

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 # 1554501

Incident Numbers

305023

305336

Investigator: ISAIAH LONGORIA

Site Classification MULTISECTOR GENERAL
PERMIT FOR INDUSTRIAL
WW

Conducted: 03/29/2019 -- 03/29/2019

NAIC Code: 562212

NAIC Code: 486210

SIC Code: 4922

SIC Code: 4953

SIC Code: 1521

Program(s): WASTEWATER
STORMWATER

Investigation Type: Compliance Investigation

Location: LOCATED ON 2200 FM 521

Additional ID(s): TXR05S302

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

Local Unit: REGION 12 - HOUSTON

Activity Type(s): WWC MPL - WW Complaint

Principal(s):

Role

Name

RESPONDENT

BLUE RIDGE LANDFILL TX LP

Contact(s):

Role

Title

Name

Phone

REGULATED
ENTITY MAIL
CONTACT

AREA
ENVIRONMENTAL
MANAGER

MR SCOTT TREBUS

Phone (713) 726-7506

Other Staff Member(s):

Role

Name

QA Reviewer
Investigator
Supervisor

ERSKINE GITTENS
TREY THUMANN
KIMBERLY RHODES

Associated Check List

Checklist Name

WQ COMPLAINT INVESTIGATION

Unit Name

complaint - 1554501

Investigation Comments:

BLUE RIDGE LANDFILL - FRESNO

3/29/2019 Inv. # - 1554501

Page 2 of 3

INTRODUCTION

On March 18-22, 2019, the Texas Commission on Environmental Quality (TCEQ) Houston Region Office received 22 complaints alleging odors from Blue Ridge Landfill (BRL) located at 2200 Farm to Market (FM) 521 Road, Fresno (Fort Bend County), Texas 77545.

On March 29, 2018, Mr. Isaiah Longoria and Mr. Trey Thumann, 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 will be 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:

Wind Direction: approximately south-southeast (SE) (ranged from 157 – 161 degrees)

Wind Speed: 12.5 – 15.5 miles per hour (mph)

Outdoor Temperature: 76.7 – 78 degrees Fahrenheit

Meteorological data taken from TCEQ's continuous air monitoring station (CAMS) Manvel Croix Park C84 weather station (Attachment 1) for March 29, 2019.

ODOR SURVEYS:

Mr. Thumann conducted Odor Survey (OS) No. 1 at 10:50 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. Longoria conducted OS No. 2 at 12:55 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. Longoria conducted OS No. 3 at 11:48 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. Longoria conducted OS No. 4 at 10:40 a.m. at Tarpon Bay Court (Attachment 2, Location 4). No odors were detected during the 60 minutes spent at OS No. 4 (Attachment 3, Log 4).

Mr. Longoria conducted OS No.5 at 9:30 a.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. 4 (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 March 29, 2019. The complaints are closed.

No Violations Associated to this Investigation

Signed *Janet Cooper*
Environmental Investigator

Date 5/15/19

Signed *Kim Rhodes*
Supervisor

Date 5/23/19

Attachments: (in order of final report submittal)

- Enforcement Action Request (EAR)
- Letter to Facility (specify type) : GC
- Investigation Report
- Sample Analysis Results
- Manifests
- Notice of Registration

- Maps, Plans, Sketches
- Photographs
- Correspondence from the facility
- Other (specify) :
see "list of Attachments"

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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

May 24, 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 2200 FM 521 Road, Fresno (Fort Bend County), Texas
77545
Regulated Entity No.: 102610102, Investigation No.: 1554501

Dear Mr. Trebus:

On March 29, 2019, Mr. Isaiah Longoria and Mr. Trey Thumann, 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.

If you or members of your staff have any questions, please feel free to contact Mr. Isaiah Longoria in the Houston Region Office at 713-767-3698.

Sincerely,

A handwritten signature in black ink, appearing to read "Kimberly Rhodes".

for Kimberly Rhodes
Team Leader
Water Quality
Houston Region Office

KR/IL/tj

Blue Ridge Landfill
2200 FM 521 Road, Fresno (Fort Bend County)
RN: 102610102
Investigation No. 1554501
Incident No. 305023, 305336, 305336A-S
Odor Survey Investigation
March 29, 2019

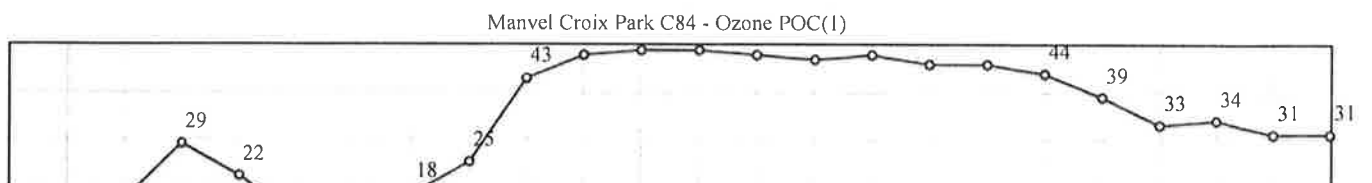
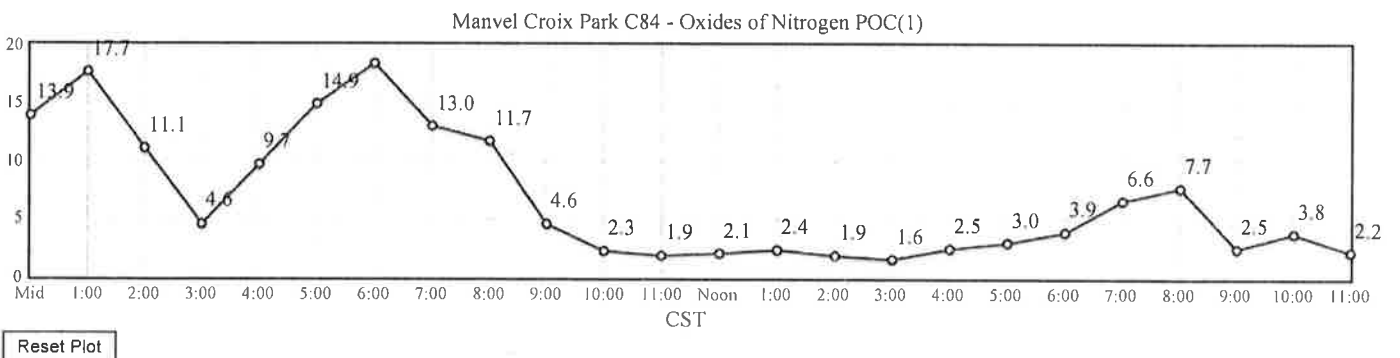
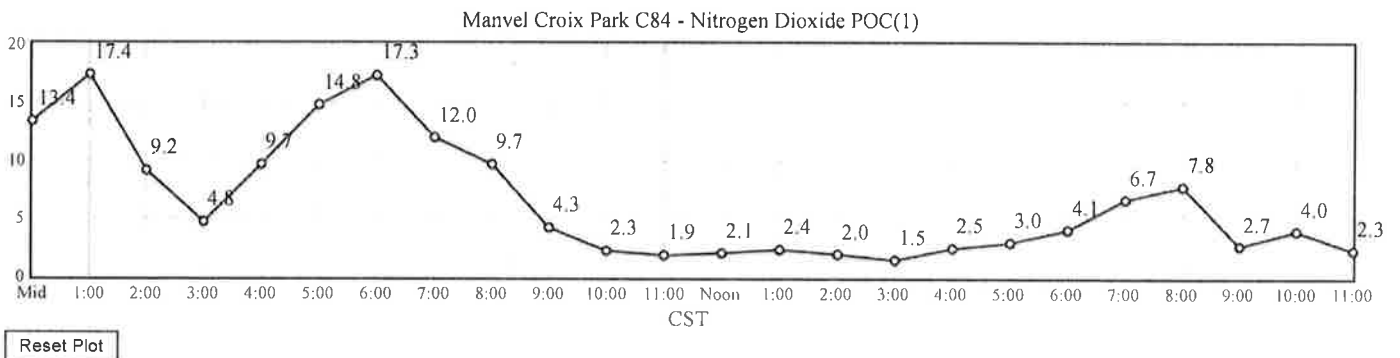
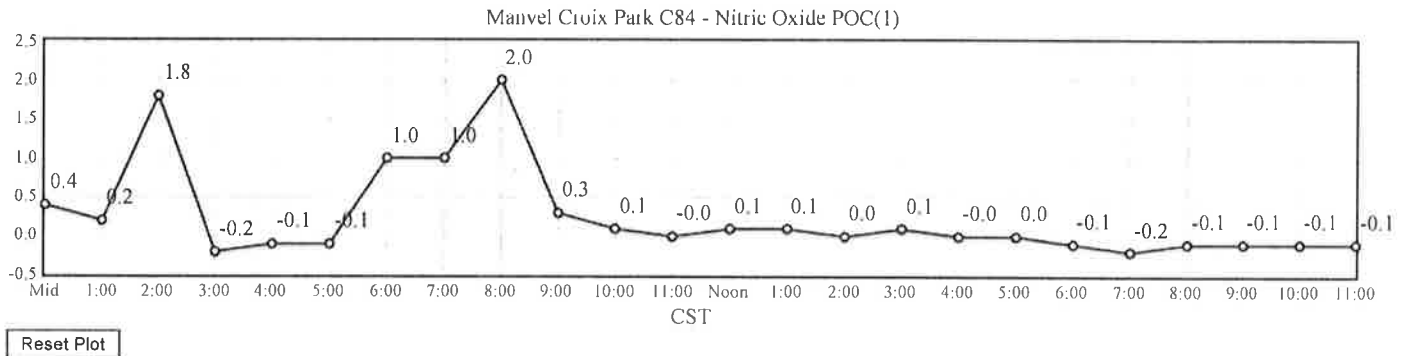
LIST OF ATTACHMENTS

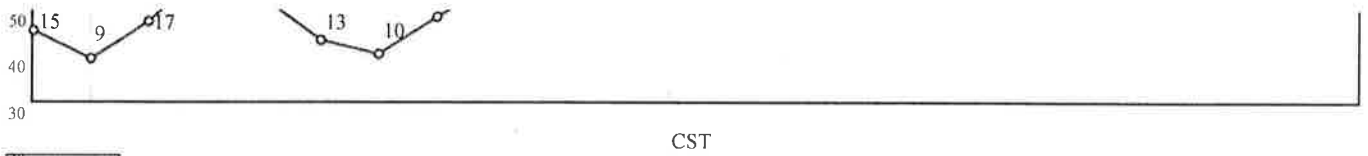
ATTACHMENT 1	Meteorological Data
ATTACHMENT 2	Odor Survey Map
ATTACHMENT 3	Odor Logs

Attachment 1

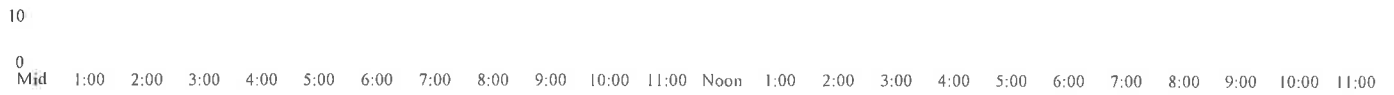
Manvel Croix Park C84 Daily Summary Plot

Friday, March 29, 2019

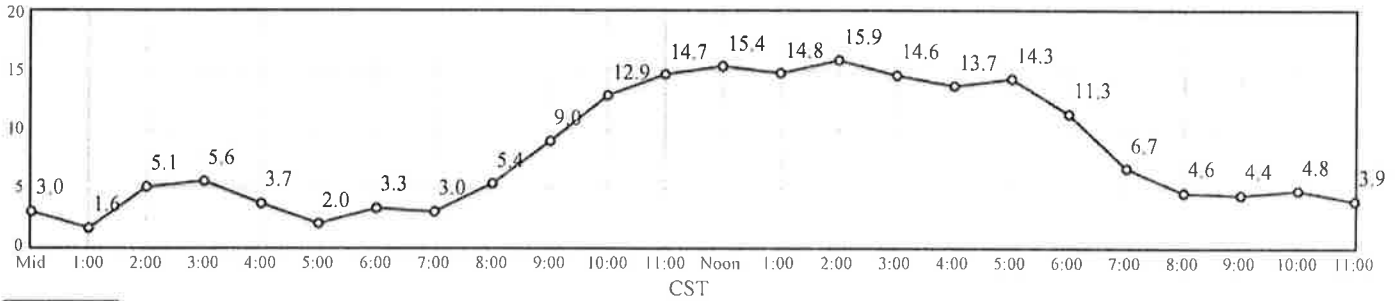




Reset Plot

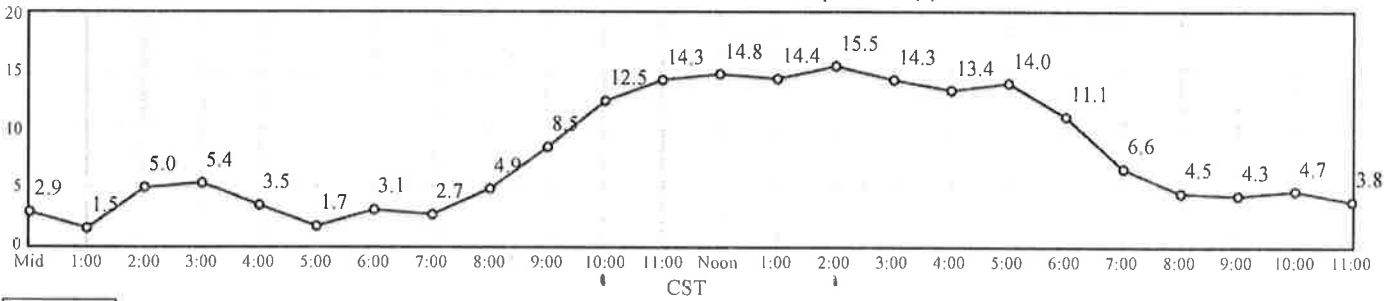


Manvel Croix Park C84 - Wind Speed POC(1)



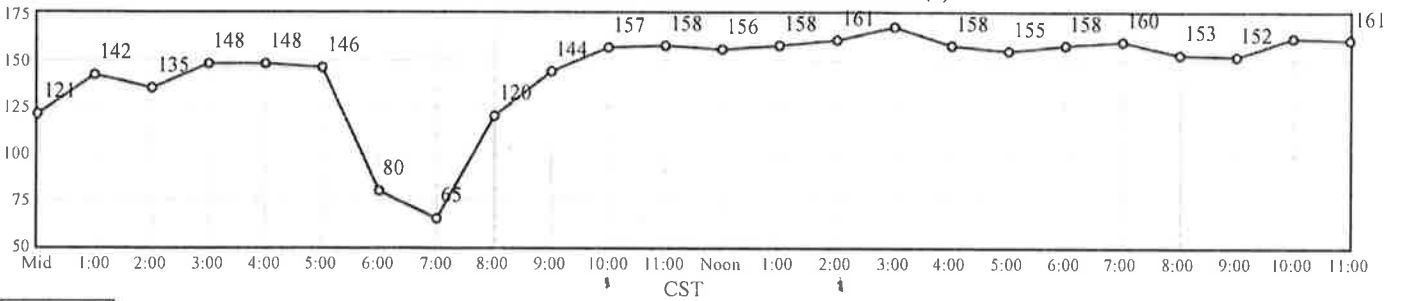
Reset Plot

Manvel Croix Park C84 - Resultant Wind Speed POC(1)



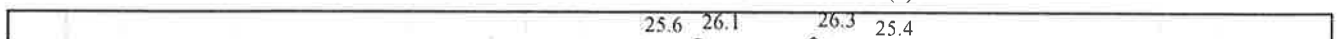
Reset Plot

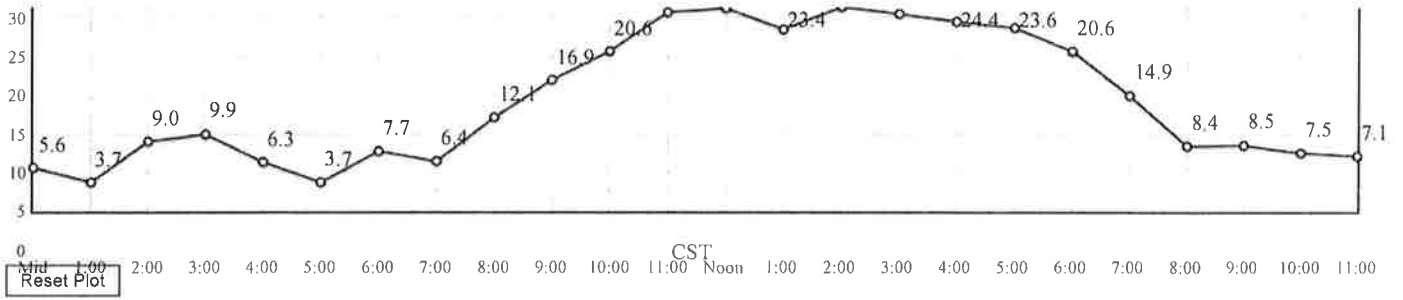
Manvel Croix Park C84 - Resultant Wind Direction POC(1)



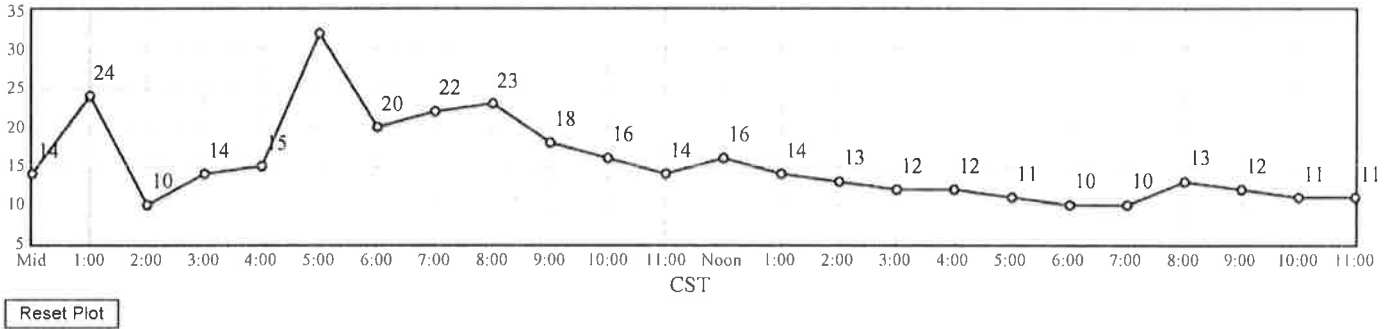
Reset Plot

Manvel Croix Park C84 - Maximum Wind Gust POC(1)

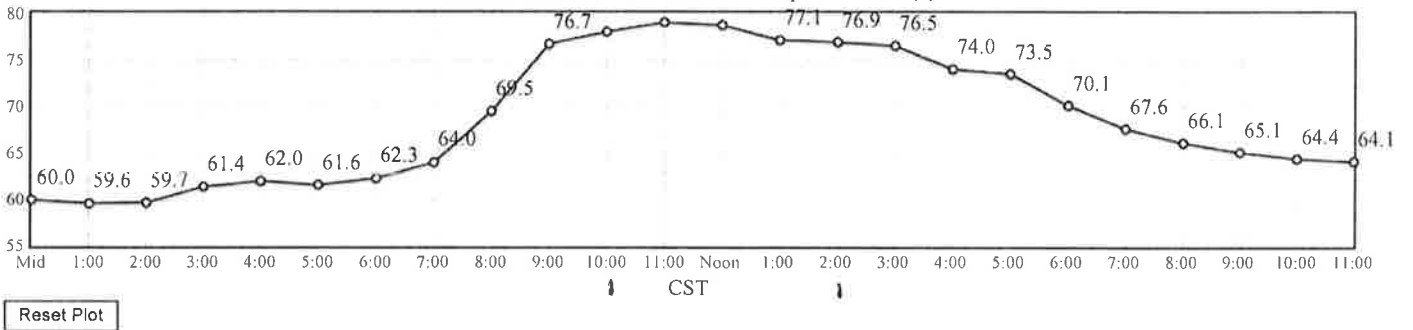




Manvel Croix Park C84 - Standard Deviation of Horizontal Wind Direction POC(1)



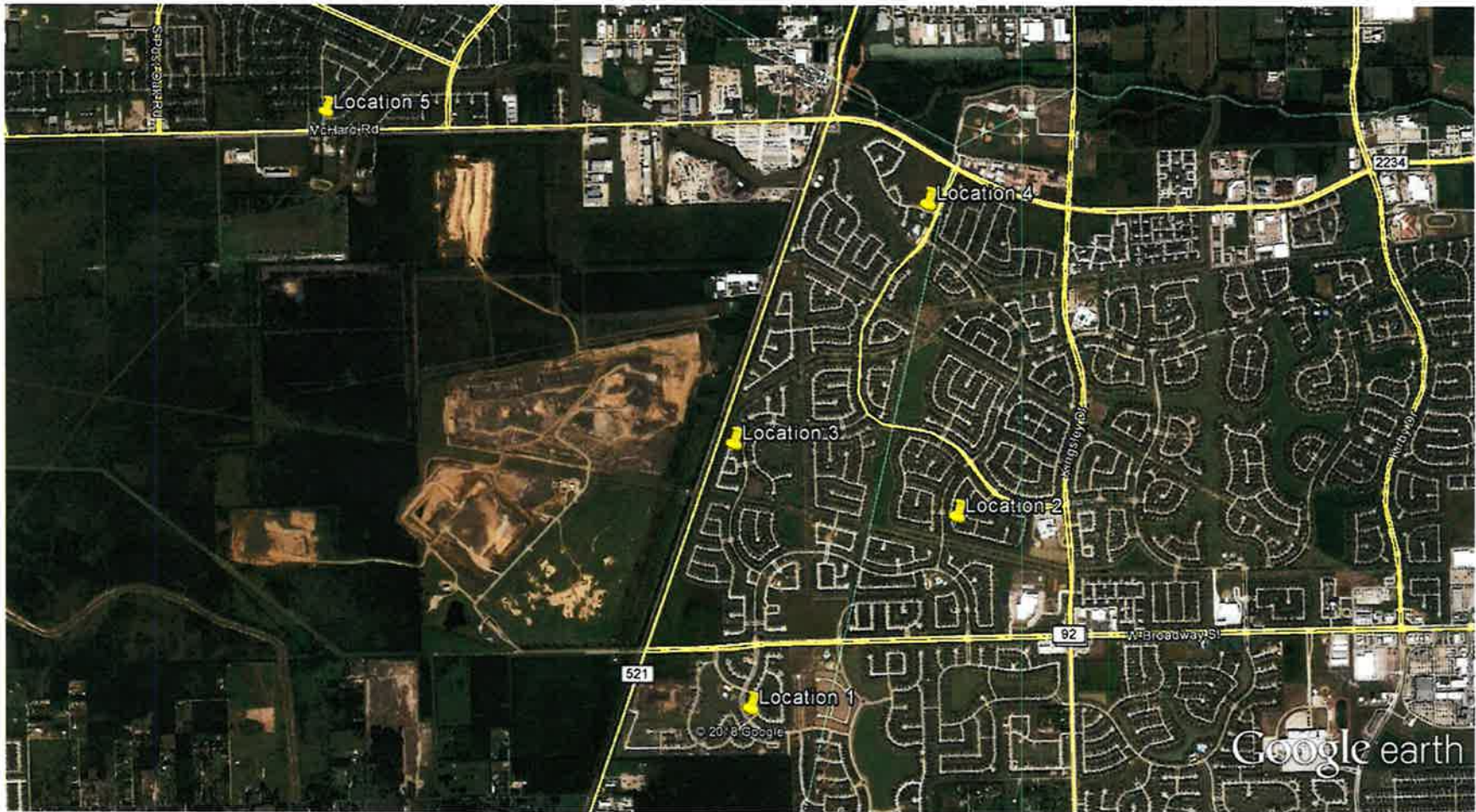
Manvel Croix Park C84 - Outdoor Temperature POC(1)



Attachment 2

Area and Survey Location Map – March 29, 2019

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

Location 1

Supplemental Investigator's Odor Intensity Time Log

Date of Investigation: 3-29-2019 Start Time: 10:50 AM

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

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

Offensiveness: Highly _____ Offensive _____ Unpleasant _____ Not Unpleasant _____

Weighted Average Intensity:

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

Location 2

Supplemental Investigator's Odor Intensity Time Log

Date of Investigation: March 29, 2019 Start Time: 1255

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

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

Offensiveness: Highly _____ Offensive _____ Unpleasant _____ Not Unpleasant _____

Weighted Average Intensity:

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

Location 3

Supplemental Investigator's Odor Intensity Time Log

Date of Investigation: March 29, 2019 Start Time: 11:48

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

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

Offensiveness: Highly _____ Offensive _____ Unpleasant _____ Not Unpleasant _____

Weighted Average Intensity:

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

Location 4

Supplemental Investigator's Odor Intensity Time Log

Date of Investigation: March 29, 2019 Start Time: 1047

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

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

Offensiveness: Highly _____ Offensive _____ Unpleasant _____ Not Unpleasant _____

Weighted Average Intensity:

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

Supplemental Investigator's Odor Intensity Time Log

Date of Investigation: March 29, 2019 Start Time: 0930

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

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

Offensiveness: Highly _____ Offensive _____ Unpleasant _____ Not Unpleasant _____

Weighted Average Intensity:

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

