MSW PA_1505A_CO_20170705_Investigation Report **Texas Commission on Environmental Quality Investigation Report**

Incident Numbers

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

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	262420	262711
	262726	261844
	262507	261474
	262731	262784
	262492	261002
	261267	262509

262712 Investigator: RICHARD BLACKNEY Site Classification TYPE 1

Conducted: 07/05/2017 -- 12/07/2017 SIC Code: 1521

NAIC Code: 486210 SIC Code:SIC Code:NAIC Code:

261841 261208 262497

MUNICIPAL SOLID WASTE DISPOSAL Program(s):

Investigation Type: Compliance Investigation

Additional ID(s): 1505A

Address: 2200 FM 521 RD,

Investigation # 1423409

Local Unit: REGION 12 - HOUSTON

FRESNO, TX, 77545 MSWCMPL - Investigation of MSW Activity Type(s):

complaint

Location: LOCATED ON 2200 FM 521

261839

Principal(s):

Role

BLUE RIDGE LANDFILL TX LP RESPONDENT

Contact(s):

BLUE RIDGE LANDFILL - FRESNO

7/5/2017 to 12/7/2017 Inv. # - 1423409

Page 2 of 5

Role REGULATED ENTITY MAIL CONTACT	Title ENVIRONMENTAL MANAGER	Name MR BURGESS STENGL	Phone Office	(713) 676-7669
PARTICIPATED IN	LANDFILL OPERATIONS MANAGER	MR MATT MONTAGNA	Office	(281) 668-9739
REGULATED ENTITY CONTACT	ENVIRONMENTAL MANAGER	MR BURGESS STENGL	Office	(713) 676-7669
PARTICIPATED IN	ENVIRONMENTAL SPECIALIST	MR CHANCE SEELY	Cell	(832) 835-8839
PARTICIPATED IN	ENVIRONMENTAL MANAGER	MR BURGESS STENGL	Office	(713) 676-7669

Other Staff Member(s):

Role Name

QA Reviewer Supervisor TOM COLLINS ALMA JEFFERSON

Associated Check List

Checklist Name

<u>Unit Name</u>

MSW COMPLAINT INVESTIGATION

complaint

Investigation Comments:

INTRODUCTION

On June 22, 23, 26, 28 and July 6, 7, 10 and 12, 2017, the Texas Commission on Environmental Quality Houston Region Office Waste Section (TCEQ Houston) received 34 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 June 21, 22, 23, 24, 25, 26, 28 and July 3 and 7, 2017.

Mr. Richard Blackney, Environmental Investigator of the TCEQ Houston Region Office, conducted unannounced Odor Complaint Investigations at BRL and the area surrounding it on July 5 and 7, 2017.

BACKGROUND

On June 29, 2017, BRL submitted a request (Attachment 1) to the TCEQ Houston Region Office for additional time to repair erosion of landfill cover caused by 1.5 inches of rain on June 24, 2017 and 2.4 inches of rain between June 25 and June 28, 2017. The letter stated that repairs could not be completed within five days due to the wet soil on the slopes. A copy of the July 11, 2017 letter from the TCEQ allowing additional time for repair is provided in Attachment 1.

At the time of the investigation, BRL had active alleged violations for failure to prevent nuisance odor conditions and failure to perform surface emissions monitoring in accordance with 40 Code of Federal Regulations Part 60. Agreed Order Docket No. 2016-1923-AIR-E was proposed as a result of the alleged violations. The order was signed by the TCEQ on July 12, 2017, and includes technical requirements for minimizing odors.

GENERAL FACILITY AND PROCESS INFORMATION

BRL's authorization numbers from the TCEQ Central Registry database are included in Attachment 2. BRL is a Type I landfill which is authorized to operate by TCEQ Municipal Solid Waste (MSW) Permit No. 1505A.

BLUE RIDGE LANDFILL - FRESNO

7/5/2017 to 12/7/2017 Inv. # - 1423409

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

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

Complainant Information:

See confidential files (TCEQ Incident Nos. 260987, 261002, 261167, 261181, 261200, 261208, 261228, 261267, 261434, 261467, 261474, 261839, 261840, 261841, 261842, 261844, 262420, 262490, 262492, 262495, 262505, 262507, 262509, 262515, 262532, 262711, 262712, 262713, 262715, 262726, 262731, 262784 and 262787).

Description of Alleged Effects:

Headaches, nausea, breathing discomfort, aggravation of allergies and sore eyes were described as occurring due to the odors.

Summary of the July 5, 2017 on-site investigation:

The investigator arrived at BRL and met with Mr. Matt Montagna, Landfill Operations Manager, to whom the purpose and scope of the investigation were explained.

BRL receives Class I waste in its Class 1 disposal cell Monday through Friday, and receives MSW in the MSW cell Monday through Saturday. Six inches of soil is applied to the Class 1 cell and MSW cell at the end of each operating day. The investigator viewed the MSW and Class 1 working faces, by which piles of soil were observed. The investigator obtained a copy of the MSW working face cover logs for June and July 1-4, 2017 (Attachment 3).

BRL has a system of misters for the purpose of neutralizing odors. The investigator viewed the misting system in operation. BRL also operates another odor control system using vapor rather than mist, which the investigator also viewed.

Meteorological data at the time of the July 5, 2017 odor survey:

Resultant Wind direction: South Resultant Wind Speed: 5.3 to 5.9 mph Outdoor Temperature: 85.7 to 90.4 °F

Meteorological data taken from TCEQ's continuous air monitoring stations (Attachment 4).

July 5, 2017 Odor Survey (OS):

Following the on-site investigation, the investigator arrived at the first survey point located at the intersection of Feld Dr. and Bluebonnet Dr. near Houston. OS No. 1 was conducted at 10:27 a.m. No landfill odors were detected during the 10 minutes spent at OS site No. 1.

The investigator went to OS site No. 2 located on North Spectrum Blvd. just west of Kirby Dr. in Pearland. OS No. 2 was conducted at 11:12 a.m. No landfill odors were detected during the 10 minutes spent at OS site No. 2.

The investigator went to OS site No. 3 located on Fruge Rd. near Hooper Rd. in Pearland. OS No. 3 was conducted at 12:09 p.m. No landfill odors were detected during the 10 minutes spent at OS site No. 3.

The investigator went to OS site No. 4 located on the 2700 block of Biscayne Bay Dr. in Pearland. OS No. 4 was conducted at 12:27 p.m. No landfill odors were detected during the 10 minutes spent at OS site No. 4.

The investigator went to OS site No. 5 located on the 16600 block of Sidonie Dr. in Houston. OS No. 5 took place downwind of BRL and was conducted at 12:46 p.m. Odors typical of landfill garbage were detected during four of the 10 minutes spent at OS site No. 5.

The investigator went to OS site No. 6 located at the intersection of Summerlyn Dr. and Chevery Dr. near Houston. OS No. 6 was conducted at 1:03 p.m. No landfill odors were detected during the 10 minutes spent at OS

BLUE RIDGE LANDFILL - FRESNO

7/5/2017 to 12/7/2017 Inv. # - 1423409

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site No. 5.

Aerial view maps of the OS locations and the OS logs are included in Attachment 4.

Meteorological data at the time of the July 7, 2017 odor survey:

Resultant Wind direction: South Resultant Wind Speed: 3.8 mph Outdoor Temperature: 90.7 °F

Meteorological data taken from TCEQ's continuous air monitoring stations (Attachment 5).

July 7, 2017 Odor Survey (OS):

The investigator arrived on the 16600 block of Sidonie Dr. in Houston. OS No. 1 took place downwind of BRL and was conducted at 1:10 p.m. No landfill odors were detected during the 15 minutes spent at OS site No. 1.

The investigator went to OS site No. 2 located at the intersection of South Dr. and West Dr. near Houston. OS No. 2 took place downwind of BRL and was conducted at 1:28 p.m. Odors typical of landfill garbage were detected during four of the 15 minutes spent at OS site No. 2, averaging to very light.

Aerial view maps of the OS locations and the OS logs are included in Attachment 5.

Summary of July 7, 2017 on-site investigation:

Following the odor survey, the investigator arrived at BRL and met with Mr. Burgess Stengl, Environmental Manager and Mr. Chance Seely, Environmental Specialist, to whom the purpose and scope of the investigation were explained.

The investigator viewed the MSW and Class 1 working faces, by which piles of soil were observed. The investigator obtained a copy of the MSW working face cover log for July 1-6, 2017 (Attachment 6).

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

Description of Odor:

Odors typical of landfill garbage were detected during the July 5 and 7, 2017 odor surveys.

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:

The odors detected on July 5 and 7, 2017 were coming from the direction of BRL.

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

According to the FIDO protocol, the odor of landfill garbage is characterized as "offensive". As landfill odors were also detected during an odor survey conducted on May 25, 2017, the frequency of documented odors was a "monthly" occurrence. According to FIDO protocol, a nuisance condition was not confirmed.

ADDITIONAL INFORMATION

By letters dated July 24, August 1, 8 and 14, 2017, BRL submitted reports regarding progress made on repairing the erosion at the landfill. The letters are included in Attachment 7.

CONCLUSION

According to FIDO protocol, nuisance odor conditions were not confirmed during the investigation conducted on July 5 and 7, 2017.

No Violations Associated to this Investigation

Signed Richard Blackney Environmental Investigator	Date 12-11-2017
Signed Alma L. Jefferson Supervisor	Date 12/11/2017
Attachments: (in order of final report subn	nittal)
Enforcement Action Request (EAR)	X_Maps, Plans, Sketches
X Letter to Facility (specify type): No Action	Photographs
Investigation Report Letter	XCorrespondence from the facility
Sample Analysis Results	Other (specify) :
Manifests	see list of attachments
Notice of Registration	

Toby Baker, Commissioner
Jon Niermann, Commissioner
Richard A. Hyde, P.E., Executive Director



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

December 11, 2017

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

Re:

Investigation Request at:

Blue Ridge Landfill, 2200 FM 521 Rd, Fresno, TX 77545-8214

TCEQ MSW Permit No.: 1505A Investigation No.: 1423409

Dear Mr. Stengl:

The Texas Commission on Environmental Quality (TCEQ) Houston Region Office received on June 22, 23, 26, 28, and July 6, 7, 10 and 12, 2017 requests for assistance regarding the odor at the above-referenced facility. In response to this request, Richard Blackney of this office conducted an investigation on July 5 and 7, 2017. No violations are being alleged as a result of the investigation.

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

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

Sincerely,

Alma L. Jefferson, Team Leader

Waste Section

Houston Region Office

ALJ/RLB/rsv

Blue Ridge Landfill 2200 F.M. 521, Fresno (Fort Bend County), TX 77545 Municipal Solid Waste Permit No. 1505A MSW Complaint Investigation Conducted on July 5 and 7, 2017

List of Attachments

Attachment 1	June 29, 2017 letter from Blue Ridge Landfill and July 11, 2017 letter from the TCEQ Houston Region Office
Attachment 2	Blue Ridge Landfill information from the TCEQ Central Registry Database
Attachment 3	June and July 2017 Cover Log
Attachment 4	July 5, 2017 Meteorological Information, Map of Odor Survey locations and Odor Logs
Attachment 5	July 7, 2017 Meteorological Information, Map of Odor Survey locations and Odor Logs
Attachment 6	July 2017 Cover Log
Attachment 7	July 24, August 1, 8 and 14, 2017 letters from Blue Ridge Landfill



June 29, 2017

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 (landfill) is requesting additional time to repair erosion caused by rain during the week of June 25, 2017. In the past four days, approximately 2.4 inches of rain have fallen at the landfill, and an additional 1.5 inches fell on June 24th. 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. Safety and environmental compliance are at the forefront of the Blue Ridge Landfill; therefore, the repairs will be made as soon as the slopes are safe for heavy equipment.

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

Sincerely,

Cc:

Burgess Stengl

Environmental Manager

Matt Montagna, Blue Ridge Landfill

RECEIVED

JUL 0 5 2017

REGION 12





TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

July 11, 2017

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 June 29, 2017 letter requesting additional time to repair erosion caused by rain on June 24, 2017 and during the week of June 25, 2017 at the Blue Ridge Landfill. During that period, approximately 1.5 inches of rain fell on June 24 and an additional 2.4 inches the following week.

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,

Jason T. Ybarra

Manager, Waste Section Houston Region Office

JTY/ALJ/na

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

Enclosure:

Request for Additional Time to Repair Erosion letter, dated June 29, 2017



June 29, 2017

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 (landfill) is requesting additional time to repair erosion caused by rain during the week of June 25, 2017. In the past four days, approximately 2.4 inches of rain have fallen at the landfill, and an additional 1.5 inches fell on June 24th. 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. Safety and environmental compliance are at the forefront of the Blue Ridge Landfill; therefore, the repairs will be made as soon as the slopes are safe for heavy equipment.

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

Sincerely,

Burgess Stengl

Environmental Manager

Cc: Matt Montagna, Blue Ridge Landfill

Questions or Comments >>

Search Results TCEQ Home

Central Registry Query - Regulated Entity Information

Regulated Entity Information

RN Number: RN102610102

Name: BLUE RIDGE LANDFILL

Primary Business: MUNICIPAL SOLID WASTE LANDFILL

Street Address: 2200 FM 521 RD, FRESNO TX 77545 8214

County: FORT BEND Nearest City: FRESNO State: TX

Near ZIP Code: 77545

Physical Location: LOCATED ON 2200 FM 521

Affiliated Customers - Current

Your Search Returned 5 Current Affiliation Records (View Affiliation History)

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

1-5 of 5 Records

CN Number 🔺	Customer Name	Customer Role(s)	Details
CN600343826	BFI WASTE SYSTEMS OF NORTH AMERICA INC	OWNER OPERATOR	♦
CN601527963	BFI WASTE SERVICES OF TEXAS LP	OWNER	⇒
CN601721657	LONGHORN EXCAVATORS INC	OPERATOR	4
CN663870507	BLUE RIDGE LANDFILL TX LP	OWNER OPERATOR	⇒
CN603713595	GRISHAM & JHA GROUP LLC	OPERATOR	⇒

Industry Type Codes

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

Permits, Registrations, or Other Authorizations

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

1-21	of	21	Records

Program 🔺	ID Type	ID Number	ID Status
AIR EMISSIONS INVENTORY	ACCOUNT NUMBER	FG0536E	ACTIVE
AIR NEW SOURCE PERMITS	ACCOUNT NUMBER	FG0536E	ACTIVE
AIR NEW SOURCE PERMITS	AFS NUM	4815700111	ACTIVE
AIR NEW SOURCE PERMITS	REGISTRATION	32691	CANCELLED
AIR NEW SOURCE PERMITS	REGISTRATION	51882	CANCELLED
AIR NEW SOURCE PERMITS	REGISTRATION	55939	CANCELLED
AIR NEW SOURCE PERMITS	REGISTRATION	77271	CANCELLED
AIR NEW SOURCE PERMITS	REGISTRATION	77703	CANCELLED
AIR NEW SOURCE PERMITS	REGISTRATION	81004	ACTIVE
AIR OPERATING PERMITS	ACCOUNT NUMBER	FG0536E	ACTIVE
AIR OPERATING PERMITS	PERMIT	1472	ACTIVE
INDUSTRIAL AND HAZARDOUS WASTE	SOLID WAS TE REGISTRATION # (SWR)	89429	VCLIA
MUNICIPAL SOLID WASTE DISPOSAL	PERMIT	1505	INACTIVE
MUNICIPAL SOLID WASTE DISPOSAL	PERMIT	1505A	ACTIVE
PETROLEUM STORAGE TANK REGISTRATION	REGISTRATION	64950	ACTIVE
PETROLEUM STORAGE TANK STAGE II			
STORMWATER	PERMIT	TXR05N415	CANCELLED
STORMWATER	PERMIT	TXR055302	ACTIVE
STORMWATER	PERMIT	TXR15NZ96	CANCELLED
STORMWATER	PERMIT	TXR15Q154	EXPIRED
STORMWATER	PERMIT	TXR15R060	EXPIRED

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COVER APPLICATION LOG

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 $AMT=Amount of cover (soil) in <math display="inline">\psi d^3$ or alternate daily cover in bags or tarp area T = Thickness in inches

Corrective Action R = Restoring cover material G = Grading M = Compacting S = Seeding 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 TCEO Regional Office. If not corrected within 5 days, attach documentation starting reasons for dejay.

SUP Section 7.74 requires a soit stockpile to be maintained within 1,000 ft of the working face. The mount of soil required is dependent upon the maximum attabated size of the working face. A 50 yd³ soit stockpile is required within 1,001 of the Regulated Asbesto-Contaming Material (RACM) disposal area. Signature certifies work accomplished as stated in the Cover Application Log

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

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COVER APPLICATION LOG

Page 1 of 2

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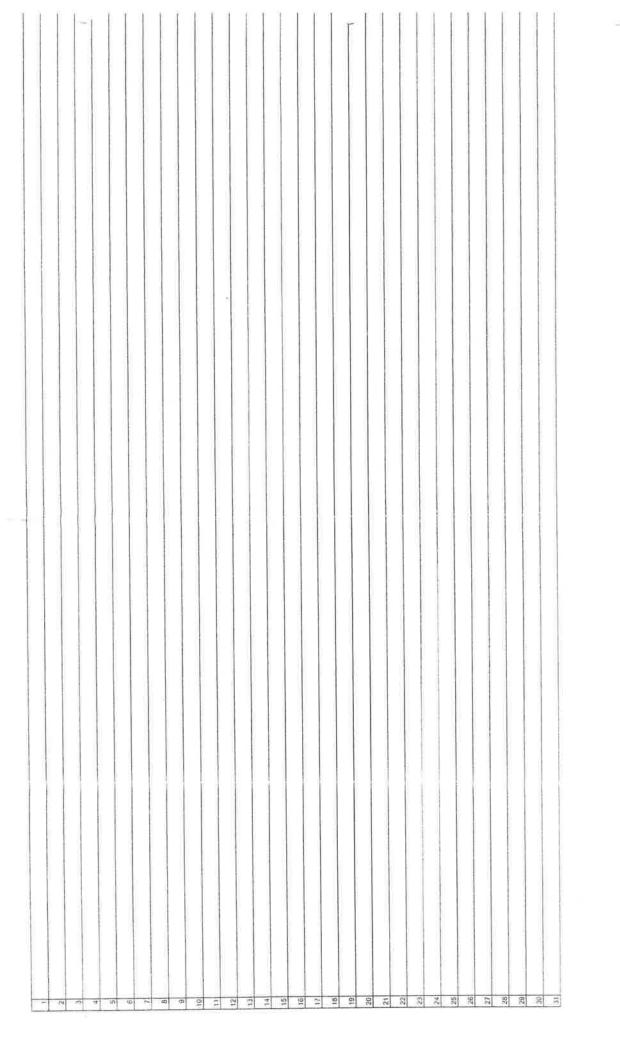
Melhods A = Tarp Machine B = Soil by Heavy Equipment S = Spray-On

Erosion of daily cover must be corrected within 2d hours after the area is accessible. Erosion of injermediate 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 starting reasons for delay 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

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

Signalure certifies work accomplished as stated in the Cover Application Log SOP Section 7.74 requires a soil stockpile to be maintained within 1.000 ft of the working face. The mount of soil required is dependent upon the maximum alicipated size of the working face. A 50 yd soil stockpile is required within 100ft of the Regulated Asbesto-Containing Material (RACM) disposal area

T = Thickness in inches





Calibrations

Air Quality Maps

Data Reports

AutoGC

Water Data

Comms

Log Files

Configuration

Site Info

Manvel Croix Park C84 Daily Summary

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

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

CAMS 84 Manvel Croix Park C84 Select a different site Month: Day: Year: Time Format: July 5 V 2017 V 12 Hour (AM/PM) V Generale Repair Plot Data Green underline for validated data ☑ Include Non-Public Monitors Emulate WWW Report

The table below contains hourly averages for all the pollutants and meteorological conditions measured at Manvel Croix Park C84 for Wednesday, July 5, 2017. All times shown are in CST. 1 1

Parameter		11.				Мо	rning											Afte	ernoo	n					Р
Measured	Mid	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	Noon	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	(C)
Nitric Oxide	0.7	0.4	0.3	0.2	1.0	4.6	8.1	2.8	1.3	0.4	0.3	0.4	0.1	0.1	0.2	0.2	0.4	0.3	0.2	0.2	0.1	0.1	0.3	0.4	Ni
Nitrogen Dioxide	4.6	3.0	3.5	2.2	3.7	5.3	4.7	6.1	2.6	1 5	1.3	1.6	0.8	0.8	0.9	0.9	0.9	0.6	0.6	1.5	3.2	4.3	5.1	5.1	Ni Di
Oxides of Nitrogen	5.2	3.4	3.7	2.4	4.6	9.8	12.6	6.9	3.8	1.8	1.5	1.9	0.9	0.9	1.0	1.0	1,2	0.9	0.8	1.6	3.2	4.3	5.4	5.5	Ox Nit
Ozone	2	3	3	2	2	o	2	7	12	16	18	18	22	22	24	21	18	16	16	13	9	7	5	3	Oz
Wind Speed	0.3	LTM1	LIM	LIM	LIM	LIM.	LIM	2.5	3.3	3.6	3.6	6.2	5.8	6.5	9.8	12,1	12.1	11.3	11.5	6.8	1.7	0.5	LIM	MIL	wi
Resultant Wind Speed	0.3	LIM	1.1M	LIM	LIM	LIM	LIM	2.4	2.9	2.9	2.9	5.6	5.3	5.9	9.4	11.7	11.8	11,1	11.3	6.7	1.7	0.4	LIM	LIM	Re Wi
Resultant Wind Direction	156	LIM	TIM	LIM	LIM	LTM	1,114	149	173	177	170	185	184	171	164	1.59	157	162	159	163	156	151	LIM	LIM	Re Wi
Maximum Wind Gust	4.0	6.0	0.3	1.9	0.3	0.3	0.3	7.8	7.6	8.6	9.9	14.3	11.3	14.3	19.4	19.1	19.4	18.5	21.3	13.0	6.1	4.4	0.3	0.3	Ma Wi
Std. Dev. Wind Direction	8	LIM	t IM	f livi	LIM	LIM	ШM	15	29	36	34	25	24	25	16	14	13	12	11	10	11	33	LIM	LIM	Sto
Outdoor emperature	76.7	76.5	76.0	76.0	76.1	76.3	78_7	82.1	83.8	86.2	87.9	85.7	89.2	90.4	90.9	89.9	88.9	88.1	86.0	83.1	81.2	80.2	79.2	78.5	Ou Te
Internal Station emperature	81.5	81.6	81.5	81.5	81.5	81.5	81.8	\$ 2,6	83.0	E3.2	83_4	83,2	83.3	83.5	8,4 5	83.5	8 3.5	83.3	83. 2	82.7	82.1	82.1	82.0	81.8	Int Sta Te
Parameter	Mid	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	Noon	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	0 .
Measured			-			Мо	rning			AE -								Afto	ernoo	n					P
	Maxin	num v	alues	or ea	ch par	ramet	er are	bold	within	the:	able, M	linimum	ı value	s are	bold	italic.									

Previous Day July 4, 2017 Daily maxima and minima for CAMS 84.

All times shown are CST

	200	Daily Maximum Daily Mi		Minimum	
Parameter	POC	Value	Hour	Value	Hour
Nitric Oxide	-1	2.7	7:00 am	-0.0	Midnite
Nitrogen Dioxide	1 R	5.3	11:00 pm	0.3	6:00 pm
Oxides of Nitrogen	.1	5.9	11:00 pm	0.4	Noon
Ozone	1 R	21	4:00 pm	1	11:00 pr
Wind Speed	1	12.0	5:00 pm	0.3	1:00 am
Resultant Wind Speed	1	11.8	5:00 pm	0.2	5:00 am
Resultant Wind Direction	1	337	5:00 ann	141	2:00 am
Maximum Wind Gust	1	21.5	5:00 pm	0.3	1:00 am
Std. Dev. Wind Direction	1	54	5:00 am	10	7:00 pm
Outdoor Temperature	1	91.6	2:00 pm	76.6	5:00 am
Internal Station Temperature	1	83.5	10:00 am	81.5	3:00 am

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



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Feld Dr + Bluebonnet Dr.

Supplemental Investigator's Odor Intensity Time Log

Date of Investigation:	7-5	-2017	Start Time:	10:2	Tam
Date of myestigation.	_		Deale Inite.		

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Offensiveness: Highly	_ Offensive	Unpleasant	Not Unpleasant
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	VS	S	M	L	VL	No Odor
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10 Min						
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Supplemental Investigator's Odor Intensity Time Log Kirby

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Date of Investigation:	1-5-	Start 7	Time: \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	

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Offensiveness: Highly	Offensive	_ Unpleasant	_Not Unpleasant

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





truge Kd near HooperRd.

Supplemental Investigator's Odor Intensity Time Log

Date of Investigation:	7-5	-2017	Start Time:	(2-09	pm	
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Minutes	Odor Intensity VL, L, M, S, VS
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Offensiveness:	Highly	Offensive	Unpleasant	Not Unpleasant
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	VS	S	l M	L	VL	No Odor
1 Min						
10 Min						
ı Hour						



Supplemental Investigator's Odor Intensity Time Log

Date of Investigation:	1-5-	2017	_ Start Time:_	12:27	pm
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	Offensiveness: Highly	Offensive	Unpleasant	Not Unpleasant	
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	VS	S	M	L	VL	No Odor
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16600 block of Sidonie

Supplemental Investigator's Odor Intensity Time Log

Date of Investigation:	1-5-2017	Start Time:	12-461	2112
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Offensiveness: Highly	Offensive 📐	Unpleasant	Not Unpleasant	
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	VS	S	M	L	VL	No Odor
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10 Min						
1 Hour						



Supplemental Investigator's Odor Intensity Time Log

Date of Investigation:

Start Time: 1:03 pm

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Minutes	Odor Intensity VI., L, M, S, VS
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Offensiveness: Highly_____ Offensive_____ Unpleasant ____ Not Unpleasant ___

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



Calibrations

Air Quality Maps

Data Reports

AutoGC

Water Data

Comms

Log Files

Configuration

Site Info

Manvel Croix Park C84 Daily Summary

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

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

CAMS 84 Manyel Croix Park C84 ✓ Select a different site

Month: Day: Year: Time Format:
July √ 7 √ 2017 √ 12 Hour (AM/PM) √ Generale Report Plot Data

☑ Green underline for validated data
☑ Include Non-Public Monitors

Emulate WWW Report

The table below contains hourly averages for all the pollutants and meteorological conditions measured at Manvel Croix Park C84 for Friday, July 7, 2017. All times shown are in CST.

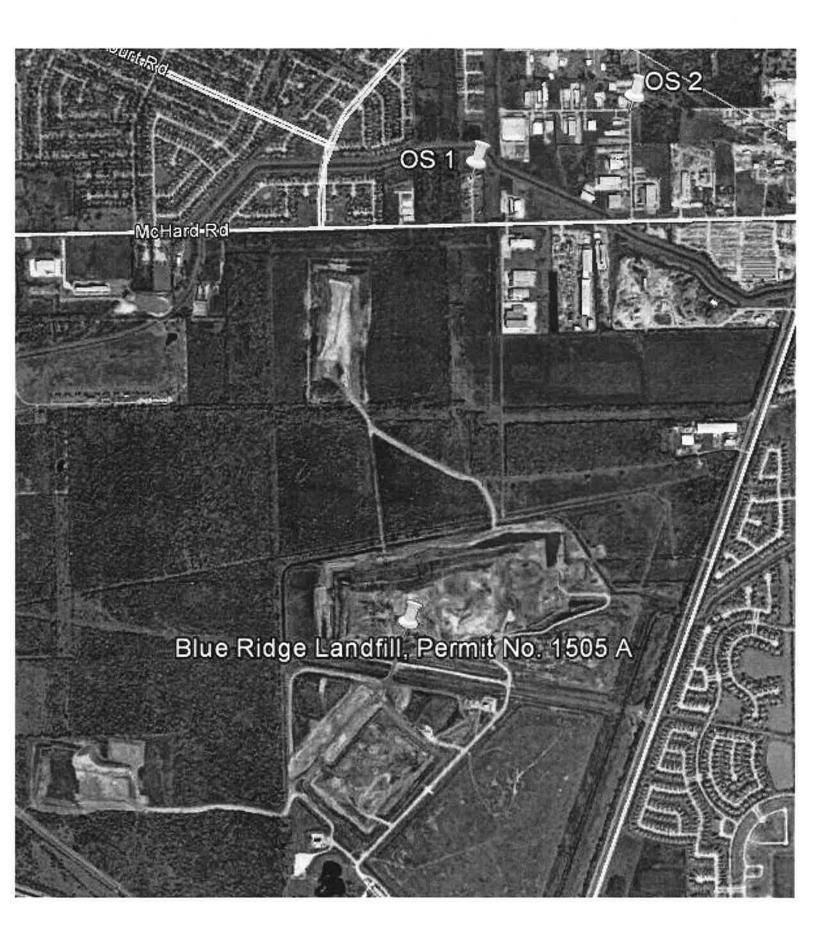
Parameter						Mo	rning							V				Afte	гпоог	7					Pa
Measured	Mid	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	Noon	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	М
Nitric Oxide	0,3	0.2	0.5	0.5	0.5	5.6	23.4	4.8	0.9	0.4	-0.1	0.2	0.2	-0,0	0,1	0.1	0.0	0.1	0.2	0.1	-0.1	0.2	0.2	0.2	Ni
Nitrogen Dioxide		4.9	3.3	2,3	2.4	4.0	8.6	619	2,4	1:7	1.1	1.3	1.2	1.1	1/1	0.7	0.9	1.2	2.3	3.5	3.2	4.7	3.9	3.3	Niti
Oxides of Nitrogen	6.0	5.1	3./	2,8	2.8	9.5	31.9	11.6	3.2	2,1	1.0	1.4	1.3	1.1	1.1	0.8	0.9	1,3	2.5	3.5	3.1	4.9	4.0	3.4	Oxi Nit
Ozone	6	5	4	2	2	1	2	10	18	22	24	26	28	28	28	27	27	26	26	21	13	9	8	8	Ozo
Wind Speed	0.9	0.3	0.3	LIM	LIM	LIM	LIM	1111	LIM	1.5	2.4	4.4	5.7	4.1	7,0	10.0	8.2	7.2	6.0	3.7	2.2	LIM	LIM	LIM	Wir
Resultant Wind Speed	0.9	0.1	0.2	LIM	LIM	LIM	LIM	TIM	LIM	1.2	1.1	3.8	4.8	3.8	6.2	9.6	8.0	6.9	5.8	3.5	2.1	LIM	LIM	LIM	Res
Resultant Wind Direction		66	5	i,1M	MLI	IIM	LIM	1,181	sate	220	264	171	182	182	160	166	174	177	174	191	189	LIM	LTM	LIM	Res Wir
Maximum Wind Gust	4.6	0.3	0.3	0.3	0.3	0.3	0.3	1.0	7.7	8.5	7.8	12,2	13.6	11.4	15 4	16.8	14.9	13.8	10.7	9.7	5.5	3.2	0.3	1;7	Ma: Wir
Std. Dev. Wind Direction	9	60	51	LIM	I,IM	IIM	3099	i liyi	1161	36	58	32	31	23	27	16	14	17	14	14	20	L[M	IIM	LIM	Std Wir
Outdoor emperature	77.2	77.0	76.8	76.9	76.6	76.8	78.2	82.5	86.8	86.5	87.5	88.2	89.2	90.7	90.9	90.5	89.0	87.5	86.1	83.5	81.3	79.5	78.5	78.3	Out
Internal Station emperature	8 1.6	81.5	81.5	8 1.5	81.5	81.5	81.8	82.7	83.2	83,3	83.3	83.2	83.5	83,5	83.5	83.5	83,4	83.2	83.0	82.6	82.1	82.0	81.8	81.8	Into Sta Ten
Parameter	Mid	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	Noon	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	41
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Previous Day July 6, 2017 Daily maxima and minima for CAMS 84.

All times shown are CST.

		Daily	Maximum	Daily Minimum			
Parameter	POC	Value	Hour	Value	Hour		
Nitric Oxide	1	10.1	4:00 am	-0.0	11:00 pm		
Nitrogen Dioxide	1 R	8.2	5:00 am	1.3	4:00 pm		
Oxides of Nitrogen	1	18.0	4:00 am	1.5	4:00 pm		
Ozone	1 R	31	11:00 am	0	3:00 am		
Wind Speed	1	10.0	4:00 pm	0.5	11:00 pm		
Resultant Wind Speed	1	9.5	4:00 pm	0.4	9:00 am		
Resultant Wind Direction	1	324	9:00 am	21	10:00 am		
Maximum Wind Gust	1	23.1	1:00 pm	0.3	Midnite		
Std. Dev. Wind Direction	1	70	9:00 am	9	10:00 pm		
Outdoor Temperature	1	89.2	4:00 pm	77.1	5:00 am		
Internal Station Temperature	1	83.4	11:00 pm	81.5	3:00 am		

PLEASE NOTE: This data has not been verified by the TCHQ and may change. This is the most current data, but it is not efficial 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



16600 block of Sidonic

Supplemental Investigator's Odor Intensity Time Log

Date of Investigation:	1-7	-1	17	Start Time:	1:	10	pm	
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Minutes	Odor Intensity VL, L, M, S, VS
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Offensiveness: Highly Offensive Unpleasant Not Unpleasant	
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	VS	S	M	L	VL	No Odor
1 Min						
10 Min						
1 Hour						

057

South Dr. + West Dr.

Supplemental Investigator's Odor Intensity Time Log

Doto of Tare	stigation:	151-17		Start Time:	1:28pm
Jate of Inve	sugation:	1. 1. 1.		otart Time;	1 - 01/11
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29	V	L garba	.ge	59	
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	ess: Highly	Offensive	3/		Not Unpleasant
Weighted Ave	rage Intensity:		126	T .	VL No Odor
ı Min	VS	S	M	L	VL No Odor
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Odors From Blue Ridge LandFill

COVER APPLICATION LOG

Month / Year July 2017

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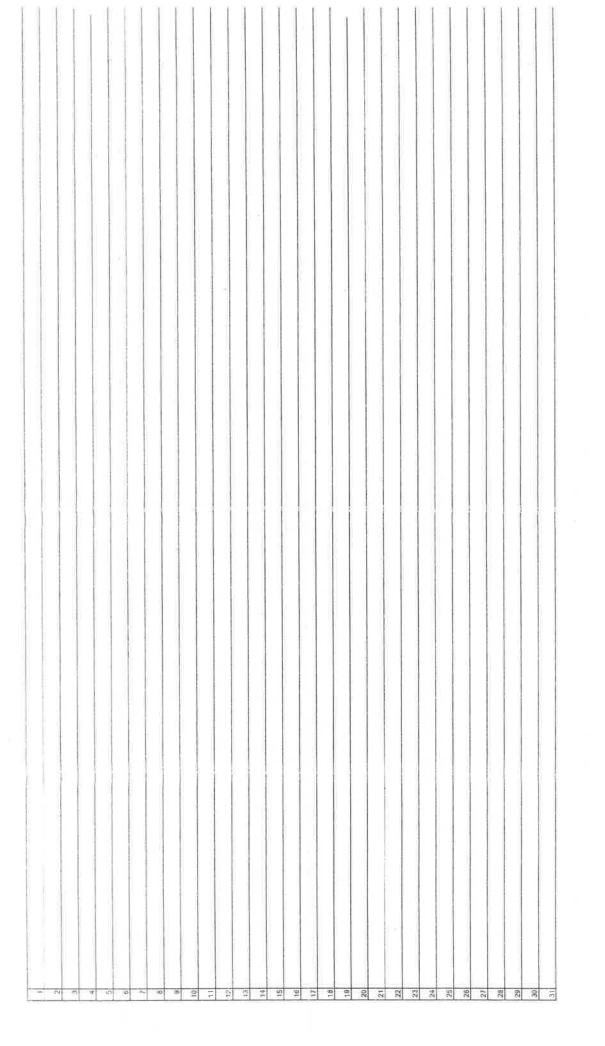
 $\mathsf{AMT} = \mathsf{Amount}$ of cover (soil) in yd 3 or alternate daily cover in bags or tarp area $T = \mathsf{Thickness}$ in inches

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 stating reasons for delay Erosion of daily 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

Signature certifies work accomplished as stated in the Cover Application Log 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 mount of soil required is dependent upon the maximum alicipated size of the working face. A 50 yd soil stockpile is required within 1,000 ft of the Regulated Asbesto-Containing Material (RACM) disposal area.





July 24, 2017

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 approving additional time to repair erosion, dated July 11, 2017, Blue Ridge Landfill, TX, LP ("Blue Ridge") is providing the TCEQ Region 12 office with the weekly progress in implementing the erosion corrective action. During week 1 (7/17/2017 – 7/23/2017), Blue Ridge has completed the necessary repairs on the slopes of Phase 3 of the landfill between grid markers RR and SS, 47-48. In addition, erosion repairs on Phase 3 between markers SS and TT, 47-48 have been completed. Blue Ridge will continue to send the weekly progress letters until all corrective action is completed.

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

Sincerely,

Burgess Stengl

Environmental Manager

Cc: Matt Montagna, Blue Ridge Landfill

JUL 2 6 2017 REGION 12



August 1, 2017

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 approving additional time to repair erosion, dated July 11, 2017, Blue Ridge Landfill, TX, LP ("Blue Ridge") is providing the TCEQ Region 12 office with the weekly progress in implementing the erosion corrective action. During week 2 (7/24/2017 – 7/31/2017), Blue Ridge has completed the necessary repairs on the slopes of Phase 3 of the landfill. The completed work on Phase 3 includes: North slope areas Y-FF, GG-QQ, G-Y, FF-II; West slope areas 40-50; South slope areas C-J, J-A In addition, erosion repairs on the west slope of Phase 1 been completed. Blue Ridge will continue to send the weekly progress letters until all corrective action is completed.

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

Sincerely,

Burgess Stengl

Environmental Manager

Cc: Matt Montagna, Blue Ridge Landfill

RECEIVED

AUG 0 2 2017

REGION 12



August 8, 2017

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 approving additional time to repair erosion, dated July 11, 2017, Blue Ridge Landfill, TX, LP ("Blue Ridge") is providing the TCEQ Region 12 office with the weekly progress in implementing the erosion corrective action. During week 3 (8/1/2017 - 8/6/2017), Blue Ridge has not completed any additional repairs due to wet weather conditions. Blue Ridge will continue to send the weekly progress letters until all corrective action is completed.

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

Sincerely,

Burgess Stengl

Environmental Manager

Cc: Matt Montagna, Blue Ridge Landfill

AUG 1 1 2017 REGION 12



RECEIVED

August 14, 2017

AUG 1 6 2017 REGION 12

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 approving additional time to repair erosion, dated March 30, 2017, Blue Ridge Landfill, TX, LP ("Blue Ridge") is providing the TCEQ Region 12 office with the weekly progress in implementing the erosion corrective action. Blue Ridge has completed the necessary repairs on the slopes of Phase 3 of the landfill between grid markers DD 47-49, F-I. Blue Ridge will continue to send the weekly progress letters until all corrective action is completed.

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

Sincerely,

Burgess Stengl

Environmental Manager

Cc: Matt Montagna, Blue Ridge Landfill