

MSW PA\_1505A\_CO\_20170330\_Investigation Report  
**Texas Commission on Environmental Quality**  
**Investigation Report**

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

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**Regulated Entity Name: BLUE RIDGE LANDFILL**

**Regulated Entity Number: RN102610102**

**Investigation #** 1403110

**Incident Numbers**

254853	254868
255229	254888
254886	255251
255239	254997
254874	254875
254873	254497
254859	255230
254867	255221
254512	255217
255240	255236
255223	254878
255252	255234
254851	255089
254887	254984
255222	255233
255235	254418
255237	254858
254854	255253
255248	254437
254863	255226
254855	254415
255249	254883
254856	254865
254852	255232
254862	255243

**Investigator:** RICHARD BLACKNEY

**Site Classification** TYPE 1

**Conducted:** 03/30/2017 -- 07/06/2017

**NAIC Code:** 562212

**SIC Code:** 4953

**SIC Code:** 1521

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

**Investigation Type:** Compliance Investigation

**Location:** LOCATED ON 2200 FM 521

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

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

**Local Unit:** REGION 12 - HOUSTON

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

**Principal(s):**

**Role**

**Name**

RESPONDENT

BLUE RIDGE LANDFILL TX LP

**Contact(s):**

**BLUE RIDGE LANDFILL - FRESNO**

3/30/2017 to 7/6/2017 Inv. # - 1403110

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

**Other Staff Member(s):**

Role	Name
QA Reviewer	TOM COLLINS
Supervisor	ALMA JEFFERSON

**Associated Check List**

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

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

On March 17, 20, 21, 27, 28, 30 and 31, 2017, the Texas Commission on Environmental Quality Houston Region Office Waste Section (TCEQ Houston) received 75 complaints regarding Blue Ridge Landfill (BRL) located at 2200 FM 521 Road, Fresno (Fort Bend County), Texas 77545. Seventy complaints alleged odors on March 17, 18, 20, 21, 25, 26, 29 and 30, 2017. Five complaints alleged excessive birds in the area on March 26 and 29, 2017.

On March 30, 2017, Mr. Richard Blackney, Environmental Investigator for the TCEQ Houston Region Office, conducted an unannounced Odor Complaint Investigation at BRL and the area surrounding it.

**BACKGROUND**

During a Waste Section investigation conducted on January 30, 2017, (TCEQ Consolidated Compliance and Enforcement Data System Investigation No. 1394134), an outstanding alleged violation was noted for failure to document daily inspections of daily cover on the January 2017 cover log.

On March 28, 2017, BRL submitted a request to the TCEQ Houston Region Office for additional time to repair erosion to landfill cover caused by rain on March 24 and 25, 2017. The letter stated that repairs could not be completed within five days due to the wet slopes. By letter dated March 30, 2017, the TCEQ Houston Region Office allowed for additional time for BRL to repair the cover, and requested weekly updates regarding the implementation of corrective action, as well as documentation demonstrating that compliance was achieved. The letters are included in Attachment 1.

**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.

The landfill is authorized to dispose of MSW including household solid waste, commercial solid waste, construction and demolition waste, and yard waste; Class 1, Class 2, and Class 3 non-hazardous industrial solid

## BLUE RIDGE LANDFILL - FRESNO

3/30/2017 to 7/6/2017 Inv. # - 1403110

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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. 254415, 254418, 254437, 254497, 254512, 254851, 254852, 254853, 254854, 254855, 254856, 254858, 254859, 254862, 254863, 254865, 254867, 254868, 254873, 254874, 254875, 254878, 254883, 254886, 254887, 254888, 254984, 254997, 255089, 255217, 255221, 255222, 255223, 255226, 255229, 255230, 255232, 255233, 255234, 255235, 255236, 255237, 255239, 255240, 255243, 255248, 255249, 255251, 255252, 255253, 255254, 255255, 255256, 255257, 255258, 255260, 255262, 255263, 255264, 255265, 255266, 255267, 255268, 255269, 255270, 255272, 255273, 255274, 255277, 255278, 255279, 255280, 255281, 255282 and 255348). Some of the incidents for this complaint are included in Data Maintenance File Review No. 1403274.

### Description of Alleged Effects:

Breathing difficulty, headaches, nausea, lightheadedness, difficulty sleeping, and burning of the eyes and throat were alleged as occurring due to the odors.

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

Resultant Wind direction: North

Resultant Wind Speed: 6.8 to 9.2 mph

Outdoor Temperature: 81.7 °F

Meteorological data taken from TCEQ's continuous air monitoring stations (Attachment 3).

### Odor Survey (OS):

The investigator arrived at the first survey point located near the intersection of Kentucky Rd and Evergreen St in Fresno. OS No. 1 took place downwind of BRL and was conducted at 9:23 a.m. No landfill odors were detected during the 15 minutes spent at OS site No 1.

The investigator went to OS site No. 2 located at the 2500 block of Nail Road in Fresno. OS No. 2 took place crosswind of BRL and was conducted at 9:42 a.m. No landfill odors were detected during the 15 minutes spent at OS site No. 2.

The investigator went to OS site No. 3 located near the intersection of Marilyn St and

Laurel Ave in Fresno. OS No. 3 took place crosswind of BRL and was conducted at 10:05 a.m. No landfill odors were detected during the 15 minutes spent at OS site No. 3.

Aerial view maps of the OS locations and the OS logs are included in Attachment 3.

### Summary of on-site investigation:

Following the odor survey, 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 log for March 2017 (Attachment 4).

BRL has a system of misters for the purpose of neutralizing odors. The investigator viewed the misting system in operation and also observed the vapor odor control system along the eastern boundary of the landfill.

BRL must control excessive birds at the working face area by using pyrotechnic devices, or an alternative bird abatement program. The investigator observed that a landfill employee was equipped with a hand-held launcher that scares birds from the working face by firing audible pyrotechnics. BRL documents that the bird abatement program is operating and effective on their Daily Inspections Reports. Daily Inspection Reports for March 2017 are included in Attachment 5.

## BLUE RIDGE LANDFILL - FRESNO

3/30/2017 to 7/6/2017 Inv. # - 1403110

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### Description of Odor:

No landfill odors were detected during the odor survey.

### Description of the Effects on the Investigator:

No health effects were experienced by the investigator.

### Description of the Terrain Features of the Area:

Terrain is flat with residences and businesses.

### Location of the Source of the Odor:

The alleged source of the odor is 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 previously detected during odor surveys conducted on January 30, February 27 and March 14, 2017, the frequency of odors documented by the investigator was a monthly occurrence. According to FIDO protocol, a nuisance condition was not confirmed.

## ADDITIONAL INFORMATION

By letters dated April 7, 13, 21 and 28, 2017, BRL submitted reports regarding progress made on repairing the erosion at the landfill. On May 1, 2017, BRL submitted documentation for completed corrective action, which consisted of the April 2017 cover log. The letters are included in Attachment 6.

On July 5, 2017, cover logs were obtained from BRL which show that daily inspections of daily cover are being documented. The cover logs are included in Attachment 7.

## SUMMARY OF INVESTIGATION FINDINGS

### ALLEGED VIOLATION NOTED AND RESOLVED

The following alleged violation was noted and subsequently resolved based on corrective actions performed by the facility:

Site Operating Plan 4.18.2 / 30 Texas Administrative Code §330.121(a) – General (Category C3)

Daily inspections of daily cover shall be documented on the cover log. Inspection of daily cover areas includes visual verification of the thickness of cover, inspection for erosion, exposed waste or other damage within 24 hours after a rainfall event of 0.5 inches or more, and inspection for seeps.

Blue Ridge Landfill failed to document daily inspections of daily cover on the January 2017 cover log. The "Inspection Date of Daily Cover" column of the Cover Application Log was not completed.

Blue Ridge Landfill was requested to document daily inspections of daily cover and submit documentation to the TCEQ Houston Region Office to verify compliance.

This alleged violation was resolved based on documentation received from the facility on July 5, 2017, indicating that daily inspections of daily cover are being documented.

### ALLEGED VIOLATION(S) NOTED AND RESOLVED

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Track Number: 645984

Resolution Status Date: 7/19/2017

Violation Start Date: Unknown

Violation End Date: 7/5/2017

30 TAC Chapter 330.121(a)

PERMIT 1505A, Site Operating Plan 4.18.2

**BLUE RIDGE LANDFILL - FRESNO**

**3/30/2017 to 7/6/2017 Inv. # - 1403110**

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The Landfill Manager shall document, on a daily basis, that he (or his designee) has visually verified the thickness and condition in the Cover Application Log.

**Alleged Violation:**

**Investigation: 1394134**

Comment Date: 06/20/2017

Daily inspections of daily cover shall be documented on the cover log. Inspection of daily cover areas includes visual verification of the thickness of cover, inspection for erosion, exposed waste or other damage within 24 hours after a rainfall event of 0.5 inches or more, and inspection for seeps.

Blue Ridge Landfill failed to document daily inspections of daily cover on the January 2017 cover log. The "Inspection Date of Daily Cover" column of the Cover Application Log was not completed.

**Investigation: 1396214**

Comment Date: 06/26/2017

Compliance with this regulation was evaluated during the investigation conducted on February 17, 2017.

**Investigation: 1400999**

Comment Date: 06/30/2017

Compliance with this regulation was evaluated during the investigation conducted on March 14, 2017.

**Investigation: 1403110**

Comment Date: 07/13/2017

Compliance with this regulation was evaluated during the investigation conducted on March 30, 2017.

**Recommended Corrective Action:** Blue Ridge Landfill was requested to document daily inspections of daily cover and submit documentation to the TCEQ Houston Region Office to verify compliance.

**Resolution:** This alleged violation was resolved based on documentation received from the facility on July 5, 2017, indicating that daily inspections of daily cover are being documented.

Signed

*Richard Blackney*  
Environmental Investigator

Date

*7-19-2017*

Signed

*Alma L. Jefferson*  
Supervisor

Date

*07/19/2017*

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

\_\_\_ Enforcement Action Request (EAR)

☒ Letter to Facility (specify type): *Notice of Compliance*

\_\_\_ Investigation Report

\_\_\_ Sample Analysis Results

\_\_\_ Manifests

\_\_\_ Notice of Registration

☒ Maps, Plans, Sketches

\_\_\_ Photographs

☒ Correspondence from the facility

☒ Other (specify):

*See list of attachments*



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

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

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**Regulated Entity Name: BLUE RIDGE LANDFILL**

**Regulated Entity Number: RN102610102**

**Investigation #** 1403274

**Incident Numbers**

255262	255269
255277	255270
255274	255256
255254	255272
255273	255265
255282	255278
255267	255255
255279	255266
255264	255268
255281	255263
255348	255280
255260	255258
255257	

**Investigator:** RICHARD BLACKNEY

**Site Classification** TYPE 1

**Conducted:** 03/30/2017 -- 07/06/2017

**NAIC Code:** 562212

**SIC Code:** 4953

**SIC Code:** 1521

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

**Investigation Type:** Data Maintenance File Review

**Location:** LOCATED ON 2200 FM 521

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

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

**Local Unit:**

**Activity Type(s):**

**Principal(s):**

**Role**

**Name**

RESPONDENT

BLUE RIDGE LANDFILL TX LP

**Contact(s):**

**Role**

**Title**

**Name**

**Phone**

**Other Staff Member(s):**

**Role**

**Name**

Supervisor

ALMA JEFFERSON



**Associated Check List**

Checklist Name

Unit Name

**Investigation Comments:**

This Data Maintenance File Review was created to associate additional incidents for Investigation No. 1403110.

**No Violations Associated to this Investigation**

Signed

Richard Blackney  
Environmental Investigator

Date

7-19-2017

Signed

Alma L. Jefferson  
Supervisor

Date

07/19/2017

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

☐ Enforcement Action Request (EAR)

☒ Letter to Facility (specify type): Notice of Compliance

☐ Investigation Report

☐ Sample Analysis Results

☐ Manifests

☐ Notice of Registration

☒ Maps, Plans, Sketches

☐ Photographs

☒ Correspondence from the facility

☒ Other (specify):

see list of attachments



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



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

July 19, 2017

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

Re: Notice of Compliance for Investigation at:  
Blue Ridge Landfill, 2200 FM 521 Rd., Fresno (Fort Bend County), Texas 77545  
TCEQ Municipal Solid Waste Permit No.: 1505A  
Investigation No.: 1403110

Dear Mr. Stengl:

On March 30, 2017, Mr. Richard Blackney of the Texas Commission on Environmental Quality (TCEQ) Houston Region Office conducted an investigation of the above-referenced regulated entity to evaluate compliance with applicable requirements for municipal solid waste.

The TCEQ Houston Region Office has received the compliance documentation that you submitted on July 5, 2017 for the alleged violation noted during a previous investigation. Enclosed is a summary which lists the investigation findings. The compliance documentation contained in your response appears to indicate that corrective action has been taken for the alleged violation. No further submittal from you is required concerning this investigation.

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 these matters, please feel free to contact Mr. Blackney in the Houston Region Office at (713) 767-3718.

Sincerely,

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

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

ALJ/RLB/rsv

Enclosure: Summary of Investigation Findings



## **SUMMARY OF INVESTIGATION FINDINGS**

**Blue Ridge Landfill  
2200 F.M. 521, Fresno (Fort Bend County), TX 77545  
Municipal Solid Waste Permit No. 1505A  
MSW Complaint Investigation  
Conducted on March 30, 2017**

### **ALLEGED VIOLATION NOTED AND RESOLVED**

The following alleged violation was noted and subsequently resolved based on corrective actions performed by the facility:

#### **Site Operating Plan 4.18.2 / 30 Texas Administrative Code §330.121(a) – General**

Daily inspections of daily cover shall be documented on the cover log. Inspection of daily cover areas includes visual verification of the thickness of cover, inspection for erosion, exposed waste or other damage within 24 hours after a rainfall event of 0.5 inches or more, and inspection for seeps.

Blue Ridge Landfill failed to document daily inspections of daily cover on the January 2017 cover log. The "Inspection Date of Daily Cover" column of the Cover Application Log was not completed.

Blue Ridge Landfill was requested to document daily inspections of daily cover and submit documentation to the TCEQ Houston Region Office to verify compliance.

**This alleged violation was resolved based on documentation received from the facility on July 5, 2017, indicating that daily inspections of daily cover are being documented.**



**Blue Ridge Landfill  
2200 F.M. 521, Fresno (Fort Bend County), TX 77545  
Municipal Solid Waste Permit No. 1505A  
MSW Complaint Investigation  
Conducted on March 30, 2017**

**List of Attachments**

Attachment 1	March 28, 2017 letter from Blue Ridge Landfill and March 30, 2017 letter from the TCEQ Houston Region Office.
Attachment 2	Blue Ridge Landfill information from the TCEQ Central Registry Database
Attachment 3	Meteorological Information, Map of Odor Survey locations and Odor Logs
Attachment 4	March 2017 Cover Log
Attachment 5	March 2017 Daily Inspection Reports
Attachment 6	Blue Ridge Landfill letters dated April 7, 13, 21, 28 and May 1, 2017
Attachment 7	Cover Logs obtained July 5, 2017



# ATTACHMENT 1







March 28, 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 is requesting additional time to repair erosion caused by rain on March 24<sup>th</sup> and 25<sup>th</sup> 2017. During that period of time, approximately 1.0 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. 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 blue ink that reads "Burgess Stengl".

Burgess Stengl  
Environmental Manager

Cc: Matt Montagna, Blue Ridge Landfill

**RECEIVED**  
**MAR 29 2017**  
**REGION 12**



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



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

March 30, 2017

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

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 March 28, 2017 letter requesting additional time to repair erosion caused by rain on March 24 and 25, 2017 at the Blue Ridge Landfill. During that period of time, approximately 1.0 inch of rain fell.

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 cursive script that reads "Alma L. Jefferson".

for  
Jason T. Ybarra  
Manager, Waste Section  
Houston Region Office

JTY/ALJ/rsv

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



## **ATTACHMENT 2**





[Questions or Comments >>](#)[Query Home](#)[Customer Search](#)[RE Search](#)[ID Search](#)[Document Search](#)[Search Results](#)[TCEQ Home](#)

## Central Registry Query - Regulated Entity Information

### Regulated Entity Information

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

### Affiliated Customers - Current

Your Search Returned **5** Current Affiliation Records ( [View Affiliation History](#) )*The Customer Name displayed may be different than the Customer Name associated to the Additional IDs related to the customer. This name may be different due to ownership changes, legal name changes, or other administrative changes.*

#### 1-5 of 5 Records

CN Number ▲	Customer Name	Customer Role(s)	Details
CN600343826	BFI WASTE SYSTEMS OF NORTH AMERICA INC.	OWNER OPERATOR	⇒
CN601527963	BFI WASTE SERVICES OF TEXAS LP	OWNER	⇒
CN601721657	LONGHORN EXCAVATORS INC	OPERATOR	⇒
CN602820599	BLUE RIDGE LANDFILL TX LP	OWNER OPERATOR	⇒
CN603713595	GRISHAM & JHA GROUP LLC	OPERATOR	⇒

### Industry Type Codes

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

### Permits, Registrations, or Other Authorizations

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

#### 1-21 of 21 Records

Program ▲	ID Type	ID Number	ID Status
AIR EMISSIONS INVENTORY	ACCOUNT NUMBER	FG0536E	ACTIVE
AIR NEW SOURCE PERMITS	ACCOUNT NUMBER	FG0536E	ACTIVE
AIR NEW SOURCE PERMITS	AFS NUM	4815700111	ACTIVE
AIR NEW SOURCE PERMITS	REGISTRATION	32691	CANCELLED
AIR NEW SOURCE PERMITS	REGISTRATION	51882	CANCELLED
AIR NEW SOURCE PERMITS	REGISTRATION	55939	CANCELLED
AIR NEW SOURCE PERMITS	REGISTRATION	77271	CANCELLED
AIR NEW SOURCE PERMITS	REGISTRATION	77703	CANCELLED
AIR NEW SOURCE PERMITS	REGISTRATION	81004	ACTIVE
AIR OPERATING PERMITS	ACCOUNT NUMBER	FG0536E	ACTIVE
AIR OPERATING PERMITS	PERMIT	1472	ACTIVE
INDUSTRIAL AND HAZARDOUS WASTE	SOLID WASTE REGISTRATION # (SWR)	89429	ACTIVE
MUNICIPAL SOLID WASTE DISPOSAL	PERMIT	1505	INACTIVE
MUNICIPAL SOLID WASTE DISPOSAL	PERMIT	1505A	ACTIVE
PETROLEUM STORAGE TANK REGISTRATION	REGISTRATION	64950	ACTIVE
PETROLEUM STORAGE TANK STAGE II			
STORMWATER	PERMIT	TXR05N415	CANCELLED
STORMWATER	PERMIT	TXR05S302	ACTIVE



# ATTACHMENT 3




**TEXAS COMMISSION  
ON ENVIRONMENTAL QUALITY**

[Calibrations](#)
[Air Quality Maps](#)
[Data Reports](#)
[AutoQC](#)
[Water Data](#)
[Comms](#)
[Log Files](#)
[Configuration](#)
[Site Info](#)

## Manvel Croix Park C84 Daily Summary

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

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

CAMS 84 Manvel Croix Park C84 [Select a different site](#)

Month: Day: Year: Time Format:

March 30 2017 12 Hour (AM/PM) [Generate Report](#) [Plot Data](#)

☒ Green underline for validated data

☒ Include Non-Public Monitors

☐ Emulate WWW Report

The table below contains hourly averages for all the pollutants and meteorological conditions measured at Manvel Croix Park C84 for Thursday, March 30, 2017. All times shown are in CST.

Parameter Measured	Morning												Afternoon												Parameter Measured	
	Mid	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	Noon	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00		
Nitric Oxide	-0.1	-0.0	-0.1	-0.1	-0.0	-0.0	0.1	0.7	0.7	0.6	0.5	0.5	0.3	0.0	-0.0	0.0	-0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.0	-0.0	Nitric Oxide	
Nitrogen Dioxide	3.9	3.0	4.0	3.2	2.9	4.4	5.6	5.3	4.7	3.7	3.9	3.8	3.7	2.7	2.3	1.9	1.9	2.6	2.7	5.7	8.6	11.8	12.0	9.1	Nitrogen Dioxide	
Oxides of Nitrogen	3.7	2.8	3.8	3.0	2.8	4.3	5.6	6.0	5.3	4.2	4.3	4.2	3.9	2.6	2.2	1.8	1.8	2.5	2.5	5.5	8.3	11.5	11.8	9.0	Oxides of Nitrogen	
Ozone	13	16	27	30	28	24	22	26	30	32	35	40	47	51	52	53	53	49	45	31	22	16	15	22	Ozone	
Wind Speed	1.2	3.2	8.4	9.3	11.4	10.2	9.4	8.6	10.3	9.9	7.4	7.3	7.2	8.2	8.5	7.6	7.4	6.1	1.7	2.0	1.1	1.9	2.4	3.4	Wind Speed	
Resultant Wind Speed	1.0	3.1	8.0	9.0	11.0	9.7	8.9	7.9	9.5	9.2	6.8	6.3	6.4	7.5	7.8	7.2	7.0	5.9	1.6	2.0	1.0	1.9	2.3	3.4	Resultant Wind Speed	
Resultant Wind Direction	207	245	300	320	321	322	325	355	353	351	359	333	316	295	295	285	283	281	245	201	197	206	182	173	Resultant Wind Direction	
Maximum Wind Gust	5.7	8.1	19.9	19.3	22.8	21.6	18.6	15.9	20.4	20.1	16.2	16.3	14.6	16.6	15.8	15.7	15.1	12.8	7.1	4.6	4.1	5.5	4.9	6.1	Maximum Wind Gust	
Std. Dev. Wind Direction	34	18	17	15	16	17	18	23	22	23	23	30	26	24	24	19	18	15	18	12	17	11	17	11	Std. Dev. Wind Direction	
Outdoor Temperature	64.7	65.2	66.1	65.4	63.9	62.2	61.0	61.8	62.8	63.0	63.6	65.9	68.5	71.2	72.6	73.6	74.3	73.8	71.0	67.5	65.2	63.6	62.1	60.5	Outdoor Temperature	
Internal Station Temperature	80.9	80.2	80.5	80.2	79.7	79.5	79.6	80.1	81.1	81.7	81.6	81.5	81.6	81.8	82.1	82.1	82.0	81.4	81.0	80.5	80.0	80.0	80.1	80.1	Internal Station Temperature	
Parameter Measured	Mid	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	Noon	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	Parameter Measured	
	Morning												Afternoon													
	x.xx Indicates the data has been validated.																									
	Maximum values for each parameter are <b>bold</b> within the table. Minimum values are <b>bold italic</b> .																									
	R - Data from this instrument meets EPA quality assurance criteria for regulatory purposes.																									

### Previous Day

March 29, 2017

Daily maxima and minima for CAMS 84.

All times shown are CST.

Parameter	POC	Daily Maximum		Daily Minimum	
		Value	Hour	Value	Hour
Nitric Oxide	1	0.2	6:00 am	-0.1	Midnite
Nitrogen Dioxide	1 R	14.0	5:00 am	0.5	1:00 am
Oxides of Nitrogen	1	13.9	5:00 am	0.3	1:00 am
Ozone	1 R	38	4:00 pm	13	5:00 am
Wind Speed	1	17.8	Midnite	0.3	8:00 pm
Resultant Wind Speed	1	17.4	Midnite	0.3	8:00 pm
Resultant Wind Direction	1	315	1:00 pm	95	5:00 am
Maximum Wind Gust	1	32.8	Midnite	0.3	8:00 pm
Std. Dev. Wind Direction	1	63	11:00 pm	10	6:00 am
Outdoor Temperature	1	80.1	5:00 pm	65.8	11:00 pm
Internal Station Temperature	1	82.6	4:00 pm	81.3	7:00 pm
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





051

Kentucky + Evergreen

## Supplemental Investigator's Odor Intensity Time Log

Date of Investigation: 3-30-17 Start Time: 9:23 am

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

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

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

Weighted Average Intensity:

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





2500 block of Nail Rd.

052

# Supplemental Investigator's Odor Intensity Time Log

Date of Investigation: 3-30-17 Start Time: 9:42 am

Minutes	Odor Intensity VL, L, M, S, VS
1 min	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	

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

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

Weighted Average Intensity:

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



053

Marilyn + Laurel

## Supplemental Investigator's Odor Intensity Time Log

Date of Investigation: 3-30-17 Start Time: 10:05

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

Minutes	Odor Intensity VL, L, M, S, VS
31 min	
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	
42	
43	
44	
45	
46	
47	
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57	
58	
59	
60	

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

Weighted Average Intensity:

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





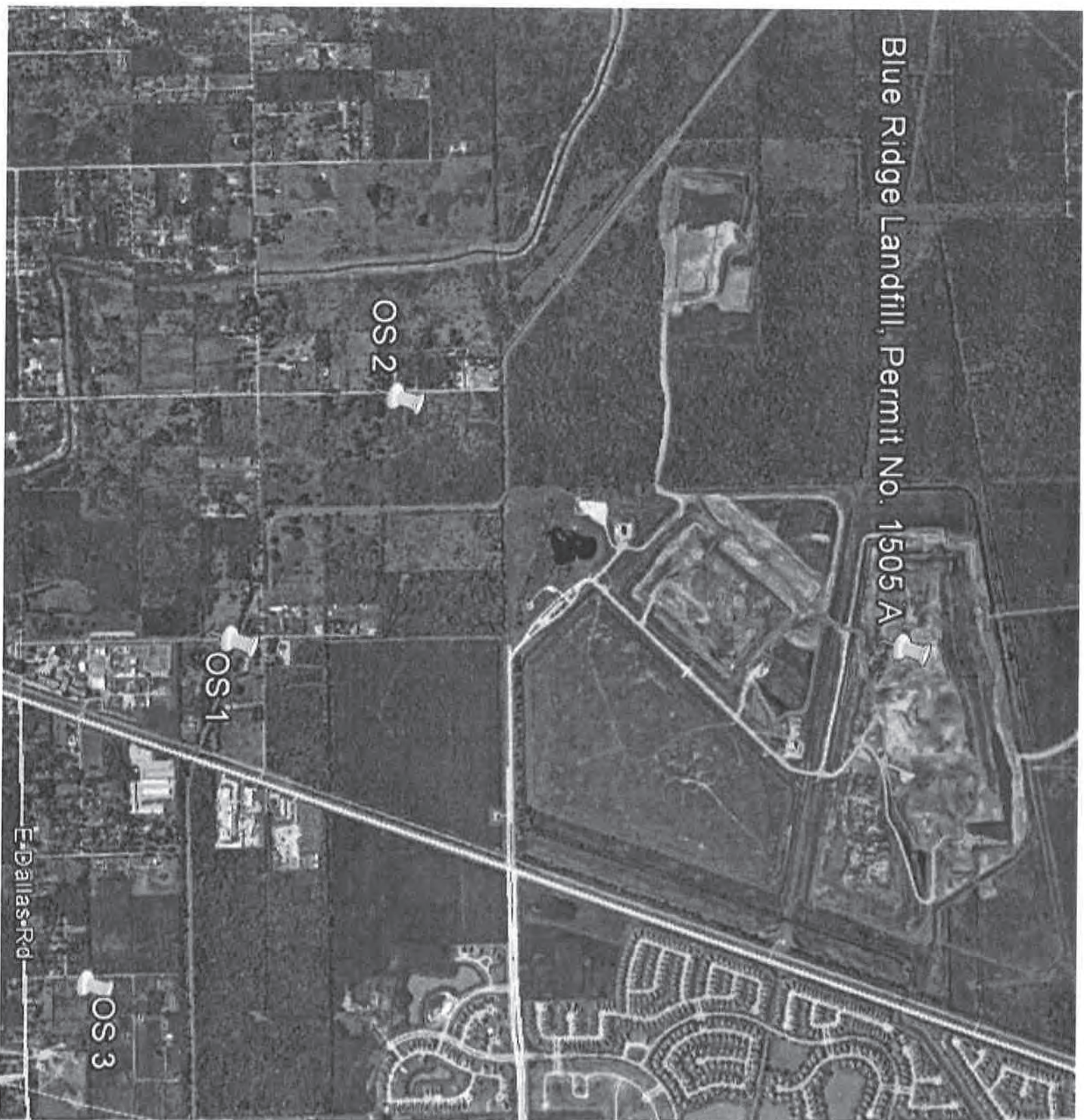
Blue Ridge Landfill, Permit No. 1505 A

OS 2

OS 1

OS 3

E Dallas Rd







# **ATTACHMENT 4**



MSW

Approved Alternative Daily Cover										Elevation		Inspection Date of Daily Cover <sup>1</sup>		Erosion of Leachate Seep Detected		Corrective Action		Soil Stockpile Required <sup>1</sup> (yd <sup>3</sup> )		Rain (inches) ≥ 0.5"		Intermediate Cover 12" Soil				Final Cover Per Final Closure Plan				Inspection Date of Intermediate & Final Cover <sup>1</sup>		Erosion Detected ≥ 4"		Date Erosion Corrected		Corrective Action <sup>1</sup>		Month / Year		Final Cover Certification Report		Supervisor Signature <sup>1</sup>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Daily Cover 6" Soil		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1</sup>		Method <sup>1</sup>		AMT <sup>1</sup>		Grid Area		T <sup>1&lt;/</sup>	

AMT = Amount of cover (soil) in yd<sup>3</sup> or alternate daily cover in bags or tarp area

T = Thickness in inches

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

Inspect areas with daily cover or alternate daily cover each day the site is in operation and areas with intermediate and final cover weekly or within 72 hours of a 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 7.7.4 requires a soil stockpile to be maintained within 1,000 ft of the working face. The amount of soil required is dependent upon the maximum anticipated size of the working face. A 50 yd<sup>3</sup> soil stockpile is required within 100 ft of the Regulated Asbestos-Containing Material (RACM) disposal area.

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

1	
2	Repaired seam in on Phase I & Phase III
3	
4	
5	
6	
7	
8	Repaired erosion on Phase III near bend on south slope. Discussed change for Phase I on same
9	Repaired seam at W Phase III
10	
11	Repaired Phase I east side jet house
12	Repaired Repair of jet house on Phase I east side scum
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	Erosion observed on north slope to west slope Phase III. Erosion corrected on Phase II - north slope
28	
29	Repaired erosion on Phase III west slope
30	
31	



# **ATTACHMENT 5**





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

## DAILY INSPECTION REPORT

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

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Month / Year	MARCH 2017					
Day / Time:			9:30 3/1/17	9:00 3/2/17	10:15 3/3/17	9:00 3/4/17
Inspector Name:			Ring County RC	Ring County RC	Ring County RC	Pick Remmer
Site operations control odors at site perimeter. <sup>1</sup>			✓	✓	✓	✓
Litter collected from working face area, wind fences, access roads, entrance areas, ditches, and perimeter fence.			✓	✓	✓	✓
Condition of on-site and access roads is acceptable. <sup>2</sup>			✓	✓	✓	✓
On-site populations of disease vectors (i.e. insects and rodents) controlled.			✓	✓	✓	✓
Bird Abatement Program operating and effective.			✓	✓	✓	✓
Water tanks/trucks contain at least 2,000 gallons of water.			✓	✓	✓	✓

Additional Observations / Comments / Corrective Action:

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

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







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

## DAILY INSPECTION REPORT

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

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

Additional Observations / Comments / Corrective Action:

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

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





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

## DAILY INSPECTION REPORT

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

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Month / Year	March 2017					
Day / Time:	3-13-17 9:30 AM	3-14-17 9:30 AM	3-15-17 9:30 AM	3-16-17 9:30 AM	3-17-17 9:00 AM	3-18-17 10:30
Inspector Name:	Rick Lemmel	Rick Lemmel	Rick Lemmel	Rick Lemmel	Rick Lemmel	Rick Lemmel
Site operations control odors at site perimeter. <sup>1</sup>	✓	✓	✓	✓	✓	✓
Litter collected from working face area, wind fences, access roads, entrance areas, ditches, and perimeter fence.	✓	✓	✓	✓	✓	✓
Condition of on-site and access roads is acceptable. <sup>2</sup>	✓	✓	✓	✓	✓	✓
On-site populations of disease vectors (i.e. insects and rodents) controlled.	✓	✓	✓	✓	✓	✓
Bird Abatement Program operating and effective.	✓	✓	✓	✓	✓	✓
Water tanks/trucks contain at least 2,000 gallons of water.	✓	✓	✓	✓	✓	✓

Additional Observations / Comments / Corrective Action:

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

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





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

## DAILY INSPECTION REPORT

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

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Month / Year	MARCH 20 17					
Day / Time:	10:00 3/20/17	9:00 3/21/17	9:30 3/22/17	9:30 3/23/17	9:30 3/24/17	8:00 3/25/17
Inspector Name:	RL	Rick Lemmer	Rick Lemmer	Rick Lemmer	Rick Lemmer	Rick Lemmer
Site operations control odors at site perimeter. <sup>1</sup>	✓	✓	✓	✓	✓	✓
Litter collected from working face area, wind fences, access roads, entrance areas, ditches, and perimeter fence.	✓	✓	✓	✓	✓	✓
Condition of on-site and access roads is acceptable. <sup>2</sup>	✓	✓	✓	✓	✓	✓
On-site populations of disease vectors (i.e. insects and rodents) controlled.	✓	✓	✓	✓	✓	✓
Bird Abatement Program operating and effective.	✓	✓	✓	✓	✓	✓
Water tanks/trucks contain at least 2,000 gallons of water.	✓	✓	✓	✓	✓	✓

Additional Observations / Comments / Corrective Action:

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

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





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

## DAILY INSPECTION REPORT

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

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Month / Year	March 2017					
Day / Time:	3-27-17 8:30 AM	3-28-17 2:30 PM	3-29-17 1:30	3-30-17		
Inspector Name:	Rick Lemmel	Rick Lemmel	Rick Lemmel			
Site operations control odors at site perimeter. <sup>1</sup>	✓	✓	✓			
Litter collected from working face area, wind fences, access roads, entrance areas, ditches, and perimeter fence.	✓	✓	✓			
Condition of on-site and access roads is acceptable. <sup>2</sup>	✓	✓	✓			
On-site populations of disease vectors (i.e. insects and rodents) controlled.	✓	✓	✓			
Bird Abatement Program operating and effective.	✓	✓	✓			
Water tanks/trucks contain at least 2,000 gallons of water.	✓	✓	✓			

Additional Observations / Comments / Corrective Action:

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

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





# **ATTACHMENT 6**





**REPUBLIC**  
SERVICES

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

April 7, 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 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 south slope of Phase 3 of the landfill between grid markers J and SS. In addition, erosion repairs on the west slope of Phase 3 between markers 42 and 50 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





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

April 13, 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 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. For the week of April 10, 2017, Blue Ridge has completed the necessary repairs on the north slope of Phase 3 of the landfill between grid markers II and KK. In addition, erosion repairs on the west slope of Phase 1 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

**RECEIVED**

**APR 14 2017**

**REGION 12**





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

April 21, 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 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. For the week of April 17, 2017, Blue Ridge has completed the necessary repairs on the north slope of Phase 3 of the landfill between grid markers T and Z. 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**  
**APR 25 2017**  
**REGION 12**







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

April 28, 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 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. For the week of April 24, 2017, Blue Ridge has completed the necessary repairs on the north slope of Phase 3 of the landfill between grid markers K and S, and between BB and KK. Blue Ridge will send final documentation on Monday, May 1, 2017.

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 03 2017**

**REGION 12**



Daily Cover		Approved Alternate Daily Cover		Elevation		Inspection Date of Daily Cover	Erosion or Leachate Seep Detected	Corrective Action	Soil Stockpile Required (yd <sup>3</sup> )	Rain (inches) ≥ 0.5"	Intermediate Cover		Final Cover		Inspection Date of Intermediate & Final Cover	Erosion & 4 Detected	Date Erosion Corrected	Corrective Action	Final Cover Certification Report Reference	Supervisor Signature
AMT	Grid Area T <sup>2</sup>	Method	AMT	Grid Area T <sup>2</sup>	Method						Grid Area T <sup>2</sup>	Method	Grid Area T <sup>2</sup>	Method						
1 600	41.44	B	—	—	—	122-125														
2																				
3 600	42.48	B	—	—	—	80-86											4-3-17	G+R		
4 600	43.48	B	—	—	—	86-90											4-4-17	G+R		
5 600	44.48	B	—	—	—	90-95											4-5-17	G+R		
6 600	45.48	B	—	—	—	120-125											4-6-17	G+R		
7 600	46.48	B	—	—	—	95-100											4-7-17	G+R		
8 600	47.48	B	—	—	—	100-103											4-8-17	G+R		
9																	4-9-17	G+R		
10 600	48.48	B	—	—	—	103-108											4-10-17	G+R		
11 600	49.48	B	—	—	—	108-112											4-11-17	G+R		
12 600	50.48	B	—	—	—	113-118														
13 600	51.48	B	—	—	—	118-124														
14 600	52.48	B	—	—	—	90-95														
15 600	53.48	B	—	—	—	95-98														
16																				
17 600	54.48	B	—	—	—	98-104											4-17-17	G+R		
18 600	55.48	B	—	—	—	104-110											4-19-17	G		
19 600	56.48	B	—	—	—	110-115											4-20-17	G+R		
20 600	57.48	B	—	—	—	115-120											4-21-17	G+R		
21 600	58.48	B	—	—	—	120-124											4-22-17	G+R		
22 500	48.48	B	—	—	—	80-85											4-23-17	G+R		
23																				
24 600	59.48	B	—	—	—	85-92											4-24-17	G+R		
25 600	60.48	B	—	—	—	92-98											4-25-17	G+R		
26 600	61.48	B	—	—	—	98-104											4-26-17	G+R		
27 600	62.48	B	—	—	—	104-110											4-27-17	G+R		
28 600	63.48	B	—	—	—	110-116											4-28-17	G+R		
29 500	48.48	B	—	—	—	116-120											4-29-17	G+R		
30																				
31																				

AMT = Amount of cover (soil) in yd<sup>3</sup> or alternate daily cover in bags or tarp area

T = Thickness in inches

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

Inspect areas with daily cover or alternate daily cover each day the site is in operation and areas with intermediate and final cover weekly or within 72 hours of a 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 7.74 requires a soil stockpile to be maintained within 1,000 ft of the working face. The amount of soil required is dependent upon the maximum anticipated size of the working face. A 50 yd<sup>3</sup> soil stockpile is required within 100 ft of the Regulated Asbestos-Containing Material (RACM) disposal area. Signature certifies work accomplished as stated in the Cover Application Log.

RECEIVED

MAY 03 2017

REGION 12

- |    |   |
|----|---|
| 1  |   |
| 2  |   |
| 3  | Repaired erosion Phase III South slope AA-106, made sand beams Phase III South slope m.m.s.s  |
| 4  | Repaired erosion Phase III South slope AA-2, made sand beam Phase III South slope Gite m.m.s  |
| 5  | Repaired erosion on Phase III South slope J-M and west slope made new foundation on Phase III South slope                               |
| 6  | Repaired erosion on Phase III North slope J-T made new beam on Phase III South slope  |
| 7  | Repaired erosion on Phase III North slope T-H made sand beam North slope J-T Phase III  |
| 8  | Repaired erosion on Phase III North slope AA-11 completed sand beam North slope J-T Phase III   |
| 9  | Repaired soil on Phase I west slope started filling numerous west Phase I west slope  |
| 10 | Repaired erosion Phase II North slope KK-10 filled numerous west Phase I west slope   |
| 11 | Repaired on Phase III North slope II-10, repaired in fill of west on slope Phase I west slope   |
| 12 |   |
| 13 |   |
| 14 |   |
| 15 |   |
| 16 |   |
| 17 | Phase III North slope T-2 made sand beam  |
| 18 |   |
| 19 | Repaired drainage of rock fill in alcove the Pond on south side Phase III   |
| 20 | Repaired drainage of rock 22-ft adding side beam on south side Phase III - repaired - started drainage Phase III 22-ft                  |
| 21 | Repaired erosion on Phase III Top 22-ft   |
| 22 | Repaired erosion on Phase III Top 22-ft   |
| 23 | Repaired & filled in low erosion on Phase I top back 0/11-12  |
| 24 | Repaired & filled in low erosion on top back Phase I 0/11-13  |
| 25 | Repaired & filled in low erosion on top back Phase I 0/11-13  |
| 26 | Repaired erosion Phase III North slope JJ-11, repaired & filled in low erosion on top back Phase I                                      |
| 27 | Repaired erosion Phase III North slope KK-2 & 22-ft, started new beam on west side U-10. Replaced & filled low erosion Phase I top back |
| 28 | Repaired & filled in low erosion on top back Phase I 0/11-13, repaired & filled low erosion Phase III North slope U-10                  |
| 29 | Repaired & filled in low erosion on top back Phase I 0/11-13, repaired & filled low erosion Phase III North slope U-10                  |
| 30 |   |
| 31 |   |



# ATTACHMENT 7





COVER APPLICATION LOG

Month / Year:

JUNE 2017

Line	Daily Cover			Approved Alternate Daily Cover			Elevation MSL	Inspection Date of Daily Cover	Erosion or Leachate Seep Detected	Date Erosion or Leachate Seep Corrected	Corrective Action	Soil Stockpile Required (yd <sup>3</sup> )	Rain (Inches) ≥ 0.5"	Intermediate Cover			Final Cover			Inspection Date of Intermediate & Final Cover	Erosion ≥ 4" Detected	Date Erosion Corrected	Corrective Action	Final Cover Certification Report Reference	Supervisor Signature
	AMT <sup>1</sup>	Grid Area T <sup>2</sup>	Method <sup>3</sup>	AMT <sup>1</sup>	Grid Area T <sup>2</sup>	Method <sup>3</sup>								AMT <sup>1</sup>	Grid Area T <sup>2</sup>	Method <sup>3</sup>	AMT <sup>1</sup>	Grid Area T <sup>2</sup>	Method <sup>3</sup>						
1	1,600	35'-11"	6"	B	—	—	40-45	—	—	—	—	0.1	—	—	—	—	—	—	—	—	—	—	—	—	—
2	1,600	35'-11"	6"	B	—	—	43-50	—	—	—	—	0.6	—	—	—	—	—	—	—	—	—	—	—	—	—
3	500	35'-11"	6"	B	—	—	50-52	—	—	—	—	1.0	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	—	—	1.5	—	—	—	—	—	—	—	—	—	—	—	—	—
5	600	35'-11"	6"	B	—	—	52-56	—	—	—	—	1.8	—	—	—	—	—	—	—	—	—	—	—	—	—
6	600	35'-11"	6"	B	—	—	56-60	—	—	—	—	0.2	—	—	—	—	—	—	—	—	—	—	—	—	—
7	1,600	35'-11"	6"	B	—	—	40-45	—	—	—	—	0.2	—	—	—	—	—	—	—	—	—	—	—	—	—
8	1,600	35'-11"	6"	B	—	—	45-50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	1,600	35'-11"	6"	B	—	—	50-55	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	500	35'-11"	6"	B	—	—	55-56	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	800	35'-11"	6"	B	—	—	40-45	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	800	35'-11"	6"	B	—	—	45-50	—	—	—	—	0.2	—	—	—	—	—	—	—	—	—	—	—	—	—
14	800	35'-11"	6"	B	—	—	40-45	—	—	—	—	0.6	—	—	—	—	—	—	—	—	—	—	—	—	—
15	600	35'-11"	6"	B	—	—	45-50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	600	35'-11"	6"	B	—	—	40-44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	500	35'-11"	6"	B	—	—	44-46	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	500	35'-11"	6"	B	—	—	46-50	—	—	—	—	0.1	—	—	—	—	—	—	—	—	—	—	—	—	—
20	500	35'-11"	6"	B	—	—	40-44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	500	35'-11"	6"	B	—	—	44-48	—	—	—	—	0.1	—	—	—	—	—	—	—	—	—	—	—	—	—
22	600	35'-11"	6"	B	—	—	40-44	—	—	—	—	0.3	—	—	—	—	—	—	—	—	—	—	—	—	—
23	600	35'-11"	6"	B	—	—	44-47	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	600	35'-11"	6"	B	—	—	47-50	—	—	—	—	1.5	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	—	—	0.5	—	—	—	—	—	—	—	—	—	—	—	—	—
26	600	35'-11"	6"	B	—	—	50-55	—	—	—	—	1.5	—	—	—	—	—	—	—	—	—	—	—	—	—
27	600	35'-11"	6"	B	—	—	40-44	—	—	—	—	0.1	—	—	—	—	—	—	—	—	—	—	—	—	—
28	600	35'-11"	6"	B	—	—	44-48	—	—	—	—	0.3	—	—	—	—	—	—	—	—	—	—	—	—	—
29	600	35'-11"	6"	B	—	—	48-52	—	—	—	—	0.5	—	—	—	—	—	—	—	—	—	—	—	—	—
30	600	35'-11"	6"	B	—	—	52-56	—	—	—	—	0.1	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

AMT<sup>1</sup> = Amount of cover (soil) in yd<sup>3</sup> or alternate daily cover in bags or tarp area

T<sup>2</sup> = 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

ROP Section 7.74 requires a soil stockpile to be maintained within 1,000 ft of the working face. The amount of soil required is dependent upon the maximum allocated size of the working face. A 50 yd<sup>3</sup> 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.

1	
2	
3	
4	
5	
6	
7	Discovered erosion on north side Phase III too west to repair still
8	Revised on
9	Revised slope above ramp on Phase III
10	Revised fixed & graded Phase III deck
11	
12	Graded Phase III top Deck Area filling in time & repair puts
13	Revised erosion on Phase III south slope between B3-B4
14	
15	Revised grade along area Phase III north side
16	
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19	Revised back barriers on Phase III west side
20	Revised back spur on Phase III north side
21	
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27	
28	Revised erosion Phase III south side B3-B4
29	
30	Revised erosion Phase III north side around old elevator area
31	



Daily Cover		Approved Alternate Daily Cover				Elevation	Inspection Date of Daily Cover	Leachate Seep Detected	Corrective Action	Soil Stockpile Required (yd <sup>3</sup> )	* Rain (Inches)	Rain (Inches) $\geq 0.5"$	Intermediate Cover			Final Cover			Inspection Date of Intermediate & Final Cover	Erosion $\geq 4"$ Detected	Date Erosion Corrected	Corrective Action	Month / Year	Final Cover Certification Report Reference	Supervisor Signature		
AMT <sup>1</sup>	Grid Area	T <sup>2</sup>	Method <sup>3</sup>	AMT <sup>1</sup>	Grid Area	T <sup>2</sup>	Method <sup>3</sup>	MSL	Uninspected	Yes		Yes	AMT <sup>1</sup>	Grid Area	T <sup>2</sup>	Method <sup>3</sup>	AMT <sup>1</sup>	Grid Area	T <sup>2</sup>	Method <sup>3</sup>	Uninspected	Yes					
1	500	8' x 10' 6"	B	—	—	—	—	56.58	✓																		
2																											
3	600	8' x 10' 6"	B	—	—	—	—	46.44	✓																		
4	600	8' x 10' 6"	B	—	—	—	—	44.47	✓																		
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AMT<sup>1</sup> = Amount of cover (soil) in yd<sup>3</sup> or alternate daily cover in bags or tarp area

T = Thickness in inches

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

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

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

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

SOP Section 7.74 requires a soil stockpile to be maintained within 1,000 ft of the working face. The amount of soil required is dependent upon the maximum anticipated size of the working face. A 50 yd<sup>3</sup> soil stockpile is required within 100 ft of the Regulated Asbestos-Containing Material (RACM) disposal area.

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

July 14, 2017  
Randy Conroy  
Randy Conroy  
Randy Conroy

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