigators obtained a copy of the MSW cover log for April 1 through 26, 2018 (Attachment 3). The log indicated that soil is applied to the working face as required.

Description of Odor:

Garbage and amine odors were detected by the Monitoring Division during the odor survey.

Description of the Effects on the Investigator:

No health effects were experienced by the Monitoring Division.

Description of the Terrain Features of the Area:

Terrain is flat with residences and businesses.

Location of the Source of the Odor:

According to the odor surveys, the Monitoring Division detected odors from the direction of Blue Ridge Landfill, and Brenntag Southwest/Syntech Chemicals Facilities.

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

According to the FIDO protocol, the odor of garbage from BRL is characterized as "offensive", and the amine odor from Brenntag Southwest and Syntech Chemicals is characterized as "unpleasant". Landfill odors were previously detected coming from the direction of BRL on February 16, March 6, and April 12, 2018. Therefore, the frequency of odors documented by the TCEQ Houston Region Office investigators was a monthly occurrence.

ADDITIONAL INFORMATION

BLUE RIDGE LANDFILL - FRESNO

4/25/2018 to 6/18/2018 Inv. # - 1483662

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On May 7, 2018, a letter was received from BRL regarding the progress made regarding the request for additional time to repair erosion (Attachment 4). According to the letter, BRL completed the following repairs: east slope of Phase 2, between grid markers N-S and 13-25; south slope of Phase 3 between grid markers H-Q and 37-43; west slope of Phase 3 between grid markers 42-51 and H-L; and north slope of Phase 3 between grid markers T-Z and 48-55.

On May 15, 2018, a letter was received from BRL indicating that the facility had not completed repairs within the erosion extension areas (Attachment 4).

On May 30, 2018, a letter was received from BRL regarding the facility's progress to repair erosion (Attachment 4). According to the letter, BRL completed repairs on Phase 3 north slope between AA-JJ, 48-55, thus completing the repairs within the April 30, 2018 extension areas.

CONCLUSION

No alleged violations of the solid waste management requirements were observed during this investigation in relation to the complaints. According to FIDO protocol, nuisance odor conditions were not confirmed during the investigation conducted on April 25 and 27, 2018. The complaints are closed.

No Violations Associated to this Investigation

Signed 
Environmental Investigator

Date 06/29/18

Signed 
Supervisor

Date 06/29/2018

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

Texas Commission on Environmental Quality Investigation Report

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

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

Regulated Entity Name: BLUE RIDGE LANDFILL

Regulated Entity Number: RN102610102

Investigation # 1483802

Incident Numbers

283015	282936
283035	283019
283027	282941
283044	282947
283023	283073
283012	283076
283033	283040
282951	283024
282942	282949
283074	283028
283013	283077
283021	283017
283046	282953
283034	282935
283018	283037
282958	282943
283030	283047
283041	283078
283038	283029
282954	283014
283032	283075
283025	283042
282945	283039
282955	282940
283022	282950

Investigator: REYNA LOOSMORE

Site Classification TYPE 1

Conducted: 04/25/2018 -- 06/18/2018

NAIC Code: 562212

NAIC Code: 486210

SIC Code: 4922

SIC Code: 4953

SIC Code: 1521

Program(s): MUNICIPAL SOLID WASTE DISPOSAL

Investigation Type: Data Maintenance File Review

Location: LOCATED ON 2200 FM 521

Additional ID(s): 1505A

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

Local Unit:

Activity Type(s):

Principal(s):

Role

Name

RESPONDENT

BLUE RIDGE LANDFILL TX LP

BLUE RIDGE LANDFILL - FRESNO

4/25/2018 to 6/18/2018 Inv. # - 1483802

Page 2 of 2

Contact(s):

Role	Title	Name	Phone
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Other Staff Member(s):

Role	Name
Supervisor	ALMA JEFFERSON

Associated Check List

<u>Checklist Name</u>	<u>Unit Name</u>
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Investigation Comments:

This Data Maintenance File Review was created to associate additional incidents for Investigation No. 1483662.

No Violations Associated to this Investigation

Signed


Environmental Investigator

Date 06/29/18

Signed


Supervisor

Date 06/29/2018

Attachments: (in order of final report submittal)

☐ Enforcement Action Request (EAR)

☐ Letter to Facility (specify type) : _____

☐ Investigation Report

☐ Sample Analysis Results

☐ Manifests

☐ Notice of Registration

☐ Maps, Plans, Sketches

☐ Photographs

☐ Correspondence from the facility

☐ Other (specify) : _____

Texas Commission on Environmental Quality Investigation Report

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

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

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

Investigation # 1483939

Incident Numbers

283286	283283
283424	283344
283219	283275
283412	283199
283079	283089
283397	283296
283084	283092
283081	283197
283348	283200
283208	283086
283221	283398
283101	283095
283088	283289
283392	283098
283082	283418
283203	283415
283097	283100
283178	283217
283394	283413
283278	283290
283285	283196
283414	283387
283395	283218
283083	283349
283416	283421

Investigator: REYNA LOOSMORE

Site Classification TYPE 1

Conducted: 04/25/2018 -- 06/18/2018

NAIC Code: 562212

NAIC Code: 486210

SIC Code: 4922

SIC Code: 4953

SIC Code: 1521

Program(s): MUNICIPAL SOLID WASTE DISPOSAL

Investigation Type: Data Maintenance File Review

Location: LOCATED ON 2200 FM 521

Additional ID(s): 1505A

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

Local Unit:

Activity Type(s):

Principal(s):

Role

Name

RESPONDENT

BLUE RIDGE LANDFILL TX LP

BLUE RIDGE LANDFILL - FRESNO

4/25/2018 to 6/18/2018 Inv. # - 1483939

Page 2 of 2

Contact(s):

Role	Title	Name	Phone
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Other Staff Member(s):

Role	Name
Supervisor	ALMA JEFFERSON

Associated Check List

<u>Checklist Name</u>	<u>Unit Name</u>
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Investigation Comments:

This Data Maintenance File Review was created to associate additional incidents for Investigation No. 1483662.

No Violations Associated to this Investigation

Signed


Environmental Investigator

Date

06/29/18

Signed


Supervisor

Date

06/29/2018

Attachments: (in order of final report submittal)

___ Enforcement Action Request (EAR)

___ Letter to Facility (specify type) : _____

Investigation Report

___ Sample Analysis Results

___ Manifests

___ Notice of Registration

___ Maps, Plans, Sketches

___ Photographs

___ Correspondence from the facility

___ Other (specify) : _____

Texas Commission on Environmental Quality Investigation Report

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

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

Regulated Entity Name: BLUE RIDGE LANDFILL

Regulated Entity Number: RN102610102

Investigation # 1484740

Incident Numbers

284014	283591
283590	283427
283565	

Investigator: REYNA LOOSMORE

Site Classification TYPE 1

Conducted: 04/25/2018 -- 06/18/2018

NAIC Code: 562212

NAIC Code: 486210

SIC Code: 4922

SIC Code: 4953

SIC Code: 1521

Program(s): MUNICIPAL SOLID WASTE DISPOSAL

Investigation Type: Data Maintenance File Review

Location: LOCATED ON 2200 FM 521

Additional ID(s): 1505A

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

Local Unit:

Activity Type(s):

Principal(s):

Role	Name
RESPONDENT	BLUE RIDGE LANDFILL TX LP

Contact(s):

Role	Title	Name	Phone
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Other Staff Member(s):

Role	Name
Supervisor	ALMA JEFFERSON

Associated Check List

<u>Checklist Name</u>	<u>Unit Name</u>
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Investigation Comments:

This Data Maintenance File Review was created to associate additional incidents for Investigation No. 1483662.

BLUE RIDGE LANDFILL - FRESNO

4/25/2018 to 6/18/2018 Inv. # - 1484740

Page 2 of 2

No Violations Associated to this Investigation

Signed


Environmental Investigator

Date 06/29/18

Signed


Supervisor

Date 06/29/2018

Attachments: (in order of final report submittal)

___ Enforcement Action Request (EAR)

___ Letter to Facility (specify type) : _____

___ Investigation Report

___ Sample Analysis Results

___ Manifests

___ Notice of Registration

___ Maps, Plans, Sketches

___ Photographs

___ Correspondence from the facility

___ Other (specify) : _____

**Blue Ridge Landfill
2200 F.M. 521, Fresno (Fort Bend County), TX 77545
Municipal Solid Waste Permit No. 1505A
MSW Complaint Investigation
Conducted on April 25 and 27, 2018**

List of Attachments

Attachment 1	Revised Odor Plan Approval and Erosion Extension Request Letters
Attachment 2	Meteorological Information, Map of Odor Survey locations and Odor Logs
Attachment 3	April 2018 Cover Log
Attachment 4	Erosion Weekly Report Letters

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

April 10, 2018

Mr. Brandon Rogers, General Manager
Blue Ridge Landfill TX, LP
P.O. Box 879
Fresno, Texas 77545-0879

Re: Response to the Revised Odor Control Plan ("the Plan") Submitted for Compliance with
Ordering Provisions of TCEQ Agreed Order Docket No. 2016-1923-AIR-E
Case No. 53555; Blue Ridge Landfill TX, LP; RN102610102
Agreed Order Effective Date: July 12, 2017

Dear Mr. Rogers:

The Executive Director of the Texas Commission on Environmental Quality ("Executive Director") received your letter dated April 5, 2018 containing the Plan required by the Ordering Provisions ("OP") of the above referenced Order. This submittal was a revision to Plans that were previously submitted on August 11, 2017, November 30, 2017, January 18, 2018, and March 8, 2018. These revisions were based on discussions and meetings between the Executive Director and Blue Ridge Landfill TX, LP.

The Executive Director has reviewed the Plan submitted on April 5, 2018 and has determined that Blue Ridge Landfill TX, LP has met the requirements of OP No. 3.b. and that the Plan is hereby **approved**. In addition, the Executive Director **approves** Attachment 1 ("Blue Ridge Landfill Odor Control Plan Implementation Schedule") of your April 5, 2018 letter. Blue Ridge Landfill TX, LP is now required to implement all provisions of the Plan in accordance with the approved schedule, as required by OP No. 3.e.

Additionally, Blue Ridge Landfill TX, LP must comply with all the OPs in Section IV. of the Order, within the timeframes specified therein.

If you have any questions or need further assistance, please contact Mr. Rajesh Acharya of my staff at (512) 239-0577.

A handwritten signature in cursive script that reads "Bryan Sinclair".

Sincerely,

Bryan Sinclair, Director
Enforcement Division

Mr. Brandon Rogers
Page 2

cc: Mr. Duncan C. Norton, Principal, Lloyd Gosselink Rochelle & Townsend, P.C., 816
Congress Avenue, Suite 1900, Austin, Texas 78701-2478



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

April 30, 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 four letters, dated April 27, 2018, requesting additional time to repair erosion caused by rain from April 21 through 22, 2018 at the Blue Ridge Landfill. During that period, approximately 1.5 inches of rain fell. The areas in the requests are identified as located as follows:

1. On the east slope of Phase 2, between grid markers N-S and 13-25;
2. On the south slope of Phase 3, between grid markers H-Q and R-X and 37-43;
3. On the west slope of Phase 3, between grid markers 42-51 and H-L; and
4. On the north slope of Phase 3, between grid markers T-Z, AA-JJ, and 48-55.

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/rv

Enclosures: Request for Additional Time to Repair Erosion letter, dated April 30, 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



April 30, 2018

Ms. Alma L. Jefferson, Waste Section Team Leader
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 Ms. Jefferson,

Per your e-mail request of April 27, 2018, Blue Ridge Landfill TX, LP is providing the alpha and numeric grid coordinates for the erosion extension request dated April 27, 2018. 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 April 21 and 22, 2018. During that period of time, approximately 1.5 inches of rain fell. 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 areas in this request are on the **east** slope of Phase 2, between grid markers N-S and 13-25. Also, the **south** slope of Phase 3 between grid markers H-Q and R-X and 37-43. In addition, the **west** slope of Phase 3 between grid markers 42-51 and H-L. Lastly, the **north** slope of Phase 3 between grid markers T-Z, AA-JJ and 48-55.

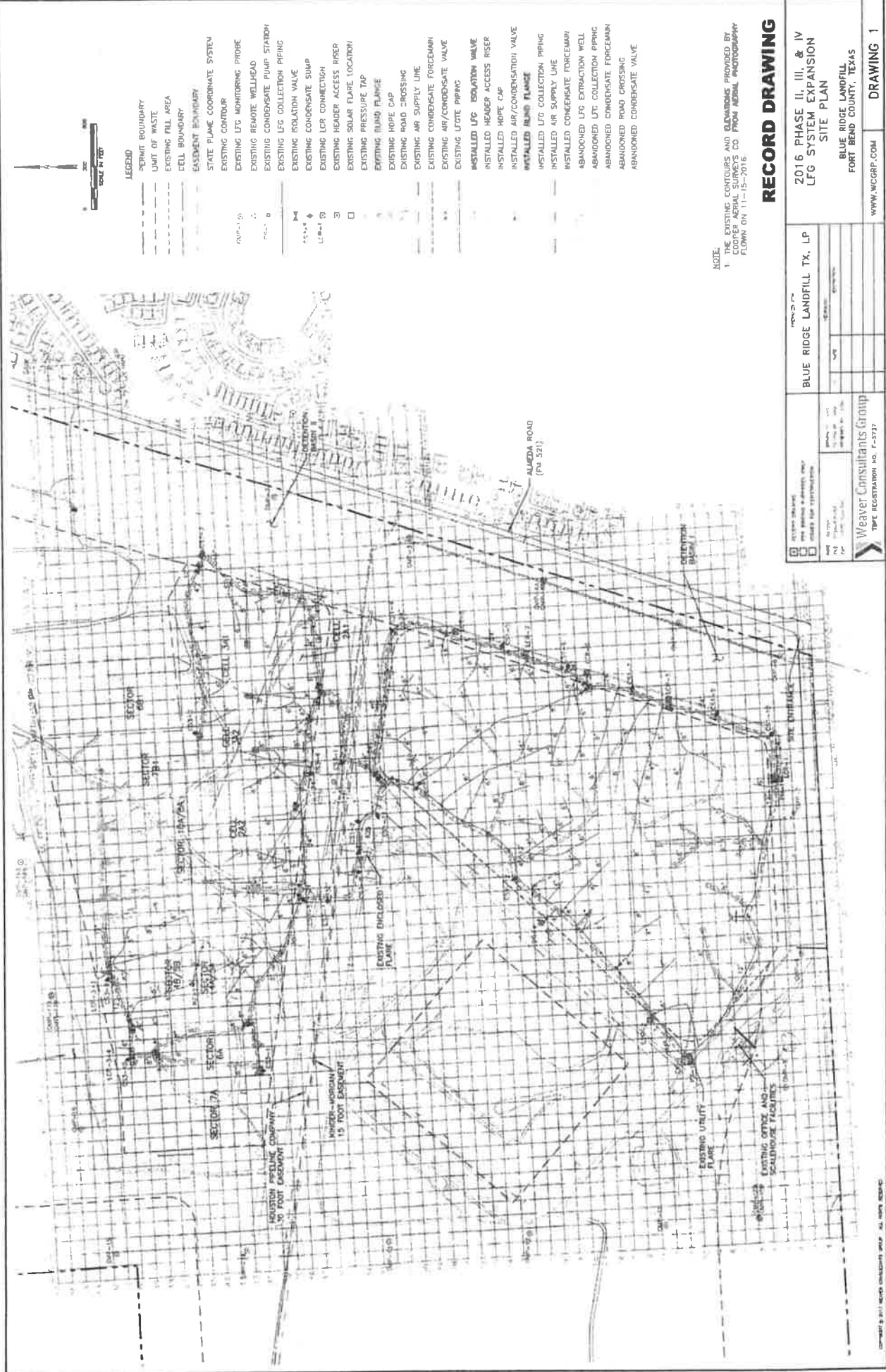
Safety and environmental compliance are at the forefront of the Blue Ridge Landfill; therefore, the repairs will be made as soon as possible.

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

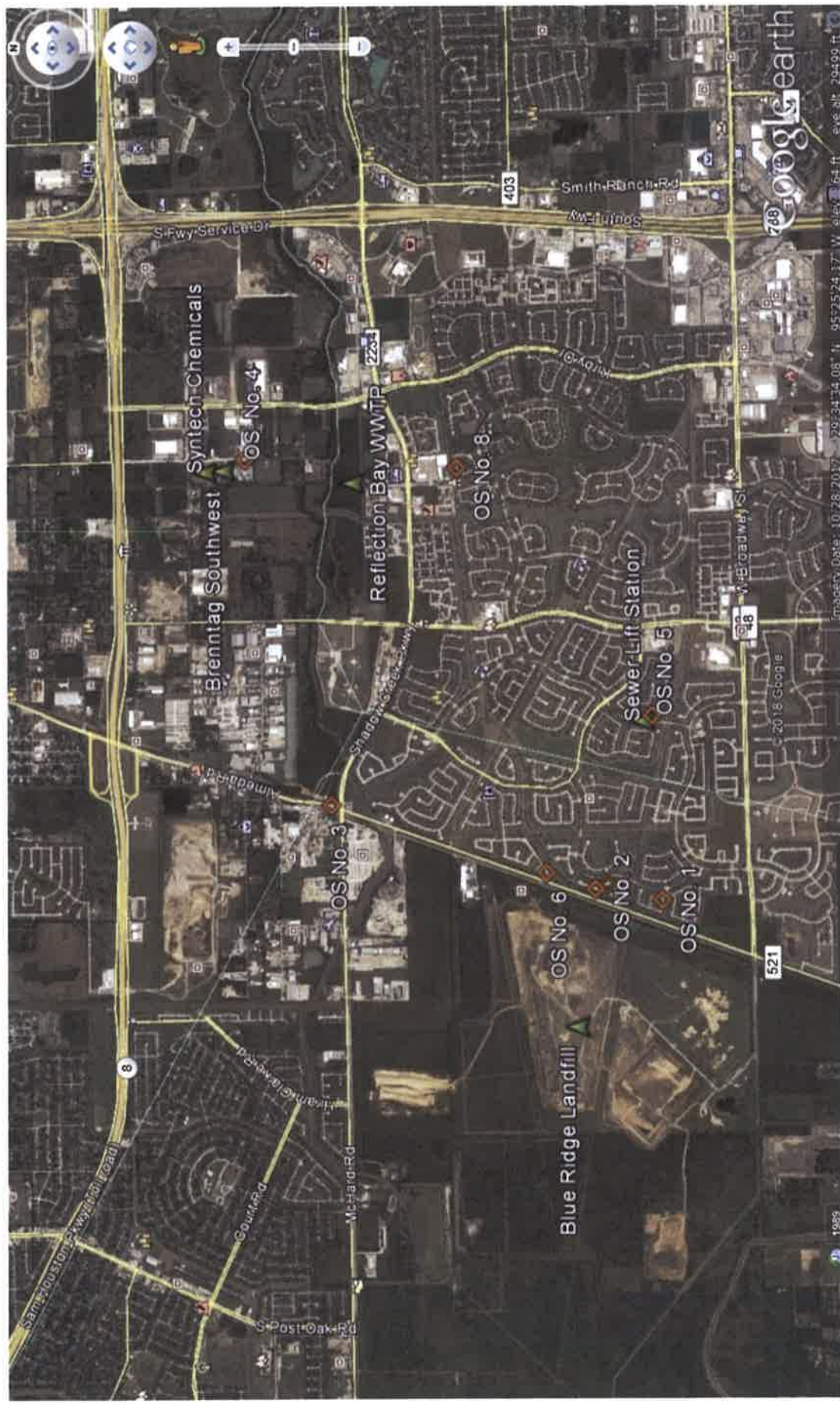
Sincerely,

A handwritten signature in cursive script, appearing to read "Burgess Stengl".

Burgess Stengl
Environmental Manager



ATTACHMENT 2



TCEQ Monitoring Division Staff

April 25, 2018 Odor Surveys

Manvel Croix Park C84 Data by Site by Date (all parameters)

Use this form to retrieve hourly data collected at Manvel Croix Park C84. Although this is the most current data, it is not considered official until it has been certified by the technical staff. This information is updated hourly.

This web page provides the most current hourly averaged data available. Our convention for time-tagging data is the beginning of each hour. For example, values shown for the noon hour are based on measurements taken from noon to 1:00 p.m. The noon average will not be calculated until after 1:00 p.m. The noon average will then be available on our external server from 1:15 p.m. to 1:30 p.m. This results in an apparent one-hour time lag in the data. We also present our data in Local Standard Time for each measuring site. For most of Texas this is Central Standard Time. During Daylight Savings, this introduces another apparent one-hour time lag in the data.

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

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

Find Site: CAMS 84 Manvel Croix Park C84

Month:

☒ Green underline for validated data

The table below contains hourly averages for all the pollutants and meteorological conditions measured at Manvel Croix Park C84 for **Wednesday, April 25, 2018**. All times shown are in CST.

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	7:00	8:00	9:00	10:00	
Nitric Oxide	-0.2	-0.1	-0.1	-0.1	-0.2	7.4	3.8	1.8	0.3	-0.0	-0.0	-0.1	-0.1	-0.3	-0.1	-0.3	-0.1	-0.2	-0.3	-0.1	-0.1	-0.2	-0.1	
Nitrogen Dioxide	2.5	2.6	1.5	1.5	1.7	23.5	20.6	13.3	6.3	3.5	3.6	2.6	2.3	2.2	2.1	2.2	2.9	1.9	2.1	4.7	5.0	4.5	3.4	
Oxides of Nitrogen	2.3	2.4	1.4	1.3	1.5	31.0	24.5	15.2	6.6	3.5	3.5	2.5	2.2	1.9	2.0	2.0	2.8	1.7	1.8	4.7	4.9	4.3	3.1	
Ozone	47	45	44	36	25	8	12	32	50	65	71	66	66	66	66	68	66	58	54	50	43	39	42	
Wind Speed	2.6	2.3	1.6	1.7	1.7	2.0	3.4	2.7	3.6	3.8	5.4	5.0	5.7	5.1	4.5	4.9	5.2	7.4	7.2	8.2	5.9	6.2	8.4	
Resultant Wind Speed	2.5	2.2	1.1	1.5	1.3	2.0	3.2	2.5	2.8	2.6	4.6	4.2	4.8	3.9	2.9	4.0	4.7	7.1	6.9	7.6	5.7	5.8	7.1	

4. 5⁰⁰

Resultant Wind Direction	248	261	321	9	20	149	174	194	257	231	215	214	234	241	242	268	249	226	230	296	306	304	35											
Maximum Wind Gust	5.0	5.1	4.2	3.4	3.9	4.0	5.7	6.6	7.1	9.2	11.4	10.9	11.5	14.2	12.9	10.8	12.1	15.8	15.1	15.6	11.2	13.1	17											
Std. Dev. Wind Direction	16	17	44	26	40	14	18	22	38	46	31	33	32	39	48	36	25	16	17	21	14	20	21											
Outdoor Temperature	65.2	64.7	64.3	64.5	63.9	62.5	62.6	68.0	71.9	75.7	78.4	79.9	81.1	81.9	82.8	83.4	82.5	79.6	76.7	72.2	69.7	68.4	68											
Parameter Measured	Mid	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	Noon	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00											
													Morning											Afternoon										
	Maximum values for each parameter are <u>bold</u> within the table. Minimum values are <i>bold italic</i> .																																	
	R - Data from this instrument meets EPA quality assurance criteria for regulatory purposes.																																	

PLEASE NOTE: This data has not been verified by the TCEQ and may change. This is the most current data, but it is not official until it has been certified by our technical staff. Data is collected from TCEQ ambient monitoring sites and may include data collected by other outside agencies. This data is updated hourly. All 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.

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 Last Modified Tuesday, 30 Jan 2018

Supplemental Investigator's Odor Intensity Time Log

Investigator: Nathan Hoppens

Location: Lake Hollow Dr.

Date of Investigation: 4-23-18

Start Time: 0403

Minutes	Odor Intensity VL, L, M, S, VS
1 min	
2	
3	L
4	L
5	L 0.001ppm
6	L
7	L
8	L
9	VL
10	VL
11	VL
12	VL
13	NO ODOR
14	VL
15	NO ODOR
16	NO ODOR
17	NO ODOR
18	VL
19	VL
20	VL
21	L
22	VL
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: Sweet Land Fill Garbage Waste

Offensiveness: Highly ☐ Offensive ☒ Unpleasant ☒ Not Unpleasant ☐

Weighted Average Intensity: 1.15

	VS	S	M	L	VL	No Odor
1 Min				7	9	4
10 Min						
1 Hour						

2. Assess the Intensity of odor (Very Light to Very Strong), for variable intensities use Supplemental Investigator's Odor Intensity Time Log.
3. Determine the total Duration of the odor(s) (1 minute to 24 hours)
4. Evaluate the Frequency of odor occurrence (Single Occurrence to Daily)
5. Identify the block on the chart that corresponds to the incident.

[illegible]

Supplemental Investigator's Odor Intensity Time Log

Investigator: Nathan Hoppens
Date of Investigation: 4/25/18

Location: Mountain Sage Dr.
Start Time: 0527

Minutes	Odor Intensity VL, L, M, S, VS
1 min	L 0.003
2	VL 0.001
3	VL
4	L 0.004
5	VL 0.004
6	VL 0.005
7	VL 0.006
8	L 0.006
9	VL 0.006
10	L 0.007
11	L 0.008
12	L 0.008
13	VL 0.006
14	VL 0.004
15	VL 0.004
16	VL 0.003
17	NO ODOR 0.002
18	NO ODOR 0.002
19	NO ODOR 0.002
20	NO ODOR 0.002
21	NO ODOR 0.001
22	
23	
24	
25	
26	
27	
28	L
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: Garbage Waste - All #'s are ppm #RS by Jerome

Offensiveness: Highly Offensive X Unpleasant Not Unpleasant

Weighted Average Intensity: 1.05

	VS	S	M	L	VL	No Odor
1 Min				642	101	5
10 Min						
1 Hour						

Investigator FIDO Log

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

[illegible]

Supplemental Investigator's Odor Intensity Time Log

Investigator: Nathan Hopkins
 Date of Investigation: 8/4/23/18
 NCH 4/23/18

Location: RR Access Rd off 521, 0.4 mi. N. of FM2234
 Start Time: 10:00

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	VL
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: None

Offensiveness: Highly _____ Offensive _____ Unpleasant _____ Not Unpleasant X

Weighted Average Intensity: 0.066

	VS	S	M	L	VL	No Odor
1 Min						
10 Min					1	X 14
1 Hour						

Investigator FIDO Log

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

[illegible]

Supplemental Investigator's Odor Intensity Time Log

Investigator: Nathan Hoppens
Date of Investigation: 4/26/18

Location: Hooper Rd 0.25 mi S. of Riley
Start Time: 10:30

Minutes	Odor Intensity VL, L, M, S, VS
1 min	L
2	L
3	L
4	L
5	VL
6	VL
7	VL
8	VL
9	VL
10	VL
11	VL
12	VL
13	L
14	VL
15	VL
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: Fishy Amine

Offensiveness: Highly _____ Offensive ☒ Unpleasant _____ Not Unpleasant _____

Weighted Average Intensity: 1.333

	VS	S	M	L	VL	No Odor
1 Min				5	10	
10 Min						
1 Hour						

Investigator FIDO Log

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

[illegible]

Supplemental Investigator's Odor Intensity Time Log

Investigator: Nathan Hoppens
Date of Investigation: 4/25/18

Location: Golden Creek Ln.
Start Time: 11:45

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 0.001
8	NO ODOR
9	NO ODOR
10	NO ODOR 0.001
11	NO ODOR 0.001
12	NO ODOR 0.001
13	NO ODOR 0.002
14	NO ODOR 0.002
15	NO ODOR 0.001
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: NO ODORS #1's are Jerome TRS Readings @ ppm

Offensiveness: Highly _____ Offensive _____ Unpleasant _____ Not Unpleasant _____

Weighted Average Intensity: 0

	VS	S	M	L	VL	No Odor
1 Min						15
10 Min						
1 Hour						

Investigator FIDO Log

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

[illegible]

Supplemental Investigator's Odor Intensity Time Log

Investigator: Nathan Hoppens

Location: 29.56798 -95.43629 Lost Bridge Ln.

Date of Investigation: 4/23/18

Start Time: 20:23

Cul-de-Sac

Minutes	Odor Intensity VL, L, M, S, VS
1 min	VL
2	VL
3	VL
4	VL
5	VL
6	VL
7	L
8	L
9	L
10	L
11	L
12	L
13	L
14	L
15	L
16	VL
17	VL
18	L
19	VL
20	VL
21	VL
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	
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56	
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58	
59	
60	

Odor Description: Garbage Waste

Offensiveness: Highly _____ Offensive X Unpleasant _____ Not Unpleasant _____

Weighted Average Intensity: 1.48

	VS	S	M	L	VL	No Odor
1 Min				10	11	
10 Min						
1 Hour						

Investigator FIDO Log

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

[illegible]

Supplemental Investigator's Odor Intensity Time Log

Investigator: Manuel Gonzalez Location: Intersection of Rocky Isle Dr & Longlake Dr
 Date of Investigation: 4/15/18 Start Time: 9:18 21:18

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

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

Shift
variable
winds
9-10 mph

Odor Description: Garbage, Fecal

Offensiveness: Highly ☐ Offensive ☒ Unpleasant ☐ Not Unpleasant ☐

Weighted Average Intensity: 2.17

	VS	S	M	(L)	VL	No Odor
1 Min		8x4	17x3	22x1	3x1	10
10 Min		32	51	44	3	
1 Hour						

Investigator FIDO Log

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

[illegible]

Supplemental Investigator's Odor Intensity Time Log

Investigator: Nathan Hoggens
Date of Investigation: 4/25/18

Location: Banks Run Dr.
Start Time: 2:35

Minutes	Odor Intensity VL, L, M, S, VS
1 min	NO ODOR
2	" "
3	" "
4	" "
5	" "
6	" "
7	" "
8	" "
9	" "
10	" " 0.003
11	" " 0.005
12	" " 0.003
13	" " 0.004
14	" " 0.004
15	" " 0.001
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: NO ODOR #s denote TRS concentrations in ppm

Offensiveness: Highly _____ Offensive _____ Unpleasant _____ Not Unpleasant 0

Weighted Average Intensity: 0

	VS	S	M	L	VL	No Odor
1 Min						15
10 Min						
1 Hour						

Investigator FIDO Log

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

[illegible]

ATTACHMENT 3

COVER APPLICATION LOG

REPUBLIC SERVICES
Blue Ridge Landfill, MSW-1505A

MSU

Month / Year

APRIL 2018

Daily Cover													Approved alternate Daily Cover				Elevation	Inspection Date of Daily Cover	Erosion or Leachate Seep Detected	Date Erosion or Leachate Seep Corrected	Corrective Action	Soil Stockpile Required (yd ³)	Rain (inches)	Rain (inches) > 0.5"	Interim Daily Cover				Final Cover				Erosion > 4 Days Detected	Date Erosion Corrected	Corrective Action	Final Cover Certification Report Reference	Supervisor Signature																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
6" Soil		8" Soil		10" Soil		12" Soil		14" Soil		16" Soil		18" Soil		20" Soil		22" Soil		24" Soil		26" Soil		28" Soil		30" Soil		32" Soil		34" Soil		36" Soil		38" Soil						40" Soil		42" Soil		44" Soil		46" Soil		48" Soil		50" Soil		52" Soil		54" Soil		56" Soil		58" Soil		60" Soil		62" Soil		64" Soil		66" Soil		68" Soil		70" Soil		72" Soil		74" Soil		76" Soil		78" Soil		80" Soil		82" Soil		84" Soil		86" Soil		88" Soil		90" Soil		92" Soil		94" Soil		96" Soil		98" Soil		100" Soil		102" Soil		104" Soil		106" Soil		108" Soil		110" Soil		112" Soil		114" Soil		116" Soil		118" Soil		120" Soil		122" Soil		124" Soil		126" Soil		128" Soil		130" Soil		132" Soil		134" Soil		136" Soil		138" Soil		140" Soil		142" Soil		144" Soil		146" Soil		148" Soil		150" Soil		152" Soil		154" Soil		156" Soil		158" Soil		160" Soil		162" Soil		164" Soil		166" Soil		168" Soil		170" Soil		172" Soil		174" Soil		176" Soil		178" Soil		180" Soil		182" Soil		184" Soil		186" Soil		188" Soil		190" Soil		192" Soil		194" Soil		196" Soil		198" Soil		200" Soil		202" Soil		204" Soil		206" Soil		208" Soil		210" Soil		212" Soil		214" Soil		216" Soil		218" Soil		220" Soil		222" Soil		224" Soil		226" Soil		228" Soil		230" Soil		232" Soil		234" Soil		236" Soil		238" Soil		240" Soil		242" Soil		244" Soil		246" Soil		248" Soil		250" Soil		252" Soil		254" Soil		256" Soil		258" Soil		260" Soil		262" Soil		264" Soil		266" Soil		268" Soil		270" Soil		272" Soil		274" Soil		276" Soil		278" Soil		280" Soil		282" Soil		284" Soil		286" Soil		288" Soil		290" Soil		292" Soil		294" Soil		296" Soil		298" Soil		300" Soil		302" Soil		304" Soil		306" Soil		308" Soil		310" Soil		312" Soil		314" Soil		316" Soil		318" Soil		320" Soil		322" Soil		324" Soil		326" Soil		328" Soil		330" Soil		332" Soil		334" Soil		336" Soil		338" Soil		340" Soil		342" Soil		344" Soil		346" Soil		348" Soil		350" Soil		352" Soil		354" Soil		356" Soil		358" Soil		360" Soil		362" Soil		364" Soil		366" Soil		368" Soil		370" Soil		372" Soil		374" Soil		376" Soil		378" Soil		380" Soil		382" Soil		384" Soil		386" Soil		388" Soil		390" Soil		392" Soil		394" Soil		396" Soil		398" Soil		400" Soil		402" Soil		404" Soil		406" Soil		408" Soil		410" Soil		412" Soil		414" Soil		416" Soil		418" Soil		420" Soil		422" Soil		424" Soil		426" Soil		428" Soil		430" Soil		432" Soil		434" Soil		436" Soil		438" Soil		440" Soil		442" Soil		444" Soil		446" Soil		448" Soil		450" Soil		452" Soil		454" Soil		456" Soil		458" Soil		460" Soil		462" Soil		464" Soil		466" Soil		468" Soil		470" Soil		472" Soil		474" Soil		476" Soil		478" Soil		480" Soil		482" Soil		484" Soil		486" Soil		488" Soil		490" Soil		492" Soil		494" Soil		496" Soil		498" Soil		500" Soil		502" Soil		504" Soil		506" Soil		508" Soil		510" Soil		512" Soil		514" Soil		516" Soil		518" Soil		520" Soil		522" Soil		524" Soil		526" Soil		528" Soil		530" Soil		532" Soil		534" Soil		536" Soil		538" Soil		540" Soil		542" Soil		544" Soil		546" Soil		548" Soil		550" Soil		552" Soil		554" Soil		556" Soil		558" Soil		560" Soil		562" Soil		564" Soil		566" Soil		568" Soil		570" Soil		572" Soil		574" Soil		576" Soil		578" Soil		580" Soil		582" Soil		584" Soil		586" Soil		588" Soil		590" Soil		592" Soil		594" Soil		596" Soil		598" Soil		600" Soil		602" Soil		604" Soil		606" Soil		608" Soil		610" Soil		612" Soil		614" Soil		616" Soil		618" Soil		620" Soil		622" Soil		624" Soil		626" Soil		628" Soil		630" Soil		632" Soil		634" Soil		636" Soil		638" Soil		640" Soil		642" Soil		644" Soil		646" Soil		648" Soil		650" Soil		652" Soil		654" Soil		656" Soil		658" Soil		660" Soil		662" Soil		664" Soil		666" Soil		668" Soil		670" Soil		672" Soil		674" Soil		676" Soil		678" Soil		680" Soil		682" Soil		684" Soil		686" Soil		688" Soil		690" Soil		692" Soil		694" Soil		696" Soil		698" Soil		700" Soil		702" Soil		704" Soil		706" Soil		708" Soil		710" Soil		712" Soil		714" Soil		716" Soil		718" Soil		720" Soil		722" Soil		724" Soil		726" Soil		728" Soil		730" Soil		732" Soil		734" Soil		736" Soil		738" Soil		740" Soil		742" Soil		744" Soil		746" Soil		748" Soil		750" Soil		752" Soil		754" Soil		756" Soil		758" Soil		760" Soil		762" Soil		764" Soil		766" Soil		768" Soil		770" Soil		772" Soil		774" Soil		776" Soil		778" Soil		780" Soil		782" Soil		784" Soil		786" Soil		788" Soil		790" Soil		792" Soil		794" Soil		796" Soil		798" Soil		800" Soil		802" Soil		804" Soil		806" Soil		808" Soil		810" Soil		812" Soil		814" Soil		816" Soil		818" Soil		820" Soil		822" Soil		824" Soil		826" Soil		828" Soil		830" Soil		832" Soil		834" Soil		836" Soil		838" Soil		840" Soil		842" Soil		844" Soil		846" Soil		848" Soil		850" Soil		852" Soil		854" Soil		856" Soil		858" Soil		860" Soil		862" Soil		864" Soil		866" Soil		868" Soil		870" Soil		872" Soil		874" Soil		876" Soil		878" Soil		880" Soil		882" Soil		884" Soil		886" Soil		888" Soil		890" Soil		892" Soil		894" Soil		896" Soil		898" Soil		900" Soil		902" Soil		904" Soil		906" Soil		908" Soil		910" Soil		912" Soil		914" Soil		916" Soil		918" Soil		920" Soil		922" Soil		924" Soil		926" Soil		928" Soil		930" Soil		932" Soil		934" Soil		936" Soil		938" Soil		940" Soil		942" Soil		944" Soil		946" Soil		948" Soil		950" Soil		952" Soil		954" Soil		956" Soil		958" Soil		960" Soil		962" Soil		964" Soil		966" Soil		968" Soil		970" Soil		972" Soil		974" Soil		976" Soil		978" Soil		980" Soil		982" Soil		984" Soil		986" Soil		988" Soil		990" Soil		992" Soil		994" Soil		996" Soil		998" Soil		1000" Soil		1002" Soil		1004" Soil		1006" Soil		1008" Soil		1010" Soil		1012" Soil		1014" Soil		1016" Soil		1018" Soil		1020" Soil		1022" Soil		1024" Soil		1026" Soil		1028" Soil		1030" Soil		1032" Soil		1034" Soil		1036" Soil		1038" Soil		1040" Soil		1042" Soil		1044" Soil		1046" Soil		1048" Soil		1050" Soil		1052" Soil		1054" Soil		1056" Soil		1058" Soil		1060" Soil		1062" Soil		1064" Soil		1066" Soil		1068" Soil		1070" Soil		1072" Soil		1074" Soil		1076" Soil		1078" Soil		1080" Soil		1082" Soil		1084" Soil		1086" Soil		1088" Soil		1090" Soil		1092" Soil		1094" Soil		1096" Soil		1098" Soil		1100" Soil		1102" Soil		1104" Soil		1106" Soil		1108" Soil		1110" Soil		1112" Soil		1114" Soil		1116" Soil		1118" Soil		1120" Soil		1122" Soil		1124" Soil		1126" Soil		1128" Soil		1130" Soil		1132" Soil		1134" Soil		1136" Soil		1138" Soil		1140" Soil		1142" Soil		1144" Soil		1146" Soil		1148" Soil		1150" Soil		1152" Soil		1154" Soil		1156" Soil		1158" Soil		1160" Soil		1162" Soil		1164" Soil		1166" Soil		1168" Soil		1170" Soil		1172" Soil		1174" Soil		1176" Soil		1178" Soil		1180" Soil		1182" Soil		1184" Soil		1186" Soil		1188" Soil		1190" Soil		1192" Soil		1194" Soil		1196" Soil		1198" Soil		1200" Soil		1202" Soil		1204" Soil		1206" Soil		1208" Soil		1210" Soil		1212" Soil		1214" Soil		1216" Soil		1218" Soil		1220" Soil		1222" Soil		1224" Soil		1226" Soil		1228" Soil		1230" Soil		1232" Soil		1234" Soil		1236" Soil		1238" Soil		1240" Soil		1242" Soil		1244" Soil		1246" Soil		1248" Soil		1250" Soil		1252" Soil		1254" Soil		1256" Soil		1258" Soil		1260" 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Soil		1594" Soil		1596" Soil		1598" Soil		1600" Soil		1602" Soil		1604" Soil		1606" Soil		1608" Soil		1610" Soil		1612" Soil		1614" Soil		1616" Soil		1618" Soil		1620" Soil		1622" Soil		1624" Soil		1626" Soil		1628" Soil		1630" Soil		1632" Soil		1634" Soil		1636" Soil		1638" Soil		1640" Soil		1642" Soil		1644" Soil		1646" Soil		1648" Soil		1650" Soil		1652" Soil		1654" Soil		1656" Soil		1658" Soil		1660" Soil		1662" Soil		1664" Soil		1666" Soil		1668" Soil		1670" Soil		1672" Soil		1674" Soil		1676" Soil		1678" Soil		1680" Soil		1682" Soil		1684" Soil		1686" Soil		1688" Soil		1690" Soil		1692" Soil		1694" Soil		1696" Soil		1698" Soil		1700" Soil		1702" Soil		1704" Soil		1706" Soil		1708" Soil		1710" Soil		1712" Soil		1714" Soil		1716" Soil		1718" Soil		1720" Soil		1722" Soil		1724" Soil		1726" Soil		1728" Soil		1730" Soil		1732" Soil		1734" Soil		1736" Soil		1738" Soil		1740" Soil		1742" Soil		1744" Soil		1746" Soil		1748" Soil		1750" Soil		1752" Soil		1754" Soil		1756" Soil		1758" Soil		1760" Soil		1762" Soil		1764" Soil		1766" Soil		1768" Soil		1770" Soil		1772" Soil		1774" Soil		1776" Soil		1778" Soil		1780" Soil		1782" Soil		1784" Soil		1786" Soil		1788" Soil		1790" Soil		1792" Soil		1794" Soil		1796" Soil		1798" Soil		1800" Soil		1802" Soil		1804" Soil		1806" Soil		1808" Soil		1810" Soil		1812" Soil		1814" Soil		1816" Soil	

AMT = Amount of cover (soil) in yd³ or alternate daily cover in bags or tarp area

T = Thickness in inches

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

Inspect areas with daily cover or alternate daily cover each day the site is in operation and areas with intermediate and final cover weekly or within 72 hours of a rainfall event of 0.5" or more. Inspect all areas in accordance with Site Operating Plan Section 4.18. Additional documentation area on back of form.

Erosion of daily cover must be corrected within 24 hours after the area is accessible. Erosion of intermediate or final cover must be corrected within 5 days of detection unless approved by TCEQ Regional Office. If not corrected within 5 days, attach documentation stating reasons for delay.

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

SOP Section 7.7 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 allocated size of the working face. A 50 yd³ soil stockpile is required within 100 ft of the Regulated Asbestos-Containing Material (RACM) disposal area.

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

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4	
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8	
9	Repaired to repair erosion Phase I west slope 7-13
10	Repaired & graded to repair erosion Phase III North Slope 55-60
11	Repaired & graded to repair erosion Phase III West Slope 60-64
12	Repaired for over Phase I west slope
13	Graded to repair erosion Phase III South Slope 0-4
14	
15	
16	
17	
18	Repaired for over Phase III South Slope Phase I south slope to repair erosion Phase III South Slope
19	Repaired for over Phase III South Slope Phase I south slope to repair erosion Phase III South Slope
20	Graded to repair erosion Phase III South Slope 1-4
21	
22	
23	Graded to repair erosion Phase III South Slope 0-1
24	Graded to repair erosion Phase III South Slope 1-4
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ATTACHMENT 4



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

May 7, 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 April 30, 2018 approving additional time to repair erosion, Blue Ridge Landfill, TX, LP ("Blue Ridge") is providing the TCEQ Region 12 office with the first weekly progress in implementing the erosion corrective action. During week 1 (4/30/2018 - 5/6/2018), Blue Ridge completed repairs on the east slope of Phase 2, between grid markers N-S and 13-25. Also, the south slope of Phase 3 between grid markers H-Q and 37-43. In addition, the west slope of Phase 3 between grid markers 42-51 and H-L. Lastly, the north slope of Phase 3 between grid markers T-Z and 48-55.

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

Sincerely,

Burgess Stengl
Environmental Manager

Cc: Matt Montagna, Blue Ridge Landfill

RECEIVED
MAY 09 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 WELLHEAD
 - EXISTING CONDENSATE PUMP STATION
 - EXISTING LFG COLLECTION PIPING
 - EXISTING ISOLATION VALVE
 - EXISTING CONDENSATE SUMP
 - EXISTING LGR CONNECTION
 - EXISTING HEADER ACCESS RISER
 - EXISTING SQUARE FLARE LOCATION
 - EXISTING PRESSURE TAP
 - EXISTING BLIND FLANGE
 - EXISTING HOPE CAP
 - EXISTING ROAD CROSSING
 - EXISTING AIR SUPPLY LINE
 - EXISTING CONDENSATE FOREMAN
 - EXISTING AIR/CONDENSATE VALVE
 - EXISTING LFGTE 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 FOREMAN
 - ABANDONED LFG EXTRACTION WELL
 - ABANDONED LFG COLLECTION PIPING
 - ABANDONED CONDENSATE FOREMAN
 - ABANDONED ROAD CROSSING
 - ABANDONED CONDENSATE VALVE

NOTE
 1. THE EXISTING CONTOURS AND ELEVATIONS PROVIDED BY LOWERY & ASSOCIATES CO. FROM AERIAL PHOTOGRAPHY DATED ON 11-15-2016.

RECORD DRAWING

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

WWW.WCGRP.COM DRAWING 1

REVISIONS FOR REVISIONS, PROVIDE ONLY REASON FOR CORRECTION		PROJECT NO. BLUE RIDGE LANDFILL TX, LP	
DATE	BY	DATE	BY
01/11/2017	WJ	01/11/2017	WJ
02/01/2017	WJ	02/01/2017	WJ
02/01/2017	WJ	02/01/2017	WJ
DRAWN BY: WJ CHECKED BY: WJ REVISIONS BY: WJ		DATE: 01/11/2017 PROJECT NO.: 2016-01	
Weaver Consultants Group ENGINEERING REGISTRATION NO. F-3727			

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May 15, 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 April 30, 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 two (5/7/2018 - 5/11/2018), Blue Ridge did not complete repairs within the erosion extension areas.

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

Sincerely,

Burgess Stengl
Environmental Manager

Cc: Matt Montagna, Blue Ridge Landfill



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

May 30, 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 April 30, 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 three (5/12/2018 – 5/19/2018), Blue Ridge completed repairs on Phase 3 north slope between AA-JJ, 48-55. This completes the repairs within the April 30, 2018 extension areas.

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

Sincerely,

A handwritten signature in blue ink, appearing to read "Burgess Stengl".

Burgess Stengl
Environmental Manager

Cc: Matt Montagna, Blue Ridge Landfill

RECEIVED
MAY 31 2018
REGION 12