

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): WWC MPL - 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 | ROSS EGLAND |
| Investigator | DUSTIN ROBERTS |
| Investigator | CHRISTIAN EUBANKS |
| Supervisor | KIMBERLY RHODES |

Associated Check List

Checklist Name
WQ COMPLAINT INVESTIGATION

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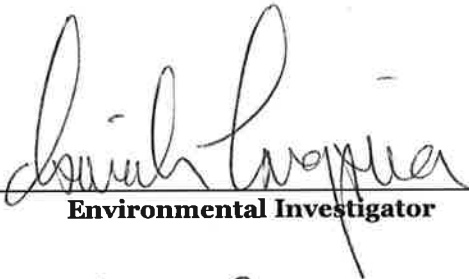
detected during the 60 minutes spent at OS No. 4 (Attachment 3, Log 4).

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 7/1/19

Signed 
Supervisor

Date 7/1/19

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

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,

A handwritten signature in cursive script that reads "Kim Rhodes".

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

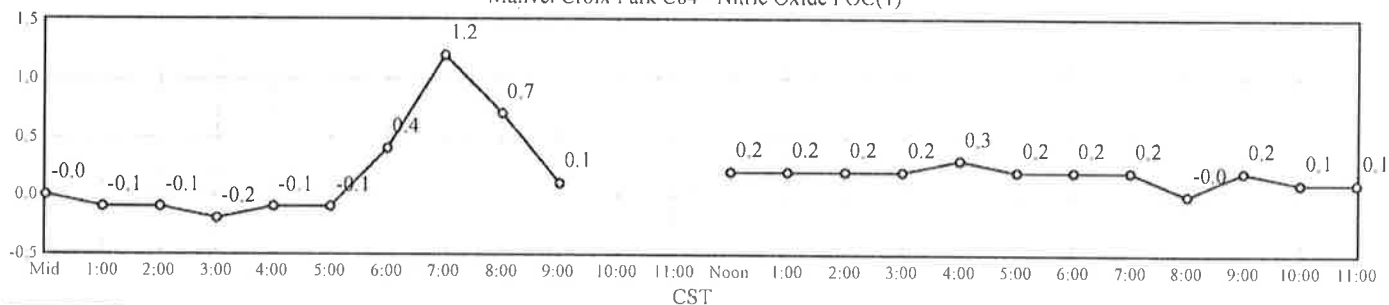
| | |
|--------------|---------------------|
| ATTACHMENT 1 | Meteorological Data |
| ATTACHMENT 2 | Odor Survey Map |
| ATTACHMENT 3 | Odor Logs |

Attachment 1

Manvel Croix Park C84 Daily Summary Plot

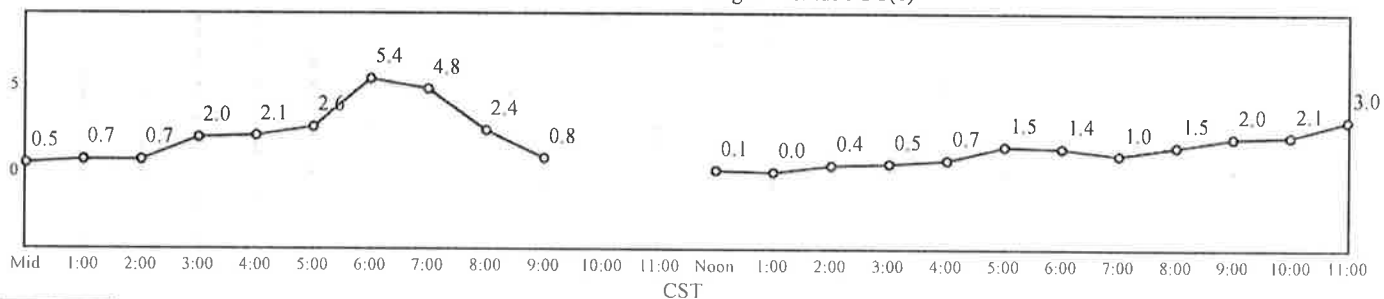
Thursday, May 9, 2019

Manvel Croix Park C84 - Nitric Oxide POC(1)



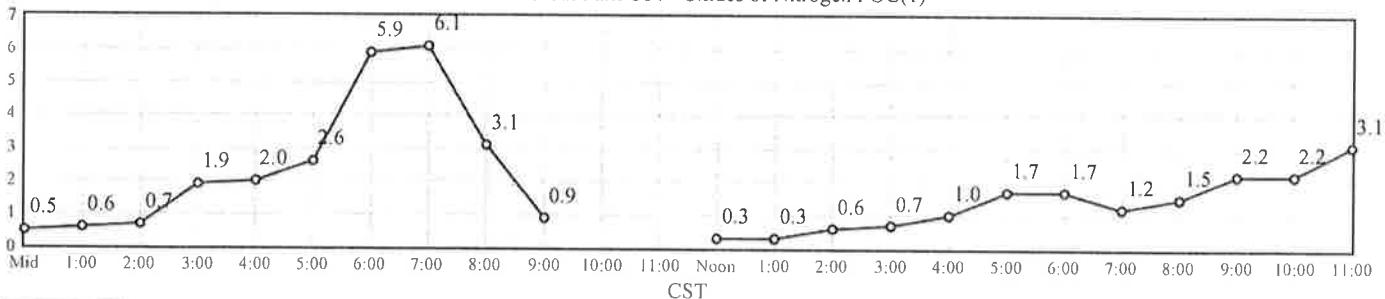
Reset Plot

Manvel Croix Park C84 - Nitrogen Dioxide POC(1)



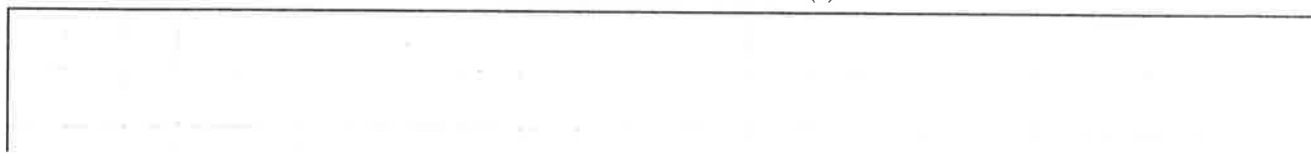
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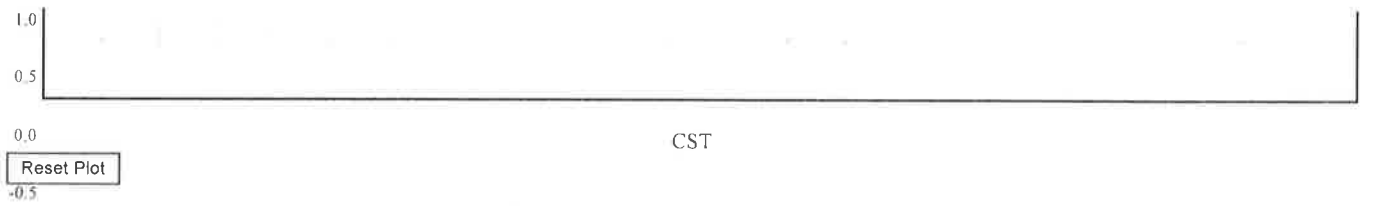
Manvel Croix Park C84 - Oxides of Nitrogen POC(1)



Reset Plot

Manvel Croix Park C84 - Ozone POC(1)

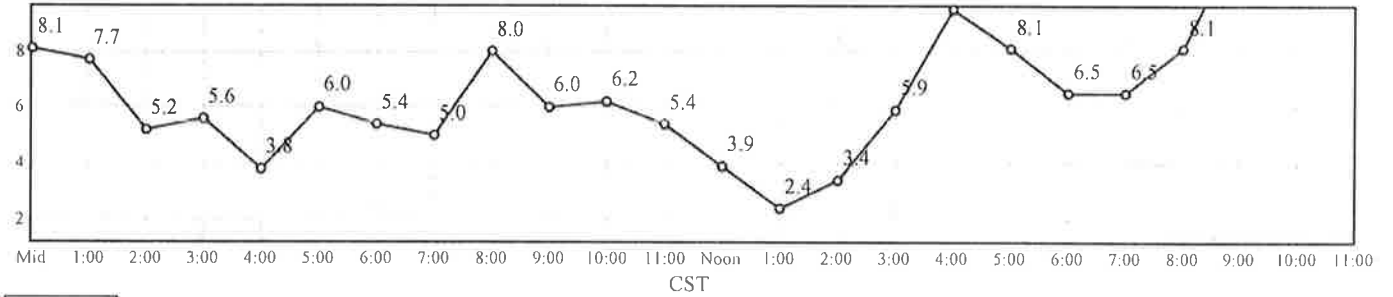




CST

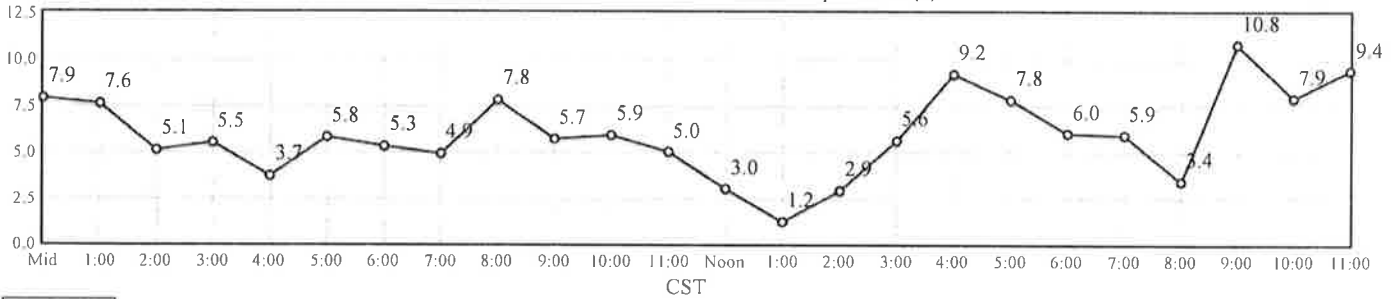
Mid 1:00 2:00 3:00 4:00 5:00 6:00 7:00 8:00 9:00 10:00 11:00 Noon 1:00 2:00 3:00 4:00 5:00 6:00 7:00 8:00 9:00 10:00 11:00

Manvel Croix Park C84 - Wind Speed POC(1)



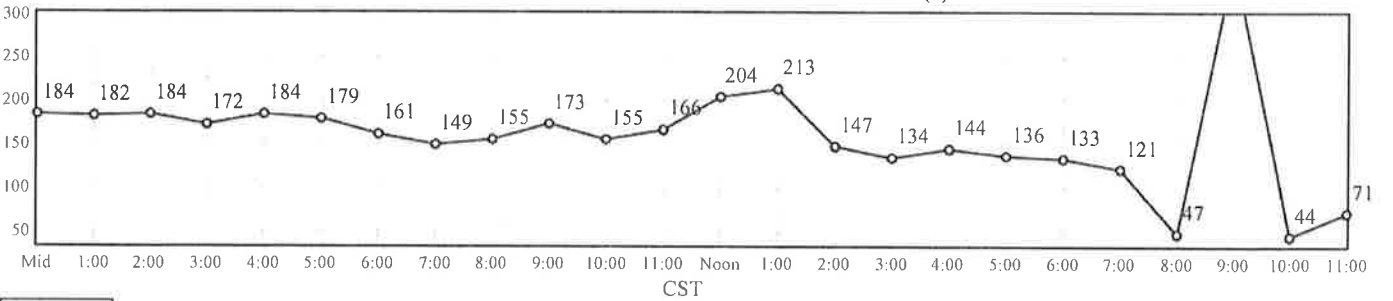
Reset Plot

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



Reset Plot

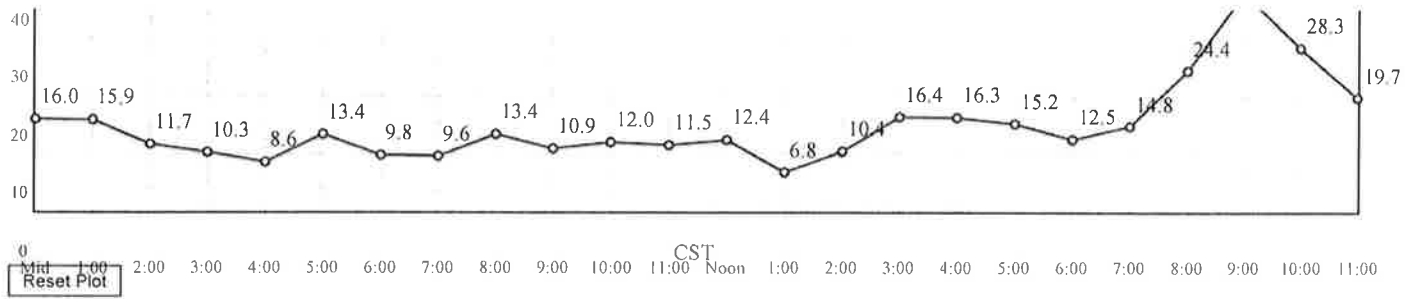
Manvel Croix Park C84 - Resultant Wind Direction POC(1)



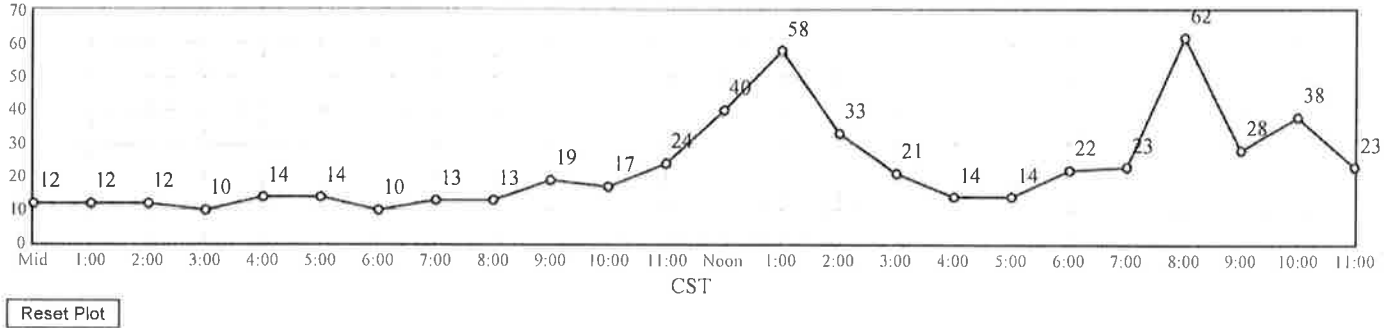
Reset Plot

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

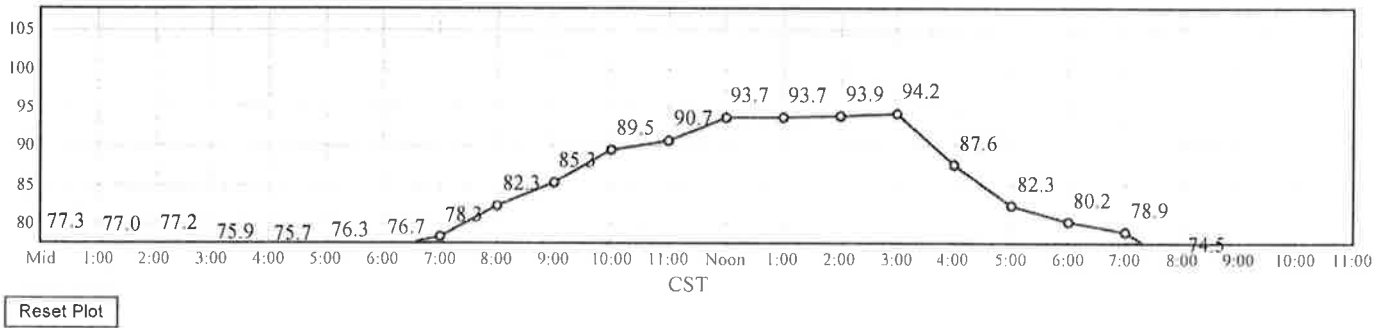




Manvel Croix Park C84 - Standard Deviation of Horizontal Wind Direction POC(1)



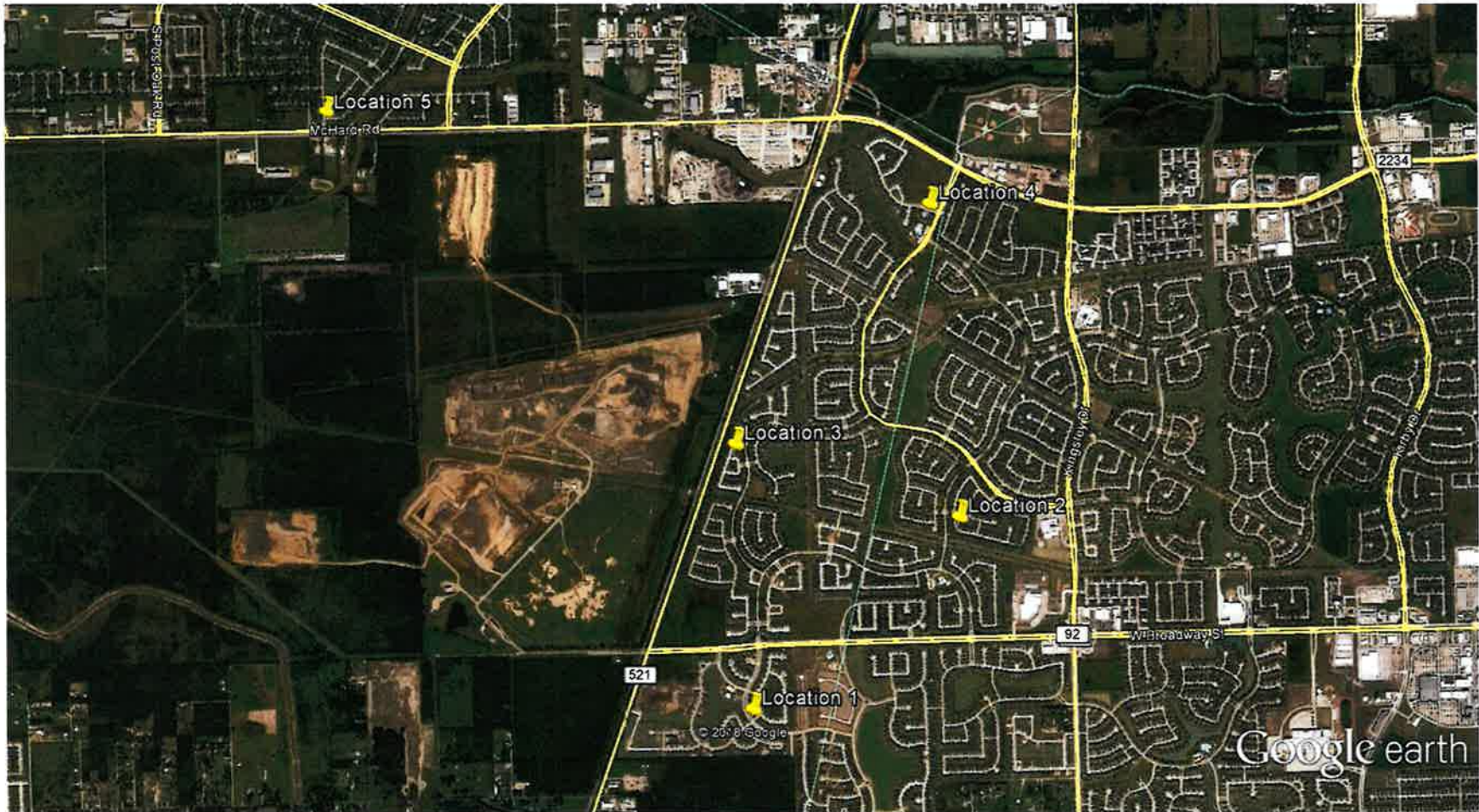
Manvel Croix Park C84 - Outdoor Temperature POC(1)



Attachment 2

Area and Survey Location Map

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

Log 1

Supplemental Investigator's Odor Intensity Time Log

Investigator: Christian Eubank
 Date of Investigation: 05/09/19

Location: 1
 Start Time: 11:30 am

| 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 |

Odor Description: _____

Offensiveness: Highly _____ Offensive _____ Unpleasant _____ Not Unpleasant _____

Weighted Average Intensity:

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

Supplemental Investigator's Odor Intensity Time Log

Investigator: Christian Edwards Location: 2
 Date of Investigation: 05/09/19 Start Time: 12:45 PM

| 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 |

Odor Description: _____

Offensiveness: Highly _____ Offensive _____ Unpleasant _____ Not Unpleasant _____

Weighted Average Intensity:

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

Supplemental Investigator's Odor Intensity Time Log

Investigator: Dustin Roberts
 Date of Investigation: 5/9/19

Location: No. 3 - Longlake & Mountain Sage
 Start Time: 11:35 am

| 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 |

Odor Description: _____

Offensiveness: Highly _____ Offensive _____ Unpleasant _____ Not Unpleasant _____

Weighted Average Intensity:

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

Log 4

Supplemental Investigator's Odor Intensity Time Log

Investigator: Dustin Roberts
 Date of Investigation: 5/9/19

Location: No. 4 Tarpon Bay Court
 Start Time: 12:40pm

| 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 |

Odor Description: _____

Offensiveness: Highly _____ Offensive _____ Unpleasant _____ Not Unpleasant _____

Weighted Average Intensity:

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

Log 5

Supplemental Investigator's Odor Intensity Time Log

Investigator: C. Eubank Location: S
 Date of Investigation: 05/09/19 Start Time: 2:00pm

| 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 |

Odor Description: _____

Offensiveness: Highly _____ Offensive _____ Unpleasant _____ Not Unpleasant _____

Weighted Average Intensity:

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