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 # 1558665

Incident Numbers

 307899
 307930

 307938
 307936

 308251
 307928

 307912
 307904

 307932
 307819

 308250
 307921

Investigator:

ISAIAH LONGORIA

Site Classification

Conducted: 05/09/2019 -- 05/09/2019

NAIC Code: 562212 NAIC Code: 486210 SIC Code: 4922 SIC Code: 4953 SIC Code: 1521

Program(s):

WASTEWATER

Investigation Type: Compliance Investigation

Location: LOCATED ON 2200 FM 521

Additional ID(s):

TXR05S302

1505A

Address: 2200 FM 521 RD,

FRESNO, TX, 77545

Local Unit: REGION 12 - HOUSTON

Activity Type(s): WWCMPL - WW Complaint

Principal(s):

Role

Name

RESPONDENT

BLUE RIDGE LANDFILL TX LP

Contact(s):

Role

Title

Name

Phone

Other Staff Member(s):

Role

Name

QA Reviewer Investigator ROSS EGLAND

Investigator

DUSTIN ROBERTS CHRISTIAN EUBANKS

Supervisor

KIMBERLY RHODES

Associated Check List

Checklist Name

<u>Unit Name</u>

WQ COMPLAINT INVESTIGATION

complaint - 1558665

Investigation Comments:

INTRODUCTION

The Texas Commission on Environmental Quality (TCEQ) Houston Region Office received one complaint (Incident No. 307819) on April 29, 2019, and 11 complaints on May 6, 2019 (Incident Nos. 307899,307904, 307912, 307921, 307928, 307930, 307932, 307936, 307938, 308251, and 308250) alleging odors from the Blue Ridge Landfill (BRL) located at 2200 Farm to Market (FM) 521 Road, Fresno (Fort Bend County), Texas 77545.

On May 9, 2019, Mr. Christian Eubanks and Mr. Dustin Roberts, Environmental Investigators of the TCEQ Houston Region Office Water Section, conducted odor surveys in the area surrounding BRL.

BACKGROUND

A Notice of Enforcement was issued to BRL on October 21, 2016 for failure to prevent nuisance odor conditions. On July 12, 2017, Agreed Order Docket No. 2016-1923-AIR-E was signed by the TCEQ. By letter dated April 10, 2018, the TCEQ Enforcement Division approved BRL Odor Control Plan, thus requiring BRL to implement all provisions of the plan in accordance with the approved schedule.

GENERAL FACILITY AND PROCESS INFORMATION

BRL is a Type I landfill which is authorized to operate by TCEQ Municipal Solid Waste (MSW) Permit No. 1505A.

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

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

Meteorological data at the time of the odor survey (May 9, 2019, 11:30 am - 3:00 pm):

Wind Direction: approximately south-southeast (SSE) to south-southwest (SSW) (147 - 213 degrees)

Wind Speed: 3.4 - 4.5 miles per hour (mph)

Outdoor Temperature: 92 - 93.9 degrees Fahrenheit

Meteorological data taken from TCEQ's continuous air monitoring station (CAMS) Manvel Croix Park C84 weather station (Attachment 1) for May 9, 2019.

ODOR SURVEYS:

Mr. Eubanks conducted Odor Survey (OS) No. 1 at 11:30 a.m. at the intersection of Windward Bay Drive and Bailey Springs Lane (Attachment 2, Location 1). No odors were detected during the 60 minutes spent at OS No. 1 (Attachment 3, Log 1).

Mr. Eubanks conducted OS No. 2 at 12:45 p.m. at the intersection of Golden Creek Lane and Shallow Falls Lane (Attachment 2, Location 2). No odors were detected during the 60 minutes spent at OS No. 2 (Attachment 3, Log 2).

Mr. Roberts conducted OS No. 3 at 11:35 a.m., at the intersection of Longlake Drive and Mountain Sage Drive (Attachment 2, Location 3). No odors were detected during the 60 minutes spent at OS No. 3 (Attachment 3, Log 3).

Mr. Roberts conducted OS No. 4 at 12:40 p.m. at Tarpon Bay Court (Attachment 2, Location 4). No odors were

BLUE RIDGE LANDFILL - FRESNO

5/9/2019 Inv. # - 1558665

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detected during the 60 minutes spent at OS No. 4 (Attachment 3, Log 4).

Mr. Eubanks conducted OS No.5 at 2:00 p.m. at the intersection of McHard Road and Amy Ridge Road (Attachment 2, Location 5). No odors were detected during the 60 minutes spent at OS No. 5 (Attachment 3, Log 5).

CONCLUSION

According to the TCEQ Frequency, Intensity, Duration, and Offensiveness (FIDO) protocol, nuisance odor conditions were not confirmed during the investigation conducted on May 9, 2019. The complaints are closed.

No Violations Associated to this Investigation

Signed Environmental Investigator	Date 7 4
Signed Mm Phodos Supervisor	Date 7/1/19
Attachments: (in order of final report sub	mittal)
Enforcement Action Request (EAR)	Maps, Plans, Sketches
Letter to Facility (specify type): 6	Photographs
Investigation Report	Correspondence from the facility
Sample Analysis Results	$\underline{\checkmark}$ Other (specify):
	c 1 1
Manifests	- See LIST

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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

July 2, 2019

Scott Trebus Area Environmental Manager Post Office Box 879 Fresno, Texas 77545-0879

Re:

General Compliance for Complaint Investigation at:

Blue Ridge Landfill located at 220 FM 521 Road, Fresno (Fort Bend County), Texas

Regulated Entity No.: 102610102, Investigation No.: 1558665

Dear Mr. Trebus:

On May 9, 2018, Mr. Christian Eubanks and Mr. Dustin Roberts, Environmental Investigators of the Texas Commission on Environmental Quality (TCEQ) Houston Region 12 Office, conducted an investigation of the above-referenced regulated entity to evaluate compliance with applicable requirements for wastewater treatment. No compliance issues were noted. No further action is required regarding 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. Isaiah Longoria in the Houston Region Office at 713-767-3698.

Sincerely,

Kimberly Rhodes Team Leader

Water Quality

Houston Region Office

Blue Ridge Landfill 2200 FM 521 Road, Fresno (Fort Bend County)

RN: 102610102

Investigation No. 1558665

Incident Nos. 307819 307899, 307904, 307912, 307921, 307928, 307930, 307932, 307936,

307938, 308250, and 308251 Odor Survey Investigation May 9, 2019

LIST OF ATTACHMENTS

ATTACHMENT 1

Meteorological Data

ATTACHMENT 2

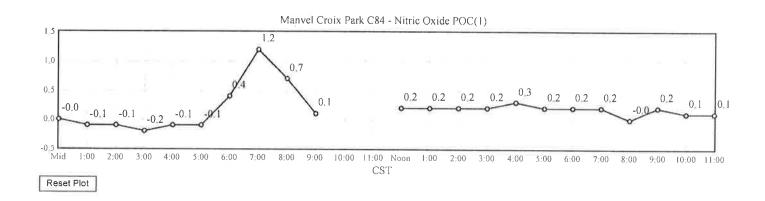
Odor Survey Map

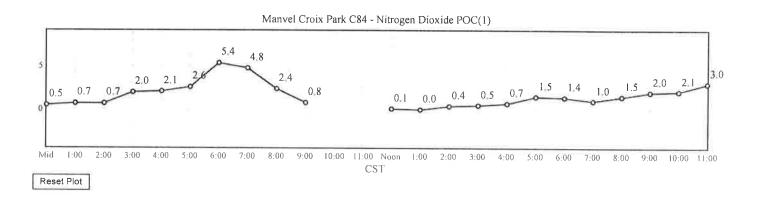
ATTACHMENT 3

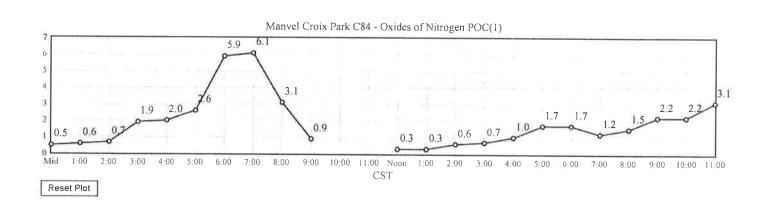
Odor Logs

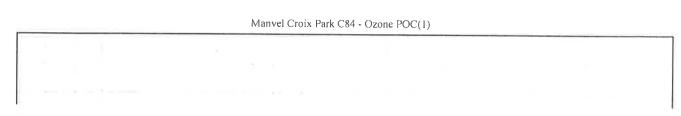


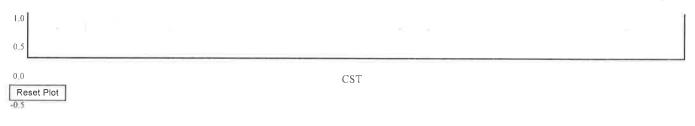
Manvel Croix Park C84 Daily Summary Plot Thursday, May 9, 2019



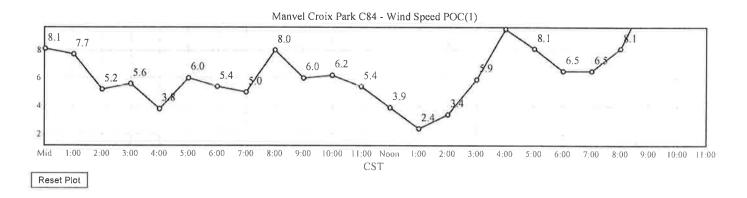


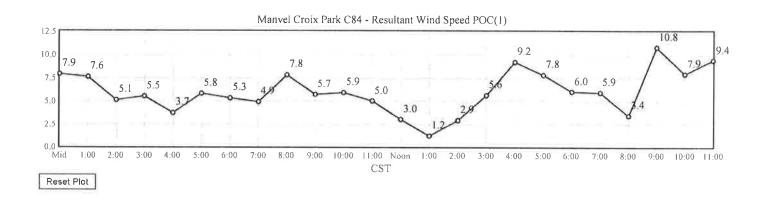


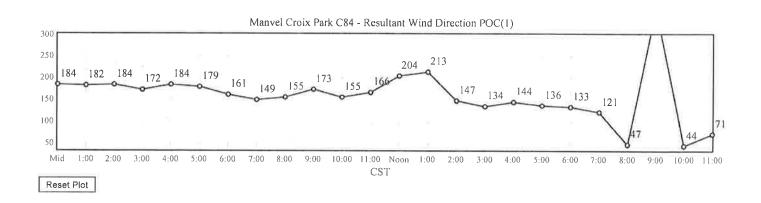




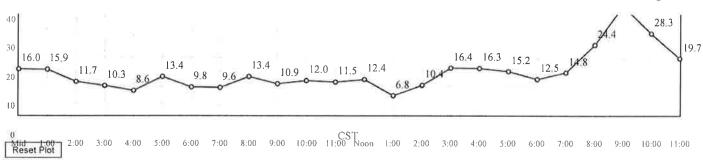


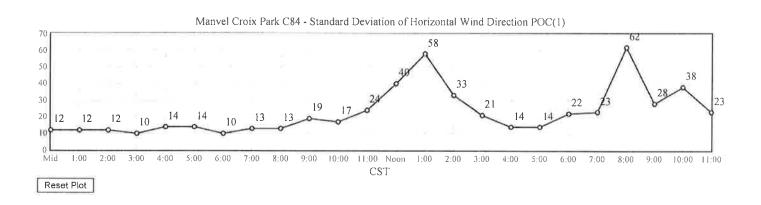


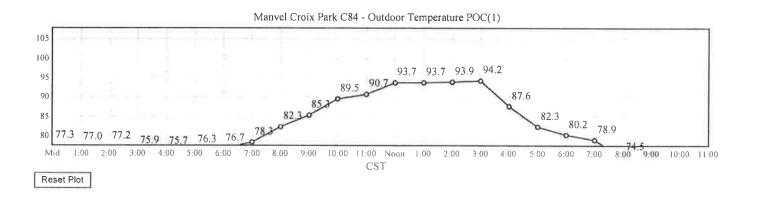














Area and Survey Location Map

Shadow Creek Subdivision Area



		Latitude	Longitude
Location 1:	Corner of Windward Bay Dr. and Bailey Springs Lane	29.5515	-95.4349
Location 2:	Corner of Golden Creek Lane and Shallow Falls Lane	29.5605	-95.4235
Location 3:	Corner of Longlake Drive and Mountain Sage Drive	29.5644	-95.4368
Location 4:	Tarpon Bay Court	29.5764	-95.4261
Location 5:	Corner of McHard Road and Amy Ridge Road	29.5814	-95.4615

Attachment 3

Locy 1

Supplemental Investigator's Odor Intensity Time Log

Supplement		
Investigator: Christian Eubanics	Location:	
Investigator. Civis	Start Time: 11:30 am	
Date of Investigation: 05/09/19	Start Time	

1 min 2 3 4	No Odor No Odor
3	No Odor
4	
	No Ofor
5	No DOOF
6	No 0800
7	No Odor
8	No Odor
9 .	No Ofor
10	No Odor
11	No do
12	NO DOO
13	No 0801
14	No 0/01
15	No 0000
16	No Ofor
17	No 0.000
18	No 000
19	NO 0/01/
20	No 0004
21	No Dol
22	No Doc
23	No Odor
24	No 990
25	No 392
26	No Ola
27	No 5991
28	No 992
29	No Odor

Minutes	Odor Intensity VL, L, M, S, VS
31 min	, ,
32	No ogor
33	No 0901
34	NO STOR
35	NO 0900
36	No 0001
37	NODDON
38	NODOW
39	Nodow.
10	Noodor
11	No OSW
12	No 9900
13	No Odor
14	· No Door
15	No Obor
6	NO 0800
7	No 0801
.8	NO 992
9	No Ofor
0	No 0901
1	No 090r
2	No, 090L
3	No 010
4	No 090
5	No 0900
6	No 0900
7	NO 08M.
8	No oper
,	No 0900
0	No 0900

	escription: eness: Hi	1	Offensive	Unpleasant	Not U	npleasant
Aralabead	Average In	tensity:			177	No Odor
reigniei		S	M	L	VL	110 0004
1 Min	VS		M	L	VL.	THO OUCK
			M	L	VL	110 Outo

Supplemental Investigator's Odor Intensity Time Log

Investigator: Cho3fico Edocales Location: 2

Date of Investigation: 05/09/19 Start Time: 12:45 pm

Minutes	Odor Intensity VL, L, M, S,VS
min	No Ogoc
	No Ogor
	No 0805
	No ODOC
	No Odor
	1060. OV
	No Oper
	No odor
	No DOOR
0	No odor
1	No Wor
2	No 000
3	No Obol
4	No Obor
5	No 080
6	No obor
7	No odor
3	No 0300
9	NoDdar
0	No odar
1	No 0300
2	NO 0901
3	No Ofor
4	No 0301
5	No odor
6	NO 000
	No Obor
8	No Odor
	No Ogor
0	1/0 000

1 Hour

Minutes	Odor Intensity VL, L, M, S, VS
31 min	N. 030r
32	No Oder
33	No 0801
34	No ofor
35	No Odor
36	No Ogol
37	No Own
38	No Door
39	NO 99N
40	NOOLN
41	No Odor
42	No Ogor
43	No odor
44	Nodor
45	No Door
46	No Odor
47	No 0/or
48	No oder
49	No Odol
50	No Olar
51	No Odor
52	No obar
53	No 09N
54	No. Odor
55	No Ogor
56	No 0900
57	No oda.
58	No ovor
59	No Ofor
60	No Odor

Odor De	escription					
0.0	eness: Hi		Offensive	Unpleasant	Not U	npleasant
Weighted	Average In VS	S	M	L	VL	No Odor
1 Min			M	L	VL	No Odor

Supplemental Investigator's Odor Intensity Time Log
Investigator: No.3 - busicket Markain Sage
Date of Investigation: 5/9/19 Start Time: 11:35 am

Minutes	Odor Intensity VL, L, M, S,VS
1 min	No odar
2	Me agov
3	No shol
4	No odol
5	No solor
6	Noodo
7	Ms oder
3	No odor
9	No odor
ıo	No color
11	Noodor
2	No other
.3	No odor
4	Ne alor
5	No odor
6	Mo odor
7	No odor
.8	No odor
9	No octor
10	No ador
1	No odor
2	No adox
3	No oder
4	No oder
5	No adol
:6	No oder
7	No odol
.8	No color
9	No ador
30	Wo odor

1 Hour

Minutes	Odor Intensity VL, L, M, S, VS
31 min	No odor
32	No ador
33	No oder
34	Ne odov
35	No adox
36	Wo odor
37	No odor
38	No odor
39	Nooder
40	No rolar
41	No odor
42	Nx volor
43	No odoc
44	No odol
45	No ador
46	No odor
47	Noodor
48	We odor
49	No odor
50	No odor
51	No oder
52	No ador
3	No solar
54	No doc
55	NG ODOC
56	No odol
7	W6 odol
8	No odor
9	No odor
60	No oder

Odor De	escription		a a substantial de la company			
Offensiv	eness: Hi	ghly	Offensive	Unpleasant _	Not U	Inpleasant
Weighted	Average In	tensity:				No Odor
	VS	S	M	L	VL	No Odor
ı Min						
10 Min						

Supplemental Investigator's Odor Intensity Time Log
Investigator: No. 4 Teleph Bay Court
Date of Investigation: 5/9/19 Start Time: 13:40 pm

Minutes	Odor Intensity VL, L, M, S,VS
ı min	ho odol
2	Nochor
3	No odor
4	No oder
5	No solor
6	No odor
7	No odlar
8	No oder
9 .	No odol
10	Noodor
11	No odor
12	No odor
13	Noodor
14	No odor
15	No oder
16	Ne odor
17	No solor
18	No oder
19	Ne odlar
20	No color
21	No odor
22	No odge
23	No oger
24	No odor
25	No oday
26	No oder
27	No odor
28	No octor
29	No 0001
30	NO oder

Minutes	Odor Intensity VL, L, M, S, VS
31 min	No ador
32	No adol
33	No oder
34	No oder
35	No odor
36	Mo odor
37	Ma ador
38	No odor
39	No odor
40	No ador
41	No odor
12	No odol
13	Noodox
14	No odor
15	No odor
16	No odor
17	No odov
8	Nosdor
19	No oder
io	Moder
1	No odor
2	No odor
3	No odor
4	No odor
5	No oclor
6	Noodor
7	Noodox
8	No odor
9	No odor

Odor De	scription					
Offensiv	eness: Hi	ghly	Offensive	Unpleasant	Not U	Inpleasant
Weighted	Average In VS	tensity:	/ M	L	VL	No Odor
1 Min			1			
10 Min						
1 Hour						

Supplemental Investigator's Odor Intensity Time Log

Supplementaria	1,0001280000
Investigator: (Elbentes	Location:
Date of Investigation: 05/09/10	Start Time: 2:00 pm

Minutes	Odor Intensity VL, L, M, S,VS	
ı min	No Odor	
2	No odor	
3	No odor	_
4	No odor	_
5	No Odar	_
6	NO DOO	_
7	NO DOOR	
8	No Odor	
9	No Odor	
10	No Odor	
11	No odor	
12	NO DOCC	
13	No Odor	_
14	NO DOOF	
	NO DOS	
16	NO 000	
17	NO 0205	
18	No Ddor	
	No Ddor	
19	No Odor	
20	NO ODU	
21	No 000	
	No Odor	
23	No Odor	
24	NO 000	
25	No Odor	
26	No Odor	
27	No Ofor	
28	No oder	
29	No Odor	7

Minutes	Odor Intensity VL, L, M, S, VS
31 min	No 0901
32	No Odor
33	No Odor
34	NO 0901
35	No 0305
36	No odor
	Nº 9920
37	No oder
38	No Odor.
39	No odor
40	No Dg or
41	
42	
43	1/0 030V
44	No Odor
45	No Odor
46	No odor
47	No Odor
48	No 090C
49	No Dor
50	No Odor
51	No Odor
52	No 0905
53	No odor
	No 000
54	No 000
55	No Odor
56	No 0900
57	11 01 1
58	
59	No Odor
60	NO COB!

Odor De	escription	-				
Offensiv	eness: Hi	ghly	Offensive	Unpleasant	Not U	npleasant
Veighted	Average In	tensity:	M	L	VL	No Odor
						100
1 Min						
1 Min 10 Min						