

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

December 18, 2017

Mr. Burgess Stengl, Environmental Manager
Blue Ridge Landfill
PO Box 879
Fresno, Texas 77545-0879

Re: Investigation at:
Blue Ridge Landfill, 2200 FM 521, Fresno (Fort Bend County), Texas 77545
Investigation No.: 1439057

Dear Mr. Stengl:

The Texas Commission on Environmental Quality (TCEQ) Houston Region Office conducted a focused odor survey at the above-referenced facility. Ms. Nichole Batista Nunes and Mr. Isaiah Longoria of this office conducted an investigation on September 13, 2017. No violations are being alleged as a result of the investigation. However, please see the Additional Issue.

We appreciate your assistance in this matter and your interest in protecting the quality of our environment. If you have any questions concerning these findings, or if we can be of further assistance, please contact Ms. Nichole Batista Nunes at this office (713) 767-3638.

Sincerely,

A handwritten signature in blue ink, appearing to read "Westin Massey".

Westin Massey, Team Leader
Water Section
Houston Region Office

WM/NBN /pac

Enclosures: Summary of Investigation Findings
Effluent Violations Table

Inspection Sample Results

Entity Name: Blue Ridge Landfill

TCEQ ID No: TXR05S302

Date of Inspection: 09/13/2017

Sampling Location & Parameter	Measured Value	Authorized Limit	Sample Type	COC Tag No.	Primary Source of Wastewater or Waste
Fe (mg/L)	1.644	1.30	Grab	W008052-01	Stormwater
TSS (mg/L)	41.1	100	Grab	W008052-01	Stormwater
NH3-N (mg/L)	<0.10	N/A	Grab	W008052-01	Stormwater
BOD (mg/L)	<2.0	N/A	Grab	W008052-01	Stormwater
COD (mg/L)	27.0	N/A	Grab	W008052-01	Stormwater
pH (s.u.)	6.77	N/A	Grab	N/A	Stormwater
D.O. (mg/L)	8.88	N/A	Grab	N/A	Stormwater

Summary of Investigation Findings

BLUE RIDGE LANDFILL
2200 FM 521 RD
FRESNO, FORT BEND COUNTY, TX 77545

Investigation #
1439057
Investigation Date: 09/13/2017

Additional ID(s): TXR05S302

No Violations Associated to this Investigation

ADDITIONAL ISSUES

Description

Investigation samples taken? (If taken, see attached results.)

Additional Comments

During the investigation, stormwater benchmark sampling for the Multi-Sector General Permit was performed. Blue Ridge Landfill exceeded the benchmark requirements for Iron by 0.344 mg/L.

The Pollution Prevention Team must investigate the cause of the exceedance and document the results of this investigation in the Storm Water Pollution Prevention Plan following the sampling event. The facility is requested to provide documentation to the TCEQ Houston Region office which indicates the investigation has been conducted and provide the results of the investigation.

STW IGP_TXR05S302_CP_20170913_Compliance
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 # 1439057

Investigator: NICHOLE NUNES

Incident Numbers

Site Classification MULTISECTOR GENERAL
PERMIT FOR INDUSTRIAL
WW

Conducted: 09/13/2017 -- 09/13/2017

SIC Code: 1521

NAIC Code: 486210

SIC Code: 4922

SIC Code: 4953

NAIC Code: 562212

Program(s): 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): WWRECONMAJ - WW Major Recon

Principal(s):

Role	Name
RESPONDENT	BLUE RIDGE LANDFILL TX LP

Contact(s):

Role	Title	Name	Phone
REGULATED ENTITY MAIL CONTACT	ENVIRONMENTAL MANAGER	MR BURGESS STENGL	Office (713) 676-7669
REGULATED ENTITY CONTACT	ENVIRONMENTAL MANAGER	MR BURGESS STENGL	Fax (713) 676-7882 Fax (713) 675-3660 Cell (713) 851-0506 Office (713) 676-7669 Work (713) 671-1561
PARTICIPATED IN	ENVIRONMENTAL MANAGER	MR BURGESS STENGL	Office (713) 676-7669 Work (713) 671-1561 Fax (713) 676-7882 Cell (713) 851-0506 Fax (713) 675-3660

Other Staff Member(s):

Role	Name
Supervisor	WESTIN MASSEY
Investigator	ISIAIAH LONGORIA
QA Reviewer	ISIAIAH LONGORIA

Associated Check List

<u>Checklist Name</u>	<u>Unit Name</u>
WQ COMPLAINT INVESTIGATION	Complaint

Investigation Comments:

INTRODUCTION

On September 13, 2017, investigators Mrs. Nichole Batista Nunes and Mr. Isaiah Longoria of the Texas Commission on Environmental Quality (TCEQ) Houston Region Office conducted a focused odor survey investigation in the City of Pearland, and in Fort Bend, Brazoria, and Harris counties in the west Pearland area . The purpose of this investigation was to conduct odor surveys to determine if odors were present in the area and identify potential sources. See Attachment One for aerial view of the area.

INVESTIGATION

The investigation took place on September 13, 2017. The surrounding land use is a mix of residential, industrial, and commercial areas. The terrain is flat with sporadic forest. Meteorological conditions were as follows: Cloud Cover: Cloudy; Temperature: 77-86° Fahrenheit; Wind Direction: West-Southwest; Wind Speed: Approximately 7-8 miles per hour; Precipitation: 0.0 inches; Source of Meteorological Conditions: Weather Underground (KAXH) (Attachment One). The primary odor survey activities were conducted in zip code 77584, some portions of the odor survey activities may have also included portions of zip codes 77053, 77545, 77583 and 77047. A summary for all survey locations can be found in Attachment Two.

The investigators arrived at FM 521 at 9:52 am and surveyed the eastern side of the Blue Ridge Landfill. The investigators conducted a 17 minute odor survey. A garbage like moderate offensive odor was observed for 17 minutes (Attachment Three). The investigators left Odor Survey Point One at 10:09 am.

The investigators arrived at Mountain Sage Drive at 10:18 am and surveyed the eastern side of the Blue Ridge Landfill. The investigators conducted a 24 minute odor survey. A very light garbage like offensive odor was observed for 11 minutes (Attachment Four). The investigators left the area at 10:42 am.

Immediately after completion of Odor Survey Point 2, the investigators completed an onsite investigation at the Blue Ridge Landfill (Blue Ridge). According to Mr. Burgess Stengl, Environmental Manager for Blue Ridge, other than the recent Tropical Storm, nothing out of the ordinary had happened that could attribute to the odor observed. Landfill cover logs were reviewed for the previous two months. Sampling was performed at the Blue Ridge storm water outfall on FM 521 (COC # W008052-01). See Attachment Five for sample results. An additional issue was issued for benchmark exceedance of iron. This is further addressed in the Summary of Investigation Findings of this report. During the onsite investigation at Blue Ridge, Mr. Stengl provided approval letters for temporary debris site and temporary emergency authorization (Attachment Six). Mr. Stengl was emailed a TCEQ Exit interview form on September 21, 2017 and returned it signed via email the same day (Attachment Seven).

The investigators arrived at FM 521 at 12:51 pm and surveyed the eastern side of the Energy Transfer Pipeline Odorizing Station. The investigators conducted a 15 minute odor survey. No odors were detected (Attachment Eight). The investigators left the area at 1:06 pm.

The investigators arrived at the intersection at Biscayne Bay Drive at 1:17 pm and surveyed the eastern side of the Biscayne Bay lift station. The investigators conducted a 15 minute odor survey. No odors were detected (Attachment Nine). The investigators left at 1:32 am.

The investigators arrived at Alameda Road at 1:39 pm and surveyed the northeastern side of Akzo Noble Surface

Signed 
Environmental Investigator

Date 12/14/17

Signed 
Supervisor

Date 12/18/17

Attachments: (in order of final report submittal)

- Enforcement Action Request (EAR)
- Letter to Facility (specify type) : Mod 6C
- Investigation Report
- Sample Analysis Results
- Manifests
- Notice of Registration

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

Chemistry. The investigators conducted a 15 minute odor survey. No odors were detected (Attachment Ten). The investigators left the area at 1:54 pm.

The investigators arrived at West Riley Road at 1:56 pm am and surveyed the northeastern side of Lone Star Disposal and Recycle Facility. The investigators conducted a 15 minute odor survey. A very light garbage like offensive odor was observed for 4 minutes (Attachment Eleven). The investigators left the area at 2:11 pm.

The investigators arrived at Reflection Bay at 2:16 pm and surveyed the northeastern side of Reflection Bay Wastewater Treatment Facility. The investigators conducted a 15 minute odor survey. No odors were detected (Attachment Twelve). The investigators left the area at 2:31 pm.

The investigators arrived at North Spectrum Boulevard at 2:33 pm and surveyed the northeastern side of Syntech Chemical Inc. and Brenntag Southwest. Do to the direction of the wind and the construction in the area, one odor survey point was completed for both facilities. The investigators conducted a 15 minute odor survey. No odors were detected (Attachment Thirteen). The investigators left the area at 2:48 pm.

CONCLUSION

One odor type was detected during the odor surveys: a garbage like odor; emanating from Blue Ridge Landfill. According to the TCEQ Frequency, Intensity, Duration, and Offensiveness (FIDO) chart, the garbage related odor is characterized as offensive. The intensity of odors emanating from Blue Ridge Odor Survey One was moderate based on the time weighted average.

COMPLAINTS

Based on a review of CCEDS and regional office files, there have been hundreds of odor complaints received from within the survey area and numerous investigations related to odors. At the time of the review, multiple related investigations were being conducted by the Region 12 Office .

SUMMARY OF INVESTIGATION FINDINGS

No Violations Associated to this Investigation

Additional Issues

Description Item 1

Additional Comments

During the investigation, stormwater benchmark sampling for the Multi-Sector General Permit was performed. Blue Ridge Landfill exceeded the benchmark requirements for Iron by 0.344 mg/L.

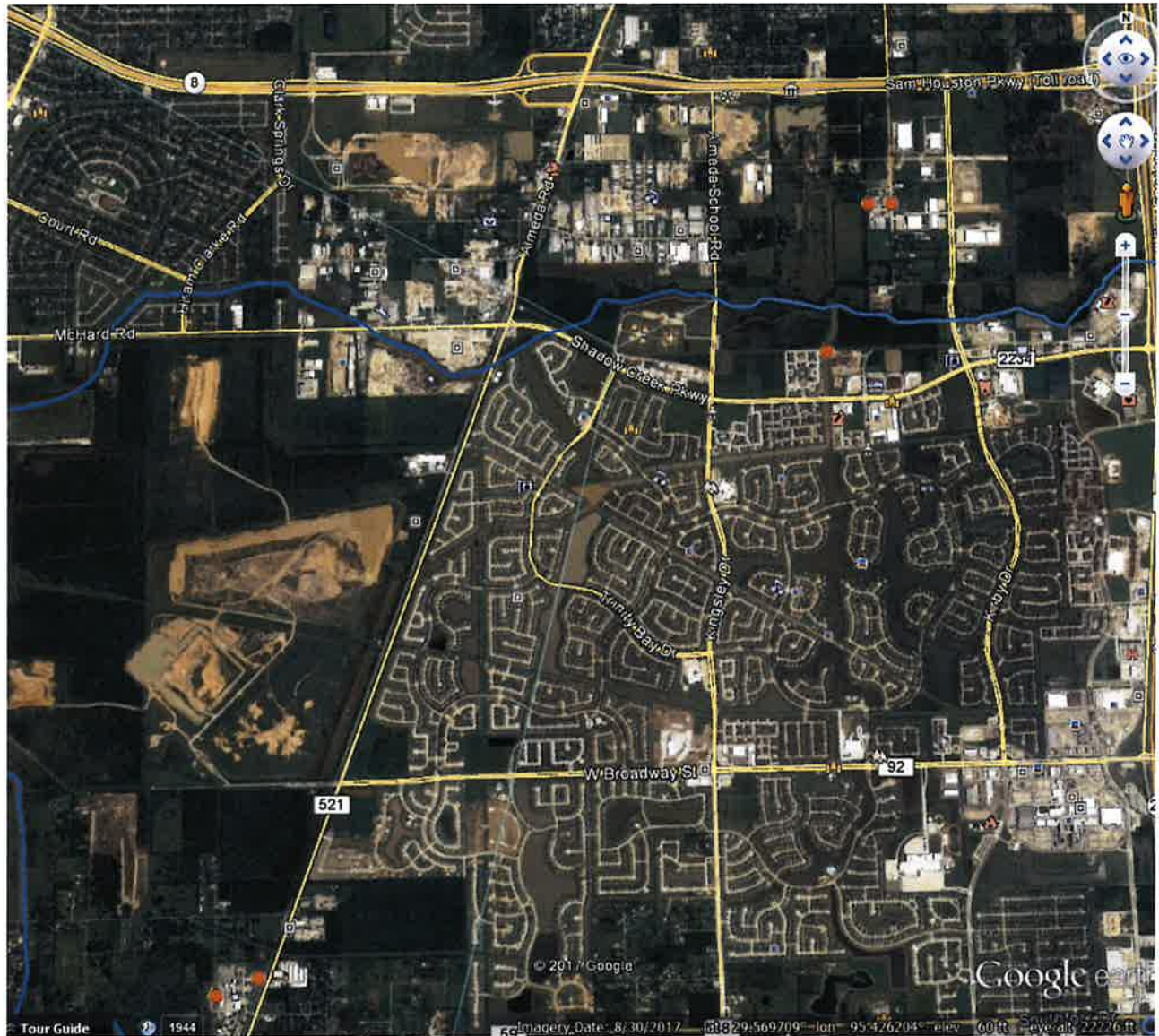
The Pollution Prevention Team must investigate the cause of the exceedance and document the results of this investigation in the Storm Water Pollution Prevention Plan following the sampling event. The facility is requested to provide documentation to the TCEQ Houston Region office which indicates the investigation has been conducted and provide the results of the investigati

**Texas Commission on Environmental Quality
Investigation Report
Blue Ridge Landfill
2200 FM 521, Fresno (Fort Bend County), TX 77545
Water Quality Permit No. TXR05S302
Major Reconnaissance Investigation
Conducted on September 13, 2017**

1. Aerial View of Survey location
2. Odor Survey Summary and Meteorological Data
3. Investigators' Odor Logs and Location Maps for Survey Point 1
4. Investigators' Odor Logs and Location Maps for Survey Point 2
5. Sample Results
6. Authorization Letters
7. Exit Interview Form
8. Investigators' Odor Logs and Location Maps for Survey Point 3
9. Investigators' Odor Logs and Location Maps for Survey Point 4
10. Investigators' Odor Logs and Location Maps for Survey Point 5
11. Investigators' Odor Logs and Location Maps for Survey Point 6
12. Investigators' Odor Logs and Location Maps for Survey Point 7
13. Investigators' Odor Logs and Location Maps for Survey Point 8

Attachment 1

**Texas Commission on Environmental Quality
Investigation Report
City of Pearland
Fort Bend County, Brazoria County, and Harris County, Texas
Stormwater Permit Number TXR05S302
Water Quality Comprehensive Compliance Investigation number 1439057
Conducted September 13, 2017**



Attachment 2

Houston Clover, TX

Clover

© 1:42 PM CDT on September 14, 2017 (GMT -0500)

Weather History for KLVJ - September, 2017

September

13

2017

View

Wednesday, September 13, 2017

Daily Weekly Monthly Custom

	Actual	Average (KEFD)	Record (KEFD)
Temperature			
Mean Temperature	80 °F	-	
Max Temperature	89 °F	87 °F	98 °F (2011)
Min Temperature	71 °F	71 °F	66 °F (2015)
Cooling Degree Days	15		
Growing Degree Days	30 (Base 50)		
Moisture			
Dew Point	66 °F		
Average Humidity	65		
Maximum Humidity	84		
Minimum Humidity	43		
Precipitation			
Precipitation	0.00 in	-	- ()
Sea Level Pressure			

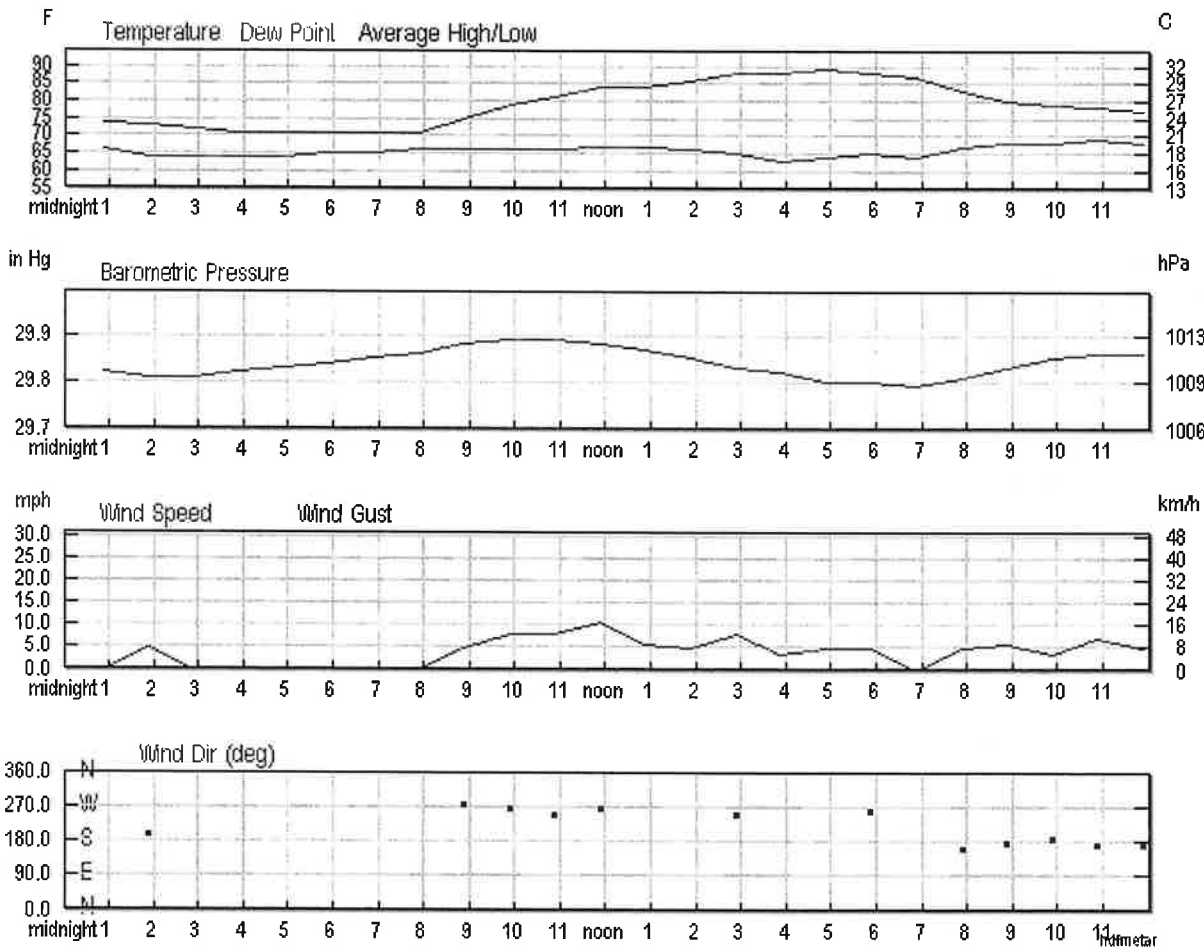
	Actual	Average (KEFD)	Record (KEFD)
Sea Level Pressure	29.84 in		
Wind			
Wind Speed	3 mph (SW)		
Max Wind Speed	10 mph		
Max Gust Speed	21 mph		
Visibility	9 miles		
Events			

Averages and records for this station are not official NWS values.

T = Trace of Precipitation, MM = Missing Value

Source: NWS Daily Summary

Daily Weather History Graph



Search for Another Location

Airport or City:

KLVJ

Submit

Trip Planner

Search our weather history database for the weather conditions in past years. The results will help you decide how hot, cold, wet, or windy it might be!

Date:

September

13

Submit

Astronomy

Sep. 13, 2017

Rise

Set

Actual Time

7:04 AM CDT

7:28 PM CDT

Civil Twilight

6:40 AM CDT

7:52 PM CDT

Nautical Twilight

6:12 AM CDT

8:19 PM CDT

Astronomical Twilight

5:44 AM CDT

8:48 PM CDT

Moon

12:26 AM CDT (9/13)

2:26 PM CDT (9/13)

Length of Visible Light

13h 11m

Length of Day

12h 23m

Last Quarter, 45% of the Moon is Illuminated

Sep 13

Sep 20

Sep 27

Oct 5

Oct 12

Last Quarter

New

First Quarter

Full

Last Quarter

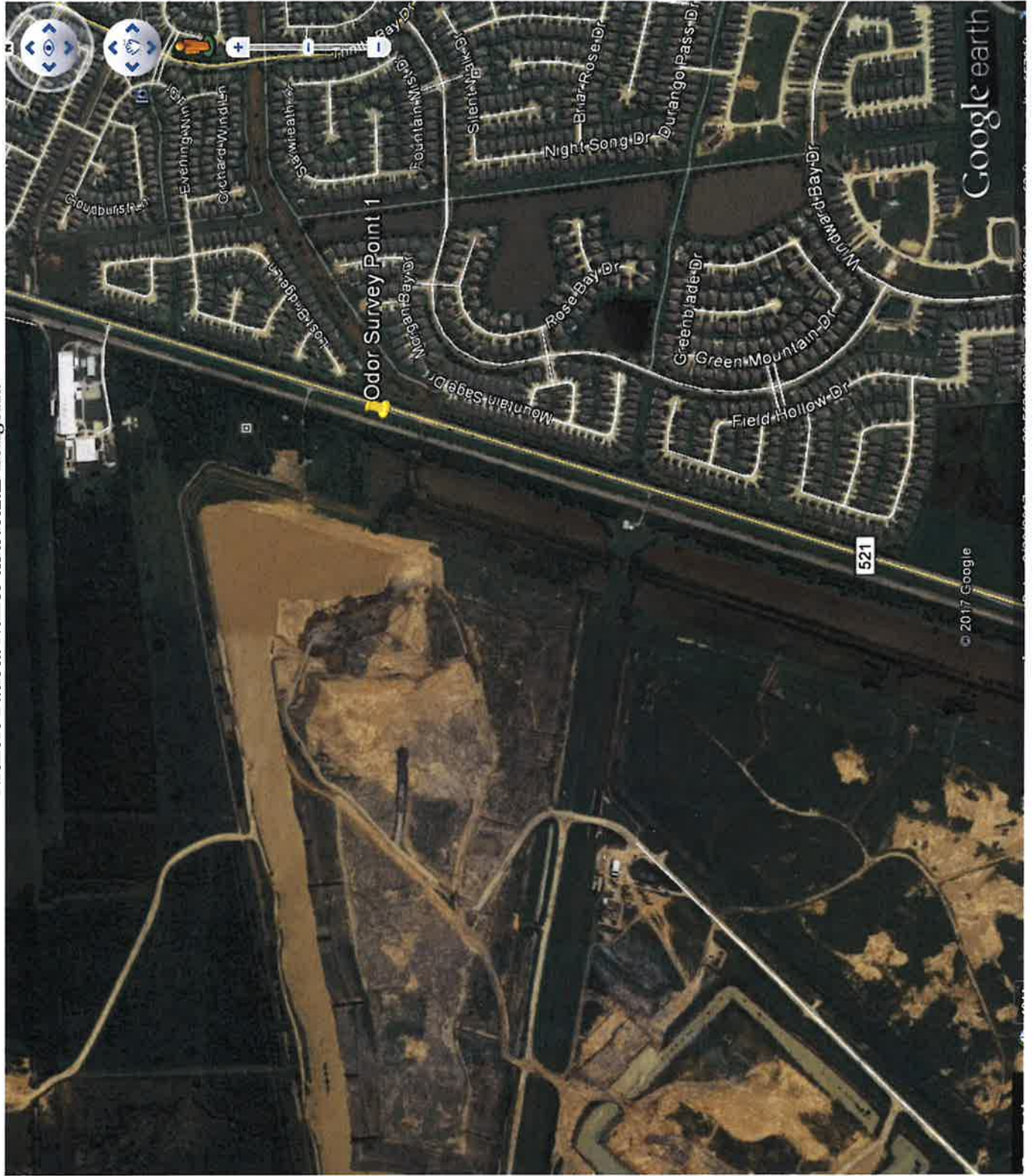
Hourly Weather History & Observations

Time (CDT)	Temp.	Heat Index	Dew Point	Humidity	Pressure	Visibility	Wind Dir	Wind Speed	Gust Speed	Precip	Events
12:53 AM	73.9 °F	-	66.0 °F	76%	29.82 in	10.0 mi	Calm	Calm	-	N/A	
1:53 AM	73.0 °F	-	64.0 °F	73%	29.81 in	10.0 mi	SSW	4.6 mph	-	N/A	
2:53 AM	72.0 °F	-	64.0 °F	76%	29.81 in	10.0 mi	Calm	Calm	-	N/A	
3:53 AM	71.1 °F	-	64.0 °F	78%	29.82 in	9.0 mi	Calm	Calm	-	N/A	

Time (CDT)	Temp.	Heat Index	Dew Point	Humidity	Pressure	Visibility	Wind Dir	Wind Speed	Gust Speed	Precip	Events	Clouds
4:53 AM	71.1 °F	-	64.0 °F	78%	29.83 in	9.0 mi	Calm	Calm	-	N/A		0
5:53 AM	71.1 °F	-	64.9 °F	81%	29.84 in	9.0 mi	Calm	Calm	-	N/A		0
6:53 AM	71.1 °F	-	64.9 °F	81%	29.85 in	8.0 mi	Calm	Calm	-	N/A		0
7:53 AM	71.1 °F	-	66.0 °F	84%	29.86 in	7.0 mi	Calm	Calm	-	N/A		0
8:53 AM	75.0 °F	-	66.0 °F	73%	29.88 in	8.0 mi	West	4.6 mph	-	N/A		0
9:53 AM	79.0 °F	-	66.0 °F	64%	29.89 in	9.0 mi	West	8.1 mph	-	N/A		0
10:53 AM	81.0 °F	83.0 °F	66.0 °F	60%	29.89 in	9.0 mi	WSW	8.1 mph	-	N/A		0
11:53 AM	84.0 °F	86.5 °F	66.9 °F	56%	29.88 in	10.0 mi	West	10.4 mph	20.7 mph	N/A		0
12:53 PM	84.0 °F	86.5 °F	66.9 °F	56%	29.87 in	10.0 mi	Variable	5.8 mph	-	N/A		0
1:53 PM	86.0 °F	88.2 °F	66.0 °F	51%	29.85 in	9.0 mi	Variable	4.6 mph	-	N/A		0
2:53 PM	88.0 °F	89.6 °F	64.9 °F	46%	29.83 in	10.0 mi	WSW	8.1 mph	-	N/A		0
3:53 PM	88.0 °F	88.7 °F	63.0 °F	43%	29.82 in	10.0 mi	Variable	3.5 mph	-	N/A		0
4:53 PM	89.1 °F	90.3 °F	64.0 °F	43%	29.80 in	10.0 mi	Variable	4.6 mph	-	N/A		0
5:53 PM	88.0 °F	89.6 °F	64.9 °F	46%	29.80 in	10.0 mi	West	4.6 mph	-	N/A		0
6:53 PM	87.1 °F	88.3 °F	64.0 °F	46%	29.79 in	10.0 mi	Calm	Calm	-	N/A		0
7:53 PM	82.9 °F	85.4 °F	66.9 °F	58%	29.81 in	10.0 mi	SSE	4.6 mph	-	N/A		0
8:53 PM	80.1 °F	82.7 °F	68.0 °F	67%	29.83 in	10.0 mi	South	5.8 mph	-	N/A		0
9:53 PM	79.0 °F	-	68.0 °F	69%	29.85 in	10.0 mi	South	3.5 mph	-	N/A		0
10:53 PM	78.1 °F	-	69.1 °F	74%	29.86 in	9.0 mi	South	6.9 mph	-	N/A		0
11:53 PM	77.0 °F	-	68.0 °F	74%	29.86 in	9.0 mi	South	4.6 mph	-	N/A		0

Attachment 3

Odor Survey Point 1
09/13/2017
Nichole Batista Nunes and Isaiah Longoria



Supplemental Investigator's Odor Intensity Time Log

Investigator: Nichole Batista Nunes Location: Blue Ridge (29, 566727, -95.737585)
 Date of Investigation: 9/13/17 Start Time: 9:52am

Minutes	Odor Intensity VL, L, M, S, VS
1 min	S
2	M
3	M
4	M
5	L
6	M
7	L
8	M
9	L
10	M
11	L
12	M
13	L
14	L
15	M
16	L
17	VL 10:09a
18	VL
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	

77°F
0.00 in
66% Hum
7 mph W

Odor Description: Garbage

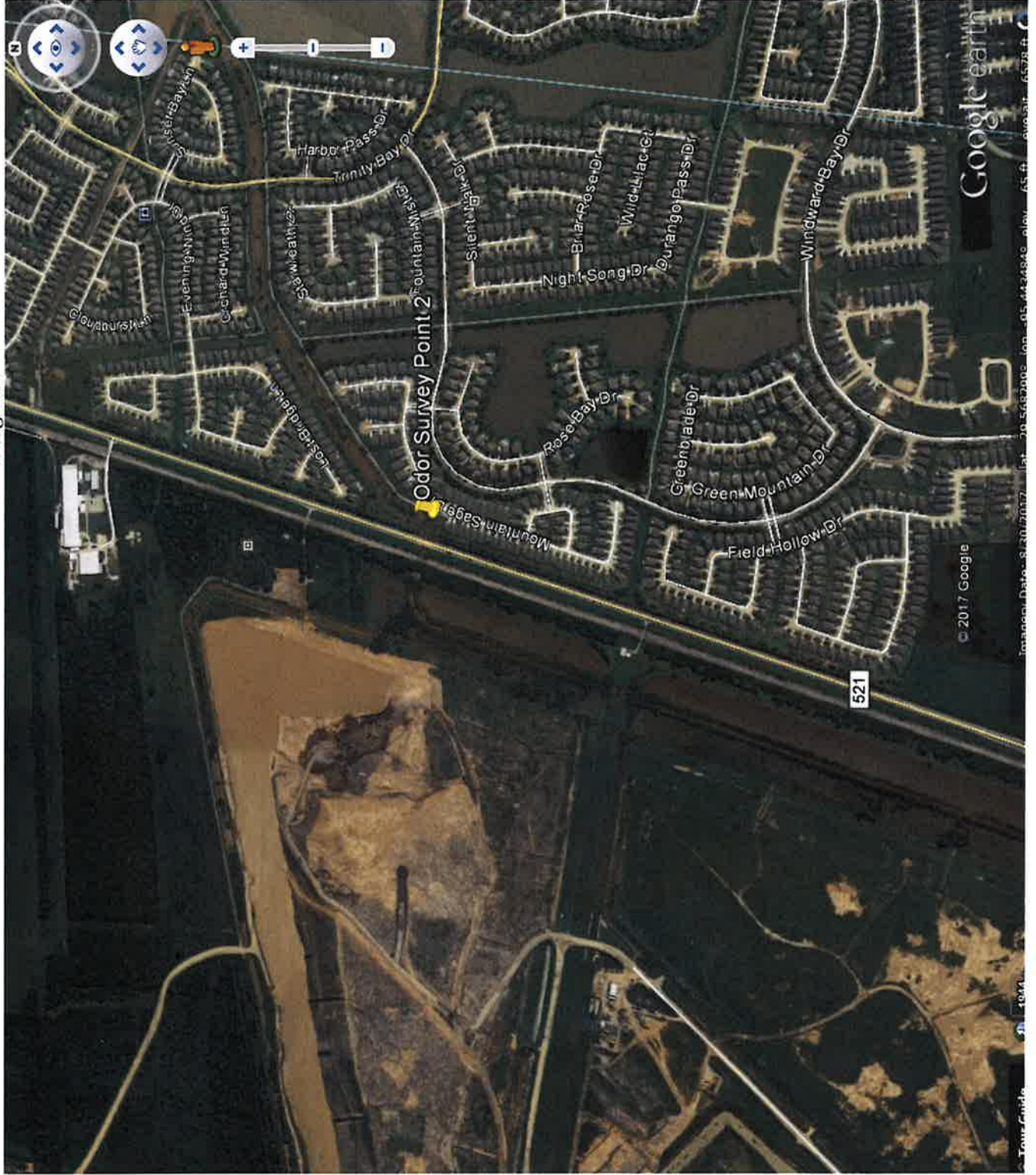
Offensiveness: Highly _____ Offensive Unpleasant _____ Not Unpleasant _____

Weighted Average Intensity:

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

Attachment 4

Odor Survey Point 2
09/13/2017
Nichole Batista Nunes and Isaiah Longoria



Supplemental Investigator's Odor Intensity Time Log

Investigator: Nichole Batista Nunez

Location: Blue Ridge (29.565771, -95.437157)

Date of Investigation: 9/13/17

Start Time: 10:18 am

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

77°F
0.00 in
66% Hum
7 mph W

Odor Description: Garbage

Offensiveness: Highly _____ Offensive Unpleasant _____ Not Unpleasant _____

Weighted Average Intensity:

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

Attachment 5

Inspection Sample Results

Entity Name: Blue Ridge Landfill

TCEQ ID No: TXR05S302

Date of Inspection: 09/13/2017

Sampling Location & Parameter	Measured Value	Authorized Limit	Sample Type	COC Tag No.	Primary Source of Wastewater or Waste
Fe (mg/L)	1.644	1.30	Grab	W008052-01	Stormwater
TSS (mg/L)	41.1	100	Grab	W008052-01	Stormwater
NH3-N (mg/L)	<0.10	N/A	Grab	W008052-01	Stormwater
BOD (mg/L)	<2.0	N/A	Grab	W008052-01	Stormwater
COD (mg/L)	27.0	N/A	Grab	W008052-01	Stormwater
pH (s.u.)	6.77	N/A	Grab	N/A	Stormwater
D.O. (mg/L)	8.88	N/A	Grab	N/A	Stormwater



LABORATORY TEST RESULTS

Job ID : 17090680

Date 9/20/2017

Client Name:	TCEQ	Attn: Nichole Batista Nunes
Project Name:	W008052 / Reg: 12, Org #: TCEQ, Program: WQ	

Client Sample ID: W008052-01	Job Sample ID: 17090680.01
Date Collected: 09/13/17	Sample Matrix: Water
Time Collected: 12:25	
Other Information:	

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
EPA 200.7	Total Recoverable Metals								
	Iron	1.644	mg/L	1	0.01			09/14/17 14:31	BRR
SM 2540D	Total suspended solids								
	TSS	41.1	mg/L	0.400	1			09/14/17 17:40	PM
SM 4500NH3D	Ammonia as Nitrogen								
	Ammonia as N	BRL	mg/L	1	0.1			09/14/17 14:00	AJ
SM 5210B	Biochemical Oxygen Demand								
	BOD	BRL	mg/L	1	2			09/14/17 07:00	CO
SM 5220D	Chemical Oxygen Demand								
	COD	27.0	mg/L	1	10			09/18/17 12:40	AJ

Chain of Custody Record

W 008052

Send to:
 Houston Laboratory
 Phone: 281-457-5229

Region: 12 Organization #: TCEQ PCA Code: _____ Program: 1 LG
 Sampler Name: Mark Patricia Burgos Sampler Signature: Mark Patricia Burgos
 Sampler phone number: 713-767-3636 E-Mail ID: mark.p.burgos@tceq.texas.gov

LAB USE ONLY	Sample ID	Sampling		Comp	Grab	Matrix L = Liquid S = Solid	No. of Containers	Containers* Preservatives**	BOD Analyses Requested	CBOD	TSS	NH ₃ -N	E. Coli	COD	Fe	Remarks
		Date	Time													
	-01	01/17	12:23	✓		L		1								
	-02															
	-03															
	-04															
	-05															
	-06															
	-07															
	-08															

RELINQUISHED BY _____ **DATE** 01/17/15 **TIME** 15:12 **RECEIVED BY** _____ **DATE** 01/17/15 **TIME** 15:12

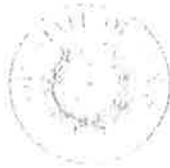
Shipper Name: _____ **Shipper Number:** _____

*Containers: P = Plastic G = Clear Glass A = Amber Glass V = VOA Vials O = Other _____
 **Preservatives: 1 = Ice 2 = H₂SO₄ 3 = HCl 4 = HNO₃ 5 = Na₂S₂O₃ 6 = Other _____

FOR LAB USE ONLY
 Received on Ice: Y N
 Temperature: 17.0.5=12 °C (Accuracy)
 Preserved: Y N
 COC Seal: Y N
 Seals Intact: Y N

ATTACHMENT 6

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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

September 07, 2017

Scott Trebus, Area Manager, Engineering and Environmental
Republic Services
13630 Fondren Road
Houston, Texas 77085

Re: Texas Hurricane Harvey (DR-4332)
Fort Bend County Temporary Debris Site Approval
Blue Ridge Landfill, 2200 Farm-to-Market Road 521, Fresno, Texas 77545
Regulated Entity No. 102610102 / Customer No. 602820599

Dear Mr. Trebus:

The Texas Commission on Environmental Quality (TCEQ) Dallas/Fort Worth Region Office received the completed Request for Approval of Temporary Debris Management Site for Debris Resulting from Declared State or Federal Disaster form (TCEQ Form-20660) on August 28, 2017, for temporary approval to stage debris; chip/grind vegetative debris; and recycle as a result of a declared disaster event. Consequently, Fort Bend County was included in the Federal Disaster Declaration on August 25, 2017 (Texas Hurricane Harvey DR-4332).

On September 7, 2017, Ms. Kendra Houston conducted an in-house site review of the above referenced location and evaluated the information you provided in TCEQ Form-20660. The TCEQ is granting temporary approval to conduct staging of construction and demolition debris and vegetative debris; chipping/grinding of vegetative debris; and recycling. Approval will remain effective until December 06, 2017. It is recommended you keep this letter for your records as it is considered necessary documentation for counties seeking reimbursement from the Federal Emergency Management Agency (FEMA) for disposal costs. Furthermore, this *temporary approval* does not relieve you of any other existing TCEQ regulations and authorization(s).

Please note that this temporary debris management site approval does not allow the staging of putrescible debris. All putrescible debris shall be taken directly to the working face and not staged with other storm-related debris.

Please also note that the temporary approval of this site applies only to the management of debris from the above referenced declared disaster event. The TCEQ shall be notified and approval shall be requested and obtained prior to utilizing the site for any future emergency debris management activities or additional activities not requested in the TCEQ Form-20660 received on August 28, 2017.

Scott Trebus
Page 2
September 07, 2017

The TCEQ appreciates your assistance in this matter. If you or members of your staff have any questions regarding this matter, please contact Mr. Jason Ybarra in the Houston Region Office at 713-767-3615 (Jason.ybarra@tceq.texas.gov).

Sincerely,

for 

Tony Walker
Regional Director
Dallas/Fort Worth Region Office
Texas Commission on Environmental Quality

TW/kh

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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

August 31, 2017

Mr. Scott Trebus
Area Manager
Republic Services
13630 Fondren Road
Houston, Texas 77085

Re: Blue Ridge Landfill - Fort Bend County
Municipal Solid Waste (MSW) - Permit No. 1505A
Temporary Emergency Authorization for Hurricane Harvey
Tracking No. 21890349; RN102610102/CN602820599

Dear Mr. Trebus:

The Texas Commission on Environmental Quality, MSW Permits Section has reviewed the referenced facility's request dated August 28, 2017, for an emergency authorization to address conditions created by Hurricane Harvey. The request seeks to expand operating hours; authorize a brush grinding operation; provide additional time for repairs of cover, perimeter access controls, landfill markers and signs; allow extended periods of increased leachate on the liner system; allow for discontinuous landfill gas collection and control system operation; suspend soil stockpile, working face size, and equipment requirements to provide a six-inch soil cover over the working face within one hour of detecting a fire; and suspend requirements for cleanup on roads within two miles of the landfill entrance. This emergency authorization is granted for 30 days from the date of this letter.

If you have any questions concerning this matter, please contact Mr. Steve Odil at (512) 239-4568. When addressing written correspondence, please use mail code MC 124.

This action is taken under authority delegated by the Executive Director of the Texas Commission on Environmental Quality.

Sincerely,

A handwritten signature in cursive script that reads "cgoodin".

Chance Goodin, Manager
Municipal Solid Waste Permits Section
Waste Permits Division

CG/SPO/cgm

Attachment 7

TCEQ EXIT INTERVIEW FORM: Potential Violations and/or Records Request


Regulated Entity/Site Name Blue Ridge Landfill		TCEQ Add. ID No. RN No (optional)		TXR05S302	
Investigation Type	Complaint	Contact Made In-House (Y/N)	N	Purpose of Investigation	Compliance
Regulated Entity Contact	Burgess Stengl	Telephone No.	[REDACTED]	Date Contacted	09/21/2017
Email address	[REDACTED]	FAX #	[REDACTED]	FAX/Email date	[REDACTED]

NOTICE: The information provided in this form is intended to provide clarity to issues that have arisen during the investigation process between the TCEQ and the regulated entity named above and does not represent final TCEQ findings related to violations. Any potential or alleged violations discovered after the date on this form will be communicated to the regulated entity representative prior to the issuance of a notice of violation or enforcement. Conclusions drawn from this investigation, including additional violations or potential violations discovered (if any) during the course of this investigation, will be documented in a final investigation-report.

No.	Type ¹	Rule Citation (if known)	Description of Issue
1	AI	Permit	Your benchmark for Iron is 1.3mg/L, the sample results indicated 1.644mg/L.
			According to the MSGP Part IV. (BENCHMARK MONITORING REQUIREMENTS)
			Section A (Use of Benchmark Data), 3: The permittee shall compare the results of the benchmark analyses to the benchmark values for any pollutant(s) that the permittee is required to monitor according to Part V of this general permit, and shall include this comparison in the overall assessment of the SWP3's effectiveness. Analytical results that exceed a benchmark value are not a violation of this permit, as these values are not numeric effluent limitations. However, not conducting benchmark sampling, not submitting the benchmark monitoring form with sample results, or not submitting the benchmark monitoring form with an explanation as to why the sampling failed to be conducted is a violation of the permit requirements for benchmark monitoring submittal. Exceedances of benchmark values indicate that modifications to the SWP3 and current BMP(s) may be necessary.

Note 1: Issue Type Can Be One or More of: AV (Alleged Violation), PV (Potential Violation), O (Other), or RR (Records Request)

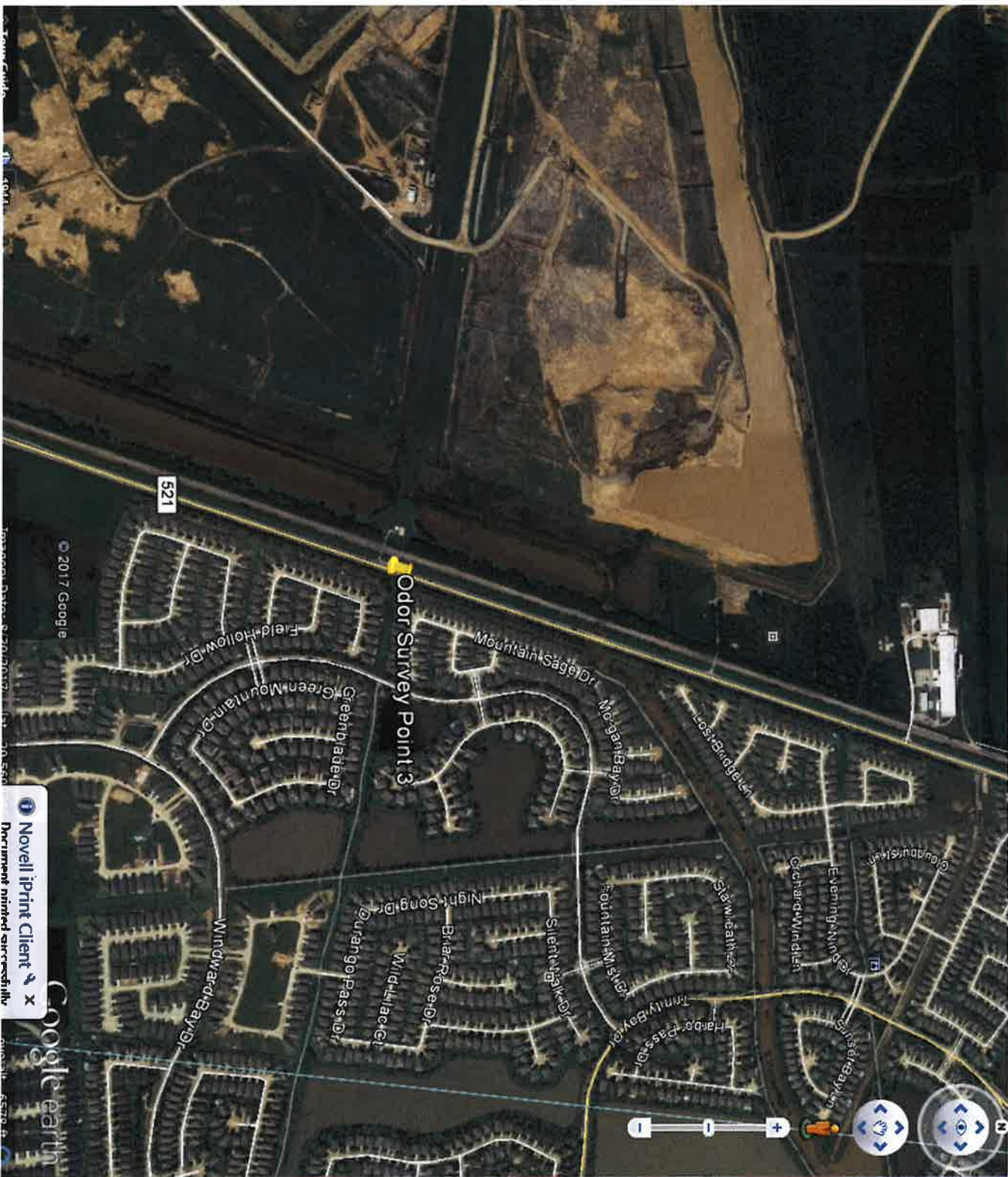
Did the TCEQ document the regulated entity named above operating without proper authorization?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the investigator advise the regulated entity representative that continued operation is not authorized?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Document Acknowledgment. Signature on this document establishes only that the regulated entity (RE) representative received a copy of this document and associated continuation pages on the date noted. If contact was made by telephone, the document will be sent via FAX or Email to RE; therefore, the RE signature is not required.	
 Investigator Name (Signed & Printed)	09/21/2017 Date
[REDACTED] Regulated Entity Representative Name (Signed & Printed)	9/21/17 Date

Attachment 8

Odor Survey Point 3
09/13/2017

Nichole Batista Nunes and Isaiah Longoria



Novell iPrint Client
Document printed successfully

Supplemental Investigator's Odor Intensity Time Log

Investigator: Nichole Batista Nunes Location: Odorizing Station (29.862213, -95.439241)
 Date of Investigation: 9/13/17 Start Time: 12:51p

Minutes	Odor Intensity VL, L, M, S, VS
1 min	ND
2	ND
3	ND
4	ND
5	ND
6	ND
7	ND
8	ND
9	ND
10	ND
11	ND
12	ND
13	ND
14	ND
15	ND
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	

85°F
 0.00 in
 45% Hum
 8 mph W

Odor Description: _____

Offensiveness: Highly _____ Offensive _____ Unpleasant _____ Not Unpleasant _____

Weighted Average Intensity:

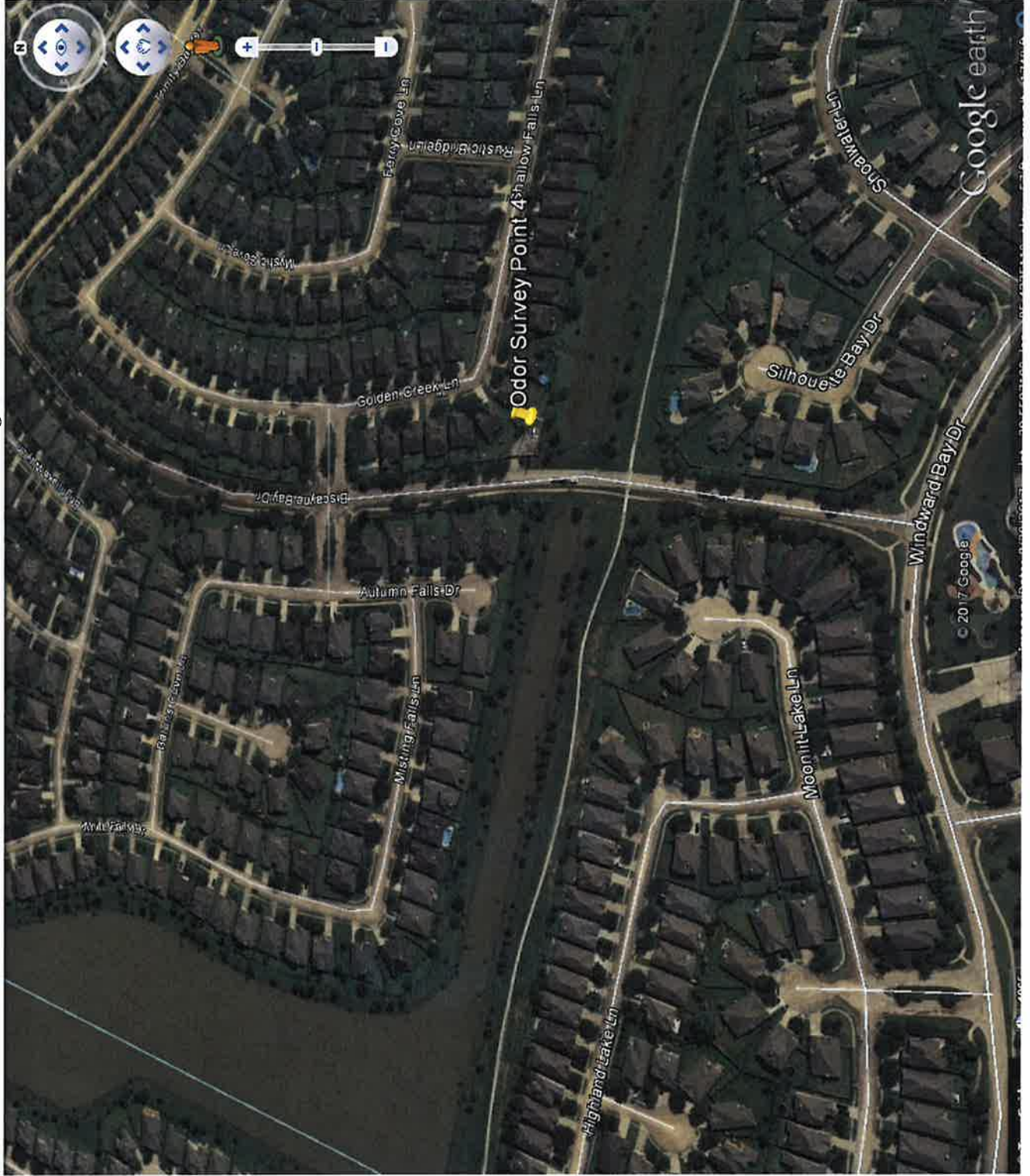
	VS	S	M	L	VL	No Odor
1 Min						
10 Min						
1 Hour						

Attachment 9

Odor Survey Point 4

09/13/2017

Nichole Batista Nunes and Isaiah Longoria



Supplemental Investigator's Odor Intensity Time Log

Investigator: Nichole Batista Nunes
 Date of Investigation: 9/13/17

Location: Biscayne Bay, Dr (29.560289, -95.424656)
 Start Time: 1:17p

Minutes	Odor Intensity VL, L, M, S, VS
1 min	ND
2	ND
3	ND
4	ND
5	ND
6	ND
7	ND
8	ND
9	ND
10	ND
11	ND
12	ND
13	ND
14	ND
15	ND
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	

SE of lift station
 85°F
 0.00 in
 45% Hum
 8 mph W

Odor Description: _____

Offensiveness: Highly _____ Offensive _____ Unpleasant _____ Not Unpleasant _____

Weighted Average Intensity:

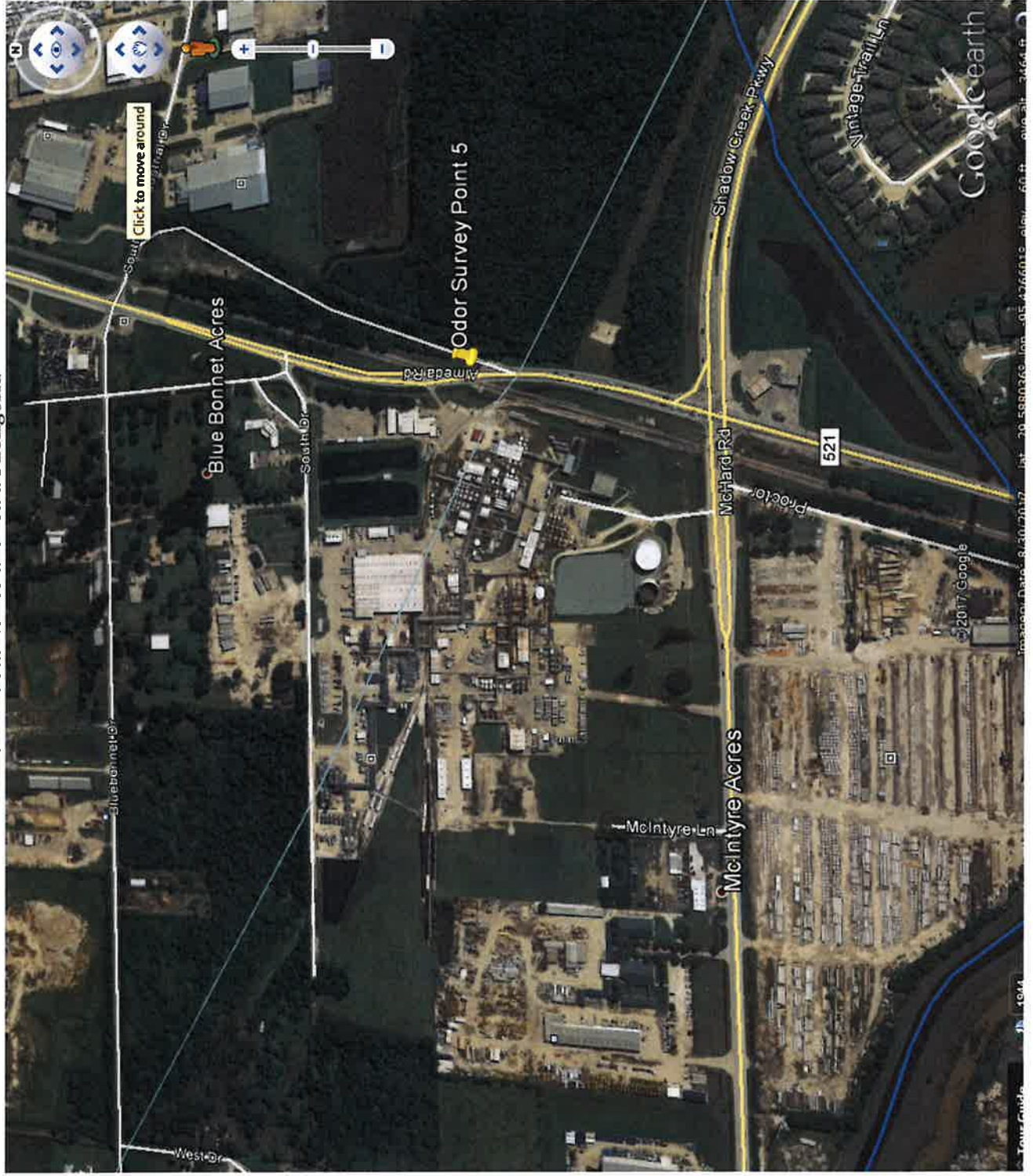
	VS	S	M	L	VL	No Odor
1 Min						
10 Min						
1 Hour						

Attachment 10

Odor Survey Point 5

09/13/2017

Nichole Batista Nunes and Isaiah Longoria



Supplemental Investigator's Odor Intensity Time Log

Investigator: Nichole Batista Nunes Location: Ahzo Noble (29.583830, -95.430856)
 Date of Investigation: 9/13/17 Start Time: 1:39p

Minutes	Odor Intensity VL, L, M, S, VS
1 min	ND
2	ND
3	ND
4	ND
5	ND
6	ND
7	ND
8	ND
9	ND
10	ND
11	ND
12	ND
13	ND
14	ND
15	ND
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	
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47	
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53	
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55	
56	
57	
58	
59	
60	

86°F
0.00 in
44% Hum
7 mph SW

Odor Description: _____

Offensiveness: Highly _____ Offensive _____ Unpleasant _____ Not Unpleasant _____

Weighted Average Intensity:

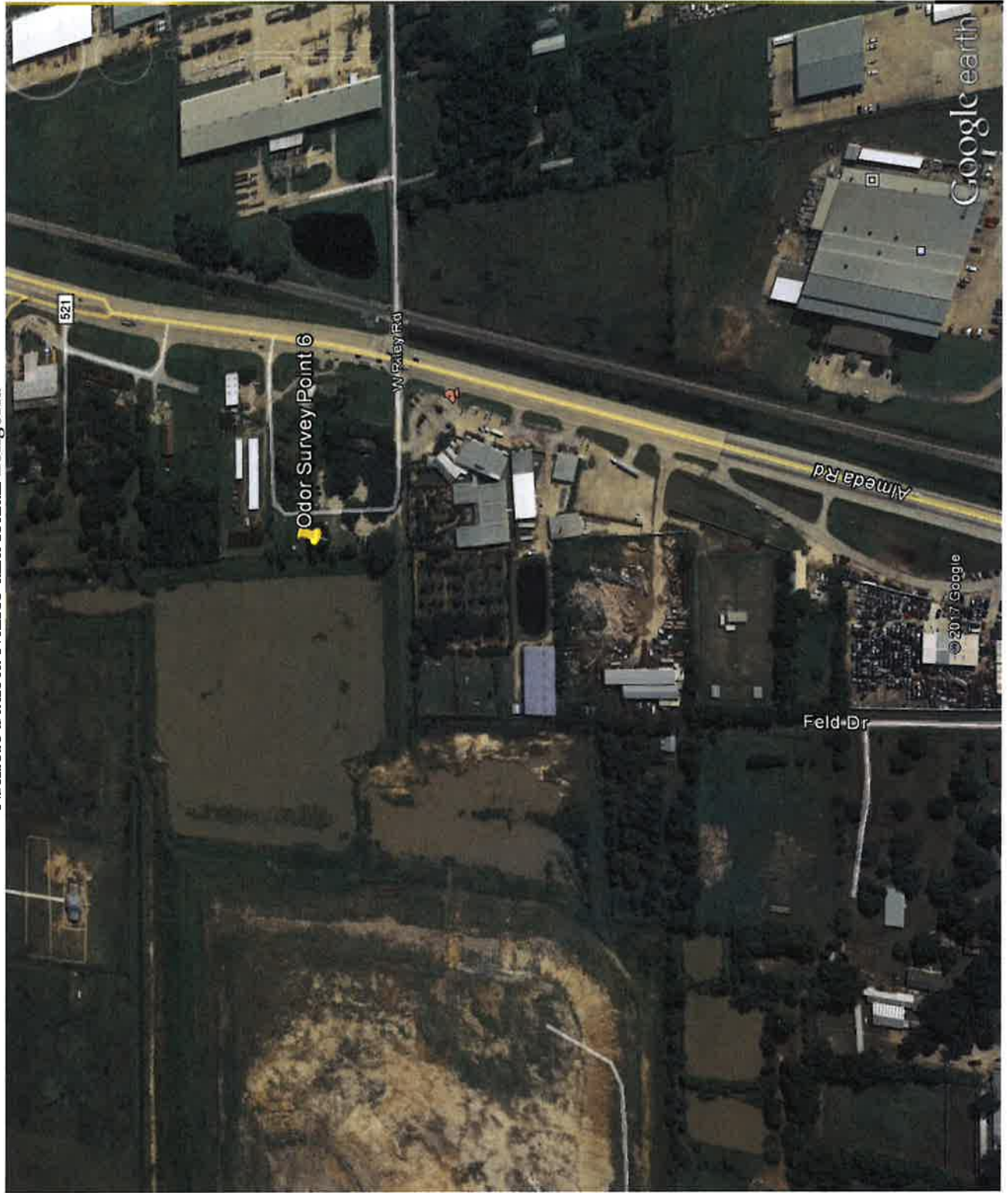
	VS	S	M	L	VL	No Odor
1 Min						
10 Min						
1 Hour						

Attachment 11

Odor Survey Point 6

09/13/2017

Nichole Batista Nunes and Isaiah Longoria



Supplemental Investigator's Odor Intensity Time Log

Investigator: Nichole Batista Nunes Location: Lanester (29.592316, -95.429624)
 Date of Investigation: 9/13/17 Start Time: 1:56p

Minutes	Odor Intensity VL, L, M, S, VS
1 min	L
2	L
3	ND
4	L
5	ND
6	ND
7	ND
8	ND
9	ND
10	ND
11	ND
12	ND
13	ND
14	L
15	ND
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	

87°F
 0.00 in
 43%
 7mph SW

Odor Description: Garbage

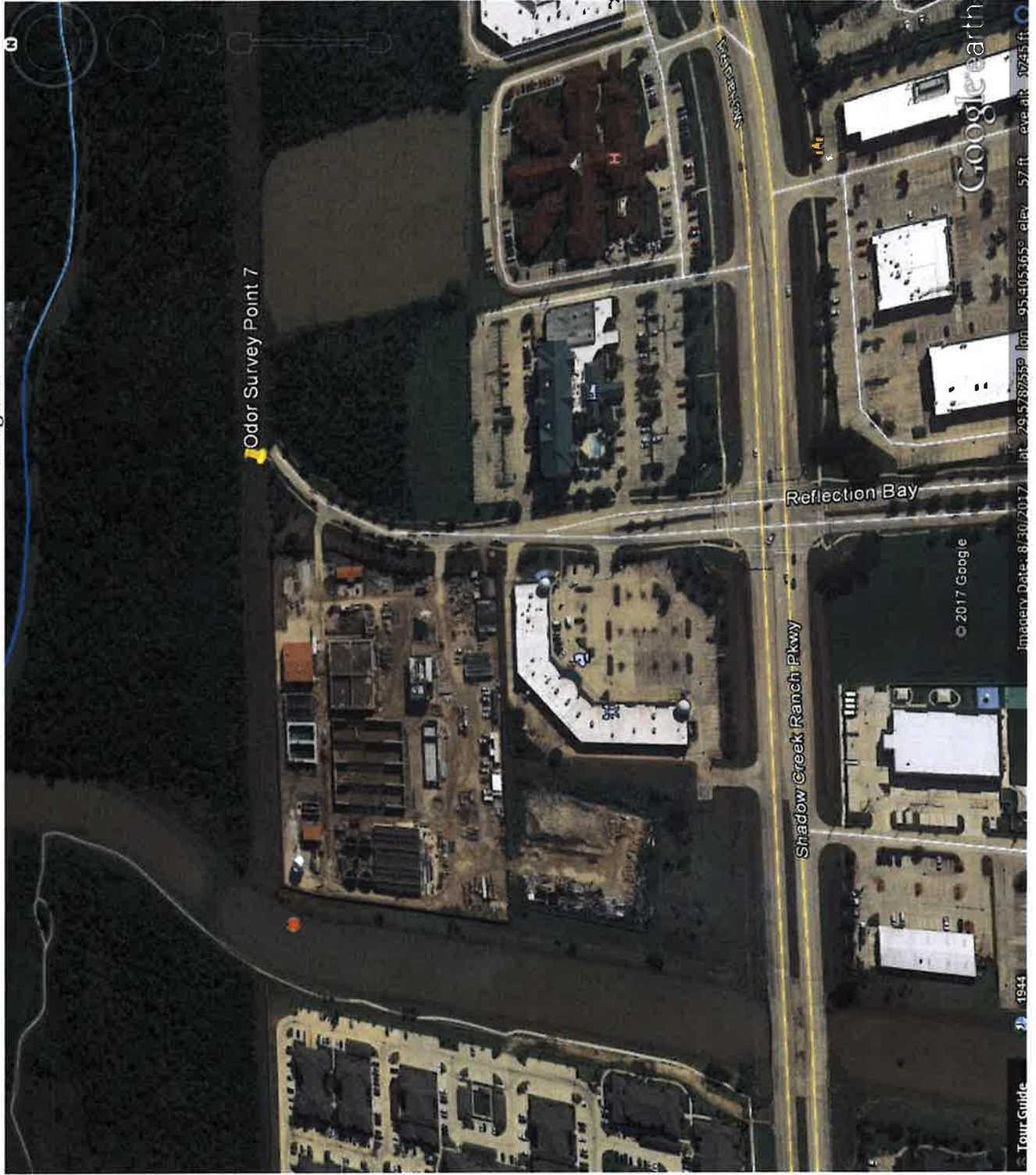
Offensiveness: Highly _____ Offensive Unpleasant _____ Not Unpleasant _____

Weighted Average Intensity:

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

Attachment 12

Odor Survey Point 7
09/13/2017
Nichole Batista Nunes and Isaiah Longoria



Supplemental Investigator's Odor Intensity Time Log

Investigator: Nichole Batista Nunes

Location: Reflection Bay (29.580104, -95.406339)

Date of Investigation: 9/13/17

Start Time: 2:16 p

Minutes	Odor Intensity VL, L, M, S, VS
1 min	ND
2	ND
3	ND
4	ND
5	ND
6	ND
7	ND
8	ND
9	ND
10	ND
11	ND
12	ND
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	
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57	
58	
59	
60	

86°F
0.00 in
44%
7mph SW

Odor Description: _____

Offensiveness: Highly _____ Offensive _____ Unpleasant _____ Not Unpleasant _____

Weighted Average Intensity:

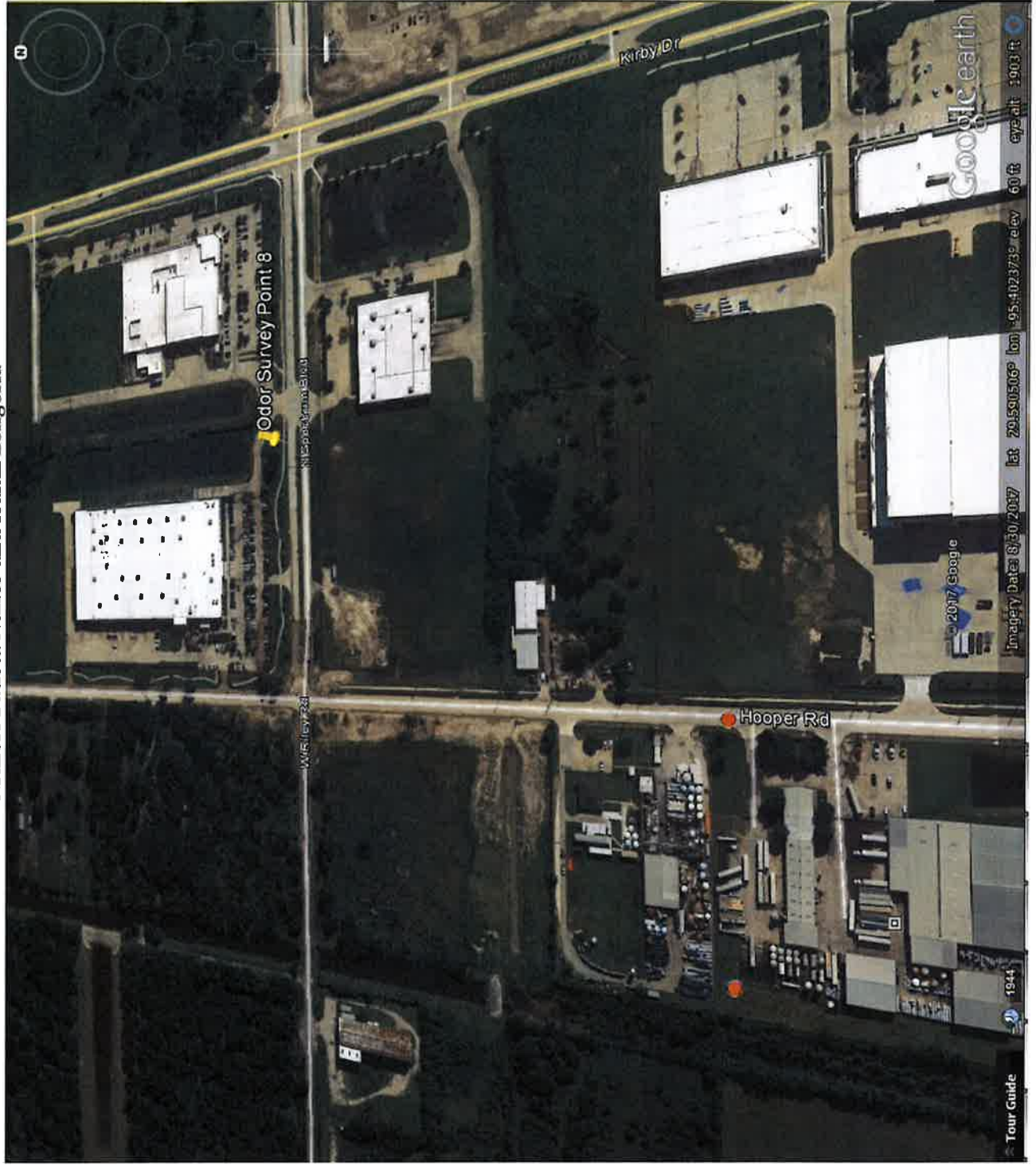
	VS	S	M	L	VL	No Odor
1 Min						
10 Min						
1 Hour						

Attachment 13

Odor Survey Point 8

09/13/2017

Nichole Batista Nunes and Isaiah Longoria



Supplemental Investigator's Odor Intensity Time Log

Investigator: Nichole Batista Nunes Location: Brenntag & Syntech (29.592155, -95.40285)
 Date of Investigation: 9/13/17 Start Time: 2:33 p

Minutes	Odor Intensity VL, L, M, S, VS
1 min	ND
2	ND
3	ND
4	ND
5	ND
6	ND
7	ND
8	ND
9	ND
10	ND
11	ND
12	ND
13	ND
14	ND
15	ND
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	
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59	
60	

Not possible to separate the two facilities due to wind direction
 86°F
 0.00 in
 44% Hum
 7 mph SW

Odor Description: _____

Offensiveness: Highly _____ Offensive _____ Unpleasant _____ Not Unpleasant _____

Weighted Average Intensity:

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

