

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

June 30, 2017

CERTIFIED MAIL #7012 1010 0003 7402 1210
RETURN RECEIPT REQUESTED

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

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

Dear Mr. Stengl:

On February 27, 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. Enclosed is a summary which lists the investigation findings.

By letter dated June 21, 2017, the TCEQ Houston Region Office requested that you submit information to us within 30 days of its receipt verifying that the outstanding alleged violation referenced in the enclosed summary has been corrected.

The TCEQ appreciates your assistance in this matter and looks forward to receiving your response. 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 February 27, 2017**

OUTSTANDING ALLEGED VIOLATION

The following alleged violation was noted during the investigation conducted on January 30, 2017 and remains outstanding:

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 is requested to document daily inspections of daily cover and submit documentation to the TCEQ Houston Region Office to verify compliance.

MSW PA_1505A_CO_20170217_Investigation Report
Texas Commission on Environmental Quality
Investigation Report

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

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

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

Investigation # 1396214

Incident Numbers

252536	252552
252517	252543
252521	252518
252499	252519
252561	252554
252557	252526
252558	252520
252563	252559
252567	252500
252537	252539
252568	252527
252523	252532
252549	252541
252569	252528
252533	252544
252512	252534
252524	252555
252571	252548
252513	252550
252542	252551
252560	252562
252525	252515
252553	252566
252538	252516
252522	252556

Investigator: RICHARD BLACKNEY

Site Classification TYPE 1

Conducted: 02/17/2017 -- 06/26/2017

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**2/17/2017 to 6/26/2017 Inv. # - 1396214****Page 2 of 6**

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

Other Staff Member(s):

Role	Name
Supervisor	ALMA JEFFERSON
QA Reviewer	TOM COLLINS

Associated Check List

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

Investigation Comments:**INTRODUCTION**

On February 14, 15, 16, 17, 20, 21, 22, 23, 24, 27 and 28, 2017, the Texas Commission on Environmental Quality Houston Region Office Waste Section (TCEQ Houston) received 242 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 February 14, 15, 16, 17, 18, 20, 21, 22, 24, 26 and 27, 2017.

Mr. Richard Blackney, Environmental Investigator of TCEQ Houston, conducted odor surveys in the area surrounding BRL on February 17 and 27, 2017 and conducted an unannounced Odor Complaint Investigation at BRL on February 27, 2017.

BACKGROUND

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.

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

GENERAL FACILITY AND PROCESS INFORMATION

BRL's authorization numbers from the TCEQ Central Registry database are included in Attachment 1. BRL is a Type I landfill which is authorized to operate by TCEQ Municipal Solid Waste (MSW) Permit No. 1505A.

The landfill is authorized to 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

BLUE RIDGE LANDFILL - FRESNO

2/17/2017 to 6/26/2017 Inv. # - 1396214

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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. 252499, 252500, 252512, 252513, 252515, 252516, 252517, 252518, 252519, 252520, 252521, 252522, 252523, 252524, 252525, 252526, 252527, 252528, 252532, 252533, 252534, 252536, 252537, 252538, 252539, 252541, 252542, 252543, 252544, 252548, 252549, 252550, 252551, 252552, 252553, 252554, 252555, 252556, 252557, 252558, 252559, 252560, 252561, 252562, 252563, 252566, 252567, 252568, 252569, 252571, 252573, 252575, 252577, 252578, 252579, 252580, 252581, 252582, 252583, 252584, 252585, 252586, 252587, 252588, 252589, 252592, 252593, 252594, 252595, 252596, 252598, 252599, 252600, 252602, 252603, 252604, 252605, 252628, 252629, 252630, 252631, 252632, 252633, 252634, 252635, 252637, 252638, 252639, 252640, 252641, 252642, 252643, 252644, 252645, 252646, 252647, 252648, 252649, 252650, 252651, 252652, 252653, 252655, 252657, 252659, 252660, 252662, 252664, 252665, 252666, 252667, 252668, 252669, 252670, 252672, 252673, 252674, 252743, 252745, 252746, 252752, 252754, 252756, 252759, 252760, 252761, 252762, 252766, 252959, 252963, 252965, 252966, 252967, 252990, 252991, 253046, 253047, 253051, 253055, 253056, 253057, 253061, 253063, 253066, 253198, 253199, 253200, 253201, 253202, 253203, 253204, 253206, 253208, 253209, 253211, 253212, 253213, 253214, 253215, 253219, 253221, 253223, 253225, 253226, 253227, 253229, 253230, 253232, 253234, 253235, 253236, 253237, 253238, 253241, 253243, 253244, 253246, 253248, 253249, 253251, 253252, 253253, 253254, 253263, 253265, 253266, 253267, 253269, 253270, 253271, 253273, 253274, 253275, 253277, 253278, 253279, 253280, 253281, 253282, 253283, 253284, 253285, 253286, 253287, 253288, 253289, 253290, 253291, 253296, 253298, 253299, 253300, 253302, 253307, 253310, 253311, 253312, 253314, 253315, 253317, 253318, 253321, 253323, 253382, 253383, 253384, 253386, 253388, 253391, 253393, 253500, 253502, 253504, 253505, 253507, 253511, 253514, 253517, 253520, 253597 and 253599). Some of the incidents for this complaint are included in Data Maintenance File Review Nos. 1396216, 1396230, 1396259 and 1396260.

Description of Alleged Effects:

Headache, nausea, dizziness, breathing discomfort, and burning of the eyes were alleged as occurring due to the odors.

Meteorological data at the time of the February 17, 2017 odor survey:

Resultant Wind direction: East-Southeast

Resultant Wind Speed: 4.3 to 4.5 mph

Outdoor Temperature: 63.3 to 63.4 °F

Meteorological data at the time of the February 27, 2017 odor survey:

Resultant Wind direction: South-Southeast

Resultant Wind Speed: 14.1 mph

Outdoor Temperature: 78.9 °F

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

Odor Survey (OS):

On February 17, 2017, the investigator arrived at the first survey point located at the intersection of FM 2234 and S. Post Oak Rd in Houston. OS No. 1 took place crosswind of BRL and was conducted at 11:10 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 on the 16600 block of W Ripple Ridge Drive in Houston. OS No. 2 took place crosswind of BRL and was conducted at 11:28 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 at the intersection of Blue Ridge Rd and FM 2234 in Houston. OS No. 3 took place downwind of BRL and was conducted at 11:47 a.m. No landfill odors were detected during the 15 minutes spent at OS site No. 3.

The investigator went to OS site No. 4 located at the intersection of Chimney Rock Road and FM 2234 in Houston. OS No. 4 took place downwind of BRL and was conducted at 12:06 p.m. No landfill odors were detected during

BLUE RIDGE LANDFILL - FRESNO

2/17/2017 to 6/26/2017 Inv. # - 1396214

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the five minutes spent at OS site No. 4.

On February 27, 2017, the investigator went to OS site No. 5 located on the 16600 block of W Ripple Ridge Drive in Houston. OS No. 5 took place downwind of BRL and was conducted at 1:08 p.m. Odors typical of landfill garbage were detected during four of the 15 minutes spent at OS site No. 5, averaging to very light.

Aerial view maps of the OS locations and the OS logs are included in Attachment 2.

Summary of on-site investigation:

Following the odor survey conducted on February 27, 2017, the investigator arrived at BRL, and met with Mr. Matt Montagna, Landfill Operations Manager, and Mr. Burgess Stengl, Environmental Manager, to whom the purpose and scope of the investigation were explained.

BRL 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 February 2017 (Attachment 3).

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

Description of Odor:

Odors typical of landfill garbage were detected during the February 27, 2017 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 also detected during odor surveys conducted on January 23 and 30, 2017, the frequency of odors documented by the investigator was a "monthly" occurrence. According to FIDO protocol, a nuisance condition was not confirmed.

SUMMARY OF INVESTIGATION FINDINGS

OUTSTANDING ALLEGED VIOLATION

The following alleged violation was noted during the investigation conducted on January 30, 2017 and remains outstanding:

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 is requested to document daily inspections of daily cover and submit documentation to the TCEQ Houston Region Office to verify compliance.

OUTSTANDING ALLEGED VIOLATION(S)

Track Number: 645984

Compliance Due Date: To Be Determined

Violation Start Date: Unknown

30 TAC Chapter 330.121(a)

PERMIT 1505A, Site Operating Plan 4.18.2

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.

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

Signed

Richard Bladney
Environmental Investigator

Date

6-30-2017

Signed

Alma L. Jefferson
Supervisor

Date

06/30/2017

BLUE RIDGE LANDFILL - FRESNO

2/17/2017 to 6/26/2017 Inv. # - 1396214

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Attachments: (in order of final report submittal)

___ Enforcement Action Request (EAR)

☒ Letter to Facility (specify type): additional

Investigation Report

___ Sample Analysis Results

___ Manifests

___ Notice of Registration

☒ Maps, Plans, Sketches

___ Photographs

___ Correspondence from the facility

☒ Other (specify):

See list of attachments

MSW PA_1505A_CO_20170217_Investigation Report
Texas Commission on Environmental Quality
Investigation Report

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

Regulated Entity Name: BLUE RIDGE LANDFILL

Regulated Entity Number: RN102610102

Investigation # 1396216

Incident Numbers

252578	252592
252579	252599
252641	252647
252600	252573
252585	252586
252631	252595
252628	252650
252632	252643
252594	252633
252596	252602
252644	252580
252634	252648
252651	252629
252642	252575
252581	252635
252603	252587
252630	252593
252604	252582
252637	252605
252638	252583
252645	252588
252584	252589
252639	252577
252646	252649
252598	252640

Investigator: RICHARD BLACKNEY

Site Classification TYPE 1

Conducted: 02/17/2017 -- 06/26/2017

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

RESPONDENT

Name

BLUE RIDGE LANDFILL TX LP

Contact(s):

BLUE RIDGE LANDFILL - FRESNO

2/17/2017 to 6/26/2017 Inv. # - 1396216

Page 2 of 2

Role	Title	Name	Phone
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Other Staff Member(s):

Role	Name
Supervisor	ALMA JEFFERSON

Associated Check List

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

This Data Maintenance File Review was created to associate additional incidents for Investigation No. 1396214.

No Violations Associated to this Investigation

Signed Richard Bladon
Environmental Investigator

Date 6-30-2017

Signed Alma L. Jefferson
Supervisor

Date 06/30/2017

Attachments: (in order of final report submittal)

___ Enforcement Action Request (EAR)

___ Maps, Plans, Sketches

___ Letter to Facility (specify type) : _____

___ Photographs

___ Investigation Report

___ Correspondence from the facility

___ Sample Analysis Results

___ Other (specify) : _____

___ Manifests

___ Notice of Registration

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Texas Commission on Environmental Quality
Investigation Report

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

Regulated Entity Name: BLUE RIDGE LANDFILL

Regulated Entity Number: RN102610102

Investigation # 1396230

Incident Numbers

252666	253046
252657	253198
252760	253061
252667	252966
253056	252752
253063	252756
252743	253201
252674	252967
252655	253051
252761	252672
252673	253066
253199	252659
252668	252670
252766	252990
253057	252746
253200	253202
252652	252963
252660	253047
253203	252665
252754	252662
252669	253055
252965	252762
252745	252759
252959	252991
252653	252664

Investigator: RICHARD BLACKNEY

Site Classification TYPE 1

Conducted: 02/17/2017 -- 06/26/2017

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):

BLUE RIDGE LANDFILL - FRESNO

2/17/2017 to 6/26/2017 Inv. # - 1396230

Page 2 of 2

Role	Title	Name	Phone
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Other Staff Member(s):

Role	Name
Supervisor	ALMA JEFFERSON

Associated Check List

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

This Data Maintenance File Review was created to associate additional incidents for Investigation No. 1396214.

No Violations Associated to this Investigation

Signed

Richard Blackney
Environmental Investigator

Date

6-30-2017

Signed

Alma L. Jefferson
Supervisor

Date

06/30/2017

Attachments: (in order of final report submittal)

___ Enforcement Action Request (EAR)

___ Letter to Facility (specify type) : _____

___ Investigation Report

___ Sample Analysis Results

___ Manifests

___ Notice of Registration

___ Maps, Plans, Sketches

___ Photographs

___ Correspondence from the facility

___ Other (specify) : _____

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Texas Commission on Environmental Quality
Investigation Report

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

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

Investigation # 1396259

Incident Numbers

253277	253231
253209	253282
253226	253229
253243	253275
253238	253273
253251	253227
253235	253248
253252	253211
253279	253265
253253	253214
253236	253212
253244	253206
253254	253219
253267	253270
253225	253230
253204	253232
253281	253221
253263	253246
253274	253215
253237	253266
253280	253278
253269	253208
253234	253271
253249	253241
253223	253213

Investigator: RICHARD BLACKNEY

Site Classification TYPE 1

Conducted: 02/17/2017 -- 06/26/2017

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):

BLUE RIDGE LANDFILL - FRESNO

2/17/2017 to 6/26/2017 Inv. # - 1396259

Page 2 of 2

Role	Title	Name	Phone
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Other Staff Member(s):

Role	Name
Supervisor	ALMA JEFFERSON

Associated Check List

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

This Data Maintenance File review was created to associate additional incidents to Investigation No. 1396214.

No Violations Associated to this Investigation

Signed

Richard Blackey
Environmental Investigator

Date

6-30-2017

Signed

Alma L. Jefferson
Supervisor

Date

06/30/2017

Attachments: (in order of final report submittal)

___ Enforcement Action Request (EAR)

___ Letter to Facility (specify type) : _____

___ Investigation Report

___ Sample Analysis Results

___ Manifests

___ Notice of Registration

___ Maps, Plans, Sketches

___ Photographs

___ Correspondence from the facility

___ Other (specify) : _____

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Texas Commission on Environmental Quality
Investigation Report

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

Regulated Entity Name: BLUE RIDGE LANDFILL

Regulated Entity Number: RN102610102

Investigation # 1396260

Incident Numbers

253288	253500
253514	253302
253317	253286
253312	253597
253505	253520
253599	253289
253323	253296
253283	253502
253507	253285
253307	253384
253391	253314
253290	253298
253318	253517
253311	253382
253291	253386
253284	253511
253287	253504
253299	253315
253393	253388
253383	253300
253310	253321

Investigator: RICHARD BLACKNEY

Site Classification TYPE 1

Conducted: 02/17/2017 -- 06/26/2017

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
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BLUE RIDGE LANDFILL - FRESNO

2/17/2017 to 6/26/2017 Inv. # - 1396260

Page 2 of 2

Other Staff Member(s):

Role

Supervisor

Name

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. 1396214.

No Violations Associated to this Investigation

Signed

Richard Blackney
Environmental Investigator

Date

6-30-2017

Signed

Alma L. Jefferson
Supervisor

Date

06/30/2017

Attachments: (in order of final report submittal)

___ Enforcement Action Request (EAR)

___ Letter to Facility (specify type) : _____

___ Investigation Report

___ Sample Analysis Results

___ Manifests

___ Notice of Registration

___ Maps, Plans, Sketches

___ Photographs

___ Correspondence from the facility

___ Other (specify) : _____

**Blue Ridge Landfill
2200 F.M. 521, Fresno (Fort Bend County), TX 77545
Municipal Solid Waste Permit No. 1505A
MSW Complaint Investigation
Conducted on February 17 and 27, 2017**

List of Attachments

Attachment 1	Blue Ridge Landfill information from the TCEQ Central Registry Database
Attachment 2	Meteorological Information, Map of Odor Survey locations and Odor Logs
Attachment 3	February 2017 Cover Log

ATTACHMENT 1

[Questions or Comments >>](#)
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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

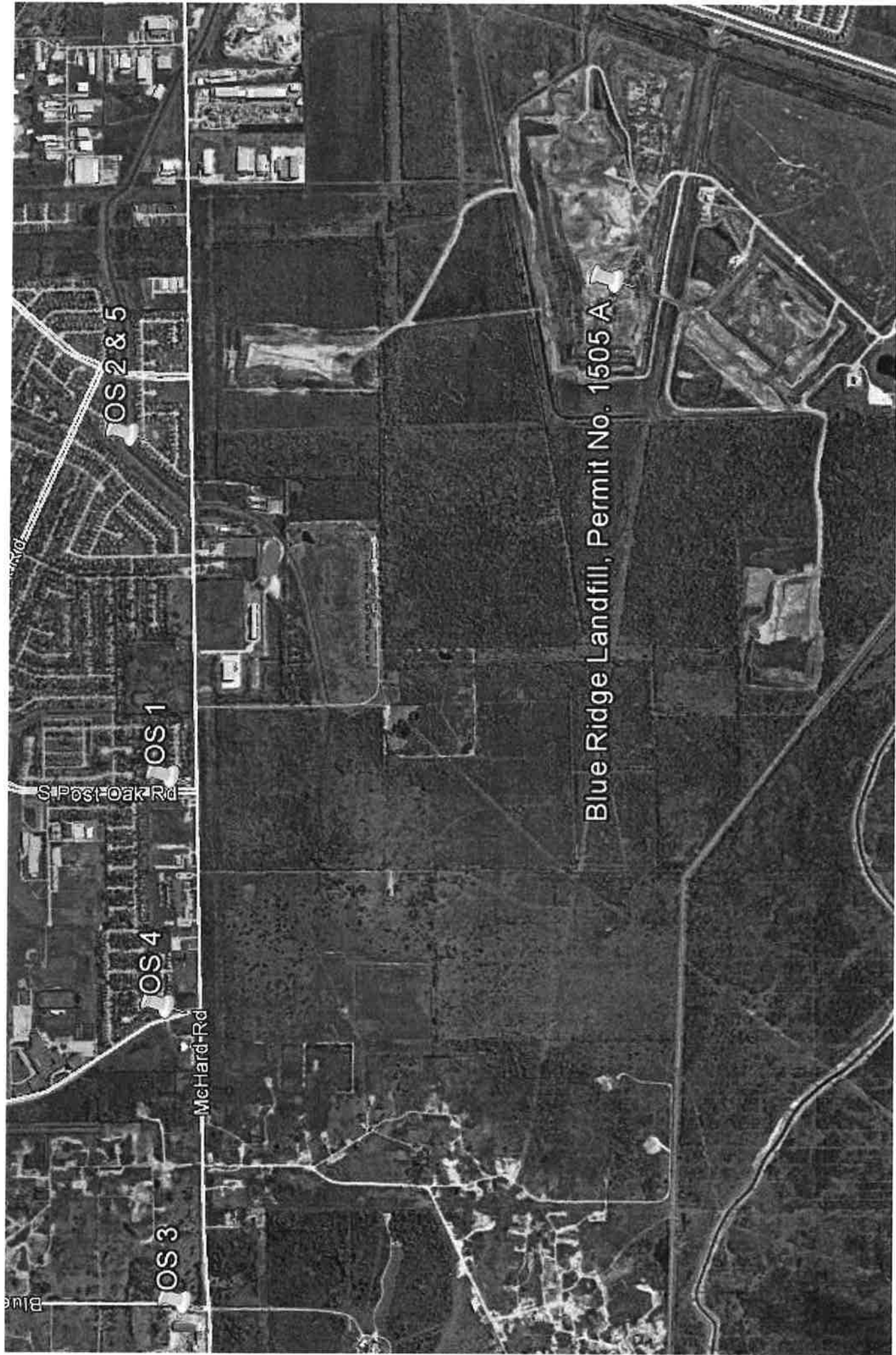
Permits, Registrations, or Other Authorizations

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 2




**TEXAS COMMISSION
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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:

February 17 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 Friday, February 17, 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	-0.2	-0.2	-0.2	-0.1	-0.2	1.3	0.6	1.4	14.0	2.4	1.4	1.7	0.6	0.5	0.2	0.1	0.4	0.2	-0.1	-0.1	-0.1	-0.1	-0.2	-0.1	Nitric Oxide
Nitrogen Dioxide	11.4	7.4	7.1	7.8	15.3	28.6	27.9	18.6	27.1	13.6	12.8	11.7	9.8	10.8	7.8	6.0	5.0	5.0	6.9	4.6	3.8	3.9	3.4	4.7	Nitrogen Dioxide
Oxides of Nitrogen	11.2	7.3	7.1	7.8	15.1	29.8	28.3	19.9	40.8	16.0	14.1	13.3	10.4	11.3	8.0	6.1	5.5	5.2	6.9	4.6	3.7	3.8	3.3	4.6	Oxides of Nitrogen
Ozone	31	33	31	27	21	10	6	10	9	25	27	26	29	25	30	32	35	36	31	34	36	35	33	29	Ozone
Wind Speed	1.9	3.3	1.9	1.3	0.3	0.7	1.2	1.2	3.6	5.7	4.6	4.4	4.9	3.6	6.9	7.1	7.2	7.7	5.4	7.4	7.0	5.8	4.1	4.2	Wind Speed
Resultant Wind Speed	1.9	3.3	1.8	1.3	0.3	0.7	0.6	0.9	3.5	5.6	4.2	4.3	4.5	2.0	6.3	6.9	6.9	7.5	5.2	7.2	6.9	5.6	4.1	4.1	Resultant Wind Speed
Resultant Wind Direction	173	177	159	148	110	123	54	2	80	105	108	93	105	62	125	94	98	109	113	115	116	107	107	116	Resultant Wind Direction
Maximum Wind Gust	4.0	4.8	4.7	3.9	1.5	4.1	5.0	3.7	7.7	11.4	10.7	9.1	11.4	8.8	15.6	13.9	16.2	19.0	10.9	15.8	16.2	10.1	8.7	7.7	Maximum Wind Gust
Std. Dev. Wind Direction	17	8	8	9	26	15	60	44	16	12	22	14	23	54	24	12	16	13	15	13	13	13	10	13	Std. Dev. Wind Direction
Outdoor Temperature	51.0	50.6	50.6	50.7	51.9	53.4	53.9	53.8	56.6	60.3	63.1	63.3	63.4	62.1	61.4	61.0	61.5	61.2	59.9	60.3	59.3	58.6	58.4	57.6	Outdoor Temperature
Internal Station Temperature	65.3	63.8	63.1	62.7	62.6	62.8	63.3	64.1	65.3	67.3	70.1	72.1	73.5	74.1	74.0	73.6	73.8	75.0	74.5	73.6	72.9	72.1	71.3	70.9	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
x.xx	Indicates the data has been validated.																								
x.xx	Indicates the internal temperature is below the recommended lower limit. a - This site uses a recommended lower limit of 77 degrees Fahrenheit for this monitor.																								
Maximum values for each parameter are bold within the table. Minimum values are bold italic .																									
R - Data from this instrument meets EPA quality assurance criteria for regulatory purposes.																									

Previous Day

February 16, 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	27.8	8:00 am	-0.3	4:00 am
Nitrogen Dioxide	1 R	24.5	8:00 am	2.4	4:00 pm
Oxides of Nitrogen	1	52.0	8:00 am	2.5	2:00 pm
Ozone	1 R	58	4:00 pm	0	6:00 am
Wind Speed	1	8.1	5:00 pm	0.7	Midnite
Resultant Wind Speed	1	7.9	6:00 pm	0.3	2:00 pm
Resultant Wind Direction	1	349	9:00 am	9	2:00 pm
Maximum Wind Gust	1	15.8	5:00 pm	2.5	6:00 am
Std. Dev. Wind Direction	1	77	2:00 pm	6	8:00 pm
Outdoor Temperature	1	65.7	3:00 pm	43.2	6:00 am
Internal Station Temperature	1	82.6	3:00 pm	54.0	7:00 am


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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

Month: Day: Year: Time Format:

February 27 2017 12 Hour (AM/PM)

☒ 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 **Monday, February 27, 2017**. All times shown are in CST.

Parameter Measured	Morning												Afternoon												Pa Me
	Mid	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	Noon	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	
Nitric Oxide	-0.0	-0.1	0.0	0.1	-0.2	0.2	0.5	1.1	1.2	0.5	0.1	0.4	PMA	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	-0.1	0.1	-0.0	Nitr
Nitrogen Dioxide	2.1	1.2	1.0	1.2	1.9	10.0	12.9	11.2	6.6	4.0	2.0	2.3	PMA	2.0	1.7	2.3	2.3	2.6	5.0	4.5	4.7	1.5	1.2	1.1	Nitr Dio
Oxides of Nitrogen	1.9	0.9	0.8	1.1	1.5	9.9	13.2	12.1	7.6	4.3	1.9	2.4	PMA	2.0	1.7	2.2	2.3	2.5	5.0	4.4	4.6	1.2	1.1	0.9	Oxide Nitr
Ozone	35	32	30	27	25	15	12	13	21	28	34	34	PMA	33	33	33	31	28	22	20	20	24	24	24	Ozo
Wind Speed	10.1	11.0	9.0	5.7	4.8	2.5	3.3	4.1	6.9	8.6	9.2	9.7	12.1	14.5	13.8	14.1	14.2	13.0	11.0	9.9	9.0	10.6	10.6	10.2	Win
Resultant Wind Speed	9.9	10.9	8.9	5.5	4.7	2.5	3.2	4.0	6.8	8.3	9.0	9.4	11.8	14.1	13.5	13.8	13.9	12.8	10.9	9.8	8.8	10.4	10.4	10.1	Res Win
Resultant Wind Direction	158	161	162	173	171	152	138	145	150	158	176	163	161	162	168	160	157	158	149	149	154	169	167	165	Res Win Dire
Maximum Wind Gust	16.8	18.4	15.7	12.3	8.6	6.0	5.8	6.5	12.3	15.1	17.2	17.6	20.2	22.7	21.4	23.3	22.6	20.9	18.0	15.4	13.9	20.1	17.8	17.7	Max Win
Std. Dev. Wind Direction	11	9	9	13	10	12	11	13	11	15	13	15	12	14	12	12	11	10	10	9	10	10	10	9	Std. Win Dire
Outdoor Temperature	68.3	68.9	69.0	69.1	69.4	68.9	68.6	69.0	70.4	73.3	75.7	76.9	78.4	78.9	79.5	78.1	76.9	74.9	72.5	70.9	71.3	71.5	71.3	71.4	Out Tem
Internal Station Temperature	81.7	81.5	82.0	82.1	82.1	82.0	81.8	82.2	83.1	83.3	83.5	85.2	85.8	84.0	83.9	83.5	83.5	83.2	83.1	83.1	83.1	83.2	83.4	83.4	Inte Stat Ten
Parameter Measured	Morning												Afternoon												Pa Me
	Mid	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	Noon	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	
x.xx Indicates the data has been validated.																									
Maximum values for each parameter are bold within the table. Minimum values are bold italic .																									
R - Data from this instrument meets EPA quality assurance criteria for regulatory purposes.																									

Previous Day

February 26, 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	0.7	8:00 am	-0.2	6:00 am
Nitrogen Dioxide	1 R	18.4	Midnite	2.0	2:00 pm
Oxides of Nitrogen	1	18.3	Midnite	1.7	9:00 pm
Ozone	1 R	55	Noon	6	2:00 am
Wind Speed	1	17.4	1:00 pm	0.4	3:00 am
Resultant Wind Speed	1	17.0	1:00 pm	0.4	3:00 am
Resultant Wind Direction	1	171	11:00 pm	37	2:00 am
Maximum Wind Gust	1	28.1	1:00 pm	3.1	3:00 am
Std. Dev. Wind Direction	1	22	11:00 pm	7	4:00 am
Outdoor Temperature	1	72.6	Noon	51.1	2:00 am
Internal Station Temperature	1	83.2	1:00 pm	62.2	4:00 am

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

OS#1

FM 2234 + ~~Mellard Rd~~
S. Post Oak

Supplemental Investigator's Odor Intensity Time Log

Date of Investigation: 2-17-17 Start Time: 11:10 am

Minutes	Odor Intensity VL, L, M, S, VS
1 min	
2	
3	
4	
5	
6	
7	
8	
9	
10	no odor
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	
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						

OS#2

16600 / ~~14600~~
block of

Ripple Ridge

Supplemental Investigator's Odor Intensity Time LogDate of Investigation: 2-17-17 Start Time: 11:28 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	no odor
29	" "
30	" "

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

05#3

Blue Ridge Rd & FM 2234

Supplemental Investigator's Odor Intensity Time Log

Date of Investigation: 2-17-17 Start Time: 11:47

Minutes	Odor Intensity VL, L, M, S, VS
1 min	11 "
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	
43	
44	
45	
46	
47	no odor
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						

OS #4

Quail

Chimney Rock &
FM 2234

Supplemental Investigator's Odor Intensity Time Log

Date of Investigation: 2-17-17 Start Time: 12:06 pm

Minutes	Odor Intensity VL, L, M, S, VS
1 min	
2	
3	
4	
5	
6	no odor
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	
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						

OS#5

10600 block Ripple Ridge

Supplemental Investigator's Odor Intensity Time Log

Date of Investigation: 2-27-17 Start Time: 1:08

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

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

Offensiveness: Highly _____ Offensive X Unpleasant _____ Not Unpleasant _____

Weighted Average Intensity:

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

ATTACHMENT 3

COVER APPLICATION LOG

Daily Cover		Approver Alternate Daily Cover		Elevation	Inspection Date of Daily Cover	Erosion or Leachate Seep Detected	Corrective Action	Soil Stockpile Required (yd ³)	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	Grid Area	T ²	Method	MSL	Inspected	Yes					AMT	Grid Area	T ²	Method	AMT	Grid Area	T ²	Method	Inspected	Yes					
1	600	48-48	6"	B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	600	48-48	6"	B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	600	48-48	6"	B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	600	48-48	6"	B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	600	48-48	6"	B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	600	48-48	6"	B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	600	48-48	6"	B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	600	48-48	6"	B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	600	48-48	6"	B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	600	48-48	6"	B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	600	48-48	6"	B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	600	48-48	6"	B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	600	48-48	6"	B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	600	48-48	6"	B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	600	48-48	6"	B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	600	48-48	6"	B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	600	48-48	6"	B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	600	48-48	6"	B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	600	48-48	6"	B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	600	48-48	6"	B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	600	48-48	6"	B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	600	48-48	6"	B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	600	48-48	6"	B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	600	48-48	6"	B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	600	48-48	6"	B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	600	48-48	6"	B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	600	48-48	6"	B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	600	48-48	6"	B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	600	48-48	6"	B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	600	48-48	6"	B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	600	48-48	6"	B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

T = Thickness in inches

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

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

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

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

SOP Section 7.7.4 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 yd³ soil stockpile is required within 100ft of the Regulated Asbestos-Containing Material (RACM) disposal area.

Signature certifies work accomplished as stated in the Cover Application Log