

MWD_WQ0010134008_CP_20180124_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: City of Pearland
Customer Number: CN600595052

Regulated Entity Name: CITY OF PEARLAND

Regulated Entity Number: RN101920007

Investigation # 1466753

Investigator: NICHOLE NUNES

Conducted: 01/24/2018 -- 01/24/2018

Program(s): WASTEWATER

Investigation Type: Compliance Investigation

Incident Numbers

Site Classification DOMESTIC MAJOR

NAIC Code: 221320

SIC Code: 4952

Location: LOCATED APPROX 1000 FT N OF
MCHARD RD APPROX 1.25 MI W OF THE INTERX
OF MCHARD RD AND SH 288 IN BRAZORIA
COUNTY

Additional ID(s): TX0117501
WQ0010134008

Address: ,
, ,

Local Unit: REGION 12 - HOUSTON

Activity Type(s): WWRECONMAJ - WW Major Recon

Principal(s):

Role	Name
RESPONDENT	CITY OF PEARLAND

Contact(s):

Role	Title	Name	Phone
REGULATED ENTITY MAIL CONTACT	MAYOR	HON TOM REED	Work (281) 652-1600
REGULATED ENTITY CONTACT	WASTEWATER TREATMENT SUPERINTENDENT	MR MARK WAHLSTROM	Cell (713) 775-4082 Work (281) 652-1778
PARTICIPATED IN	OPERATOR	MR DYNNIE MITCHELL	Work (281) 924-8103
PARTICIPATED IN	PRETREATMENT COORDINATOR	MS Laurie Rodriguez	Work (281) 652-1813
PARTICIPATED IN	PRETREATMENT TECHNICIAN	MR JOSE HINOJOSA	Work (281) 652-1813 Cell (713) 775-4035

Other Staff Member(s):

Role	Name
Supervisor	WESTIN MASSEY
QA Reviewer	KELLEY KARTYE
Investigator	NICOLE MORRIS

Associated Check List

<u>Checklist Name</u>	<u>Unit Name</u>
WQ COMPLIANCE CHECK/RECONNAISSANCE INVESTIGATION	Recon

Investigation Comments:

INTRODUCTION

On January 24, 2018, investigators Ms. Nichole Batista Nunes and Ms. Nicole Morris 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 January 24, 2018. 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: 47-58° Fahrenheit; Wind Direction: Northeast-East; Wind Speed: Approximately 8-9 miles per hour; Precipitation: 0.0 inches; Source of Meteorological Conditions: Weather Underground (KAXH) (Attachment Two). 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.

The investigators arrived at Nail Road at 9:11 a.m. and surveyed the southwestern side of the Blue Ridge Landfill. The investigators conducted a 15 minute odor survey. No odors were detected (Attachment Three). The investigators left the area at 9:26 a.m.

The investigators arrived at Farm to Market (FM) Road at 9:35 a.m. and surveyed the southwestern side of the Energy Transfer Pipeline Odorizing Station. The investigators conducted a 15 minute odor survey. No odors were detected (Attachment Four). The investigators left the area at 9:50 a.m.

The investigators arrived at Biscayne Bay Drive at 10:09 a.m. and surveyed the southwestern side of the Biscayne Bay liftstation. The investigators conducted a 19 minute odor survey. Very light to moderate sewage odors were detected (Attachment Five). The investigators left the area at 10:28 a.m.

The investigators arrived at the intersection at McIntyre Lane at 10:43 a.m. and surveyed the southwestern side of the Akzo Noble Surface Chemistry. The investigators conducted an 18 minute odor survey. Very light to strong rubbery sweet odors were detected (Attachment Six). The investigators left at 11:01 a.m.

Immediately following the odor Akzo Noble Surface Chemistry survey, the investigators arrived onsite to Akzo Noble Surface Chemistry to complete an onsite survey. No odors were detected onsite. The investigators spoke with Mr. Sergio Sepuolveda, Environmental Manager with Akzo Noble Surface Chemistry. To his knowledge and after he consulted with maintenance onsite, no activity that could have resulted in an odor was being completed at the time of the odor survey. The investigators then departed the facility.

The investigators arrived at Hiram Clarke Road at 12:07 p.m. and surveyed the western side of Lone Star Disposal and Recycle Facility. The investigators conducted a 15 minute odor survey. No odors were detected (Attachment Seven). The investigators left the area at 12:22 p.m.

The investigators arrived at Alameda School Road at 12:34 p.m. and surveyed the western side of Syntech Chemical Incorporated and Brenntag Southwest. Due to the direction of the wind and the construction in the area, one odor

CITY OF PEARLAND -

1/24/2018 Inv. # - 1466753

Page 3 of 4

survey point was completed for both facilities. The investigators conducted a 15 minute odor survey. No odors were detected (Attachment Eight). The investigators left the area at 12:48 p.m.

The investigators arrived at Reflection Bay at 1:06 p.m. and surveyed the western side of Reflection Bay Wastewater Treatment Facility (WWTF). The investigators conducted a 23 minute odor survey. Light to moderate wastewater treatment odors were detected (Attachment Nine). The investigators left the area at 1:29 p.m.

Immediately following the odor Reflection Bay WWTF survey, the investigators arrived onsite of Reflection Bay WWTF to conduct an onsite survey. The investigators met with Ms. Laurie Rodriguez, Pretreatment Coordinator for the City of Pearland, Mr. Jose Hinojosa, Pretreatment Technician for the City of Pearland, and Mr. Dynnne Mitchell, Chief Operator for Reflection Bay WWTF. Mr. Mitchell led the investigators around the facility where they encountered the source of the odor. The odor control system at the headworks for Reflection Bay was offline due to a pump failure. Odor blocks have been added to abate any odors that may occur. See Attachment Ten for facility correspondence.

CONCLUSION

Three odor type were detected during the odor survey: a sewage odor emanating from Reflection Bay liftstation, a rubbery sweet odor emanating from Akzo Noble Surface Chemistry, and a wastewater treatment odor from Reflection Bay WWTF. According to the TCEQ Frequency, Intensity, Duration, and Offensiveness (FIDO) chart, the sewage related odor is characterized as offensive, the rubbery sweet odor is characterized as not unpleasant, and the wastewater treatment odor is characterized as unpleasant. The intensity of odors emanating from the Biscayne Bay liftstation was very light, Akzo Noble Surface Chemistry was very light, and the Reflection Bay WWTF was very light based on the time weighted average.

COMPLAINTS

Based on a review of TCEQ Consolidated Compliance and Enforcement Data System (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.

No Violations Associated to this Investigation

Signed



Environmental Investigator

Date

2/12/18

Signed



Supervisor

Date

2-12-18

Attachments: (in order of final report submittal)

____ Enforcement Action Request (EAR)

____ Maps, Plans, Sketches

☒ Letter to Facility (specify type) : GC

____ Photographs

____ Investigation Report

____ Correspondence from the facility

____ Sample Analysis Results

☒ Other (specify) :

____ Manifests

See list of attachments

____ Notice of Registration

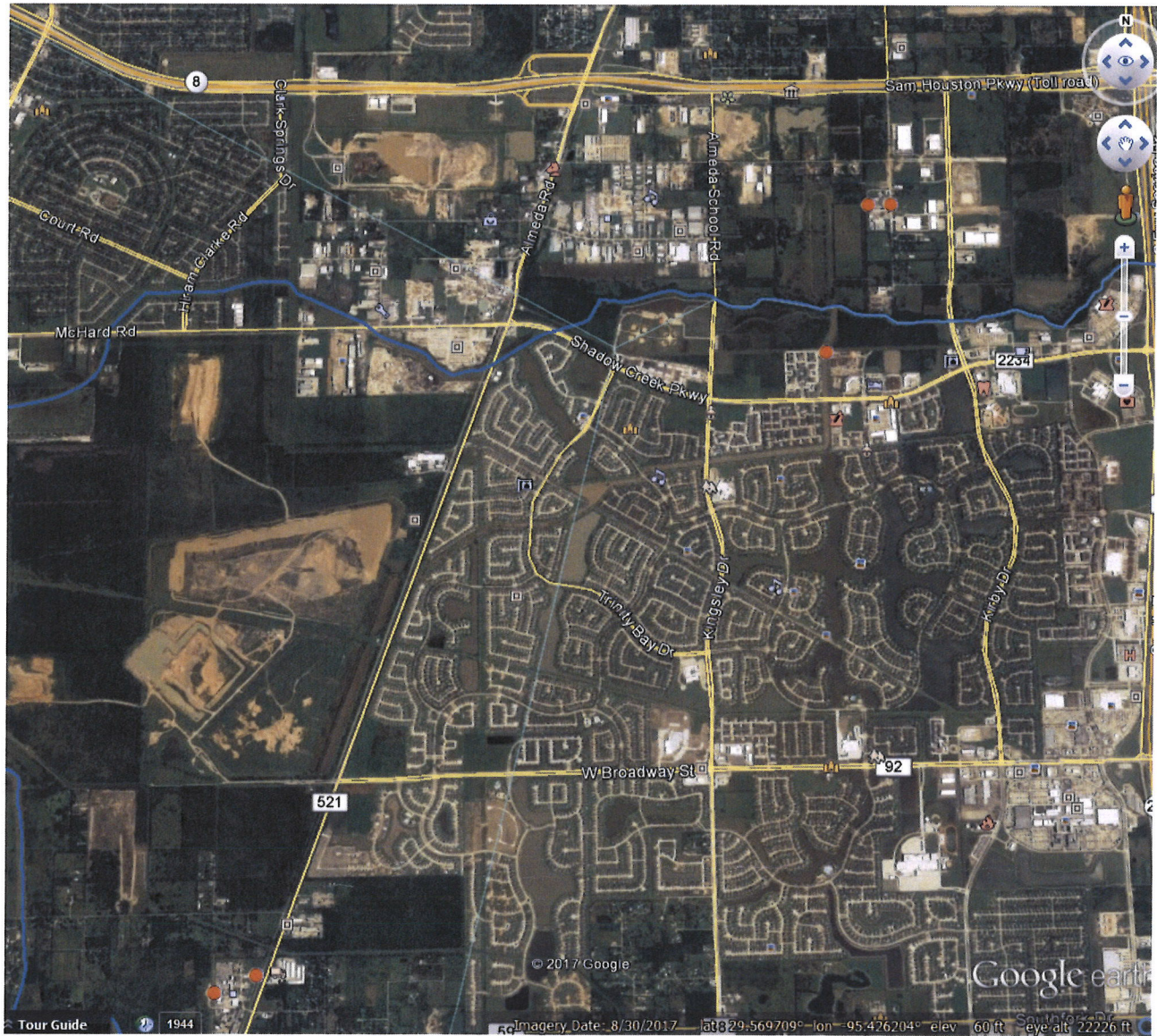
**Texas Commission on Environmental Quality
Investigation Report
City of Pearland
RN600595052
Pearland (Brazoria County), TX
Investigation No.: 1466753
Major Recon**

LIST OF ATTACHMENTS

1. Aerial View
2. Meteorological Data
3. Survey Point 1/Odor Log 1
4. Survey Point 2/Odor Log 2
5. Survey Point 3/Odor Log 3
6. Survey Point 4/Odor Log 4
7. Survey Point 5/Odor Log 5
8. Survey Point 6/Odor Log 6
9. Survey Point 7/Odor Log 7
10. Facility Correspondence

Attachment 1

**Texas Commission on Environmental Quality
Investigation Report
City of Pearland
Fort Bend County, Brazoria County, and Harris County, Texas
Water Quality Permit Number WQ0010134008
Water Quality Investigation Number 1466753
Conducted January 24, 2018**



Attachment 2

Houston Clover, TX 🏠

Clover

© 7:56 AM CST on January 31, 2018 (GMT -0600)

Weather History for KLVJ - January, 2018

January

24

2018

View

Wednesday, January 24, 2018

Daily

Weekly

Monthly

Custom

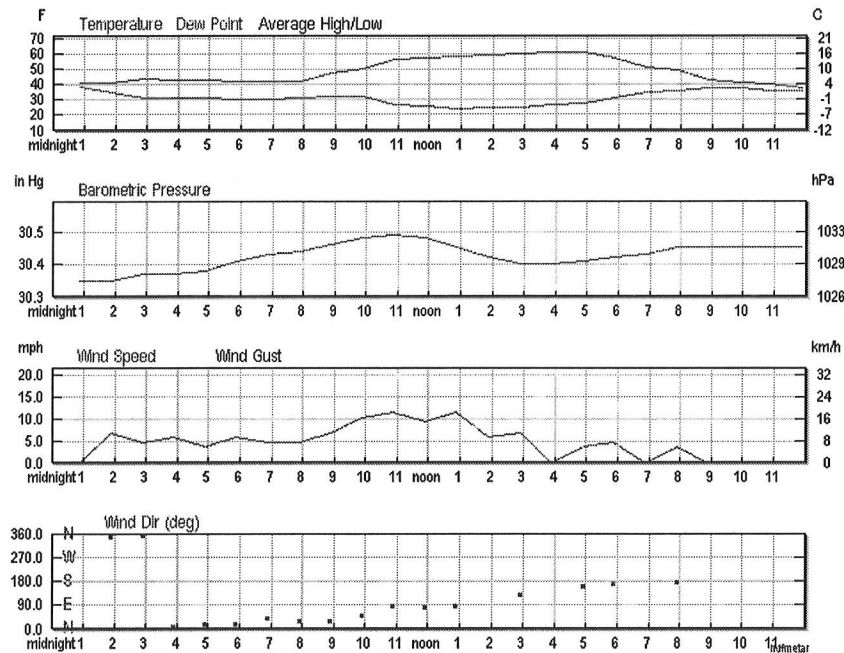
	Actual	Average (KEFD)	Record (KEFD)
Temperature			
Mean Temperature	50 °F	-	
Max Temperature	61 °F	63 °F	80 °F (2013)
Min Temperature	37 °F	45 °F	28 °F (2003)
Degree Days			
Heating Degree Days	15		
Moisture			
Dew Point	31 °F		
Average Humidity	56		
Maximum Humidity	96		
Minimum Humidity	26		
Precipitation			
Precipitation	0.00 in	-	- ()
Sea Level Pressure			
Sea Level Pressure	30.42 in		
Wind			
Wind Speed	4 mph (ENE)		
Max Wind Speed	12 mph		
Max Gust Speed	-		
Visibility	10 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:

January

24

Submit

Astronomy

Jan. 24, 2018	Rise	Set
Actual Time	7:14 AM CST	5:52 PM CST
Civil Twilight	6:48 AM CST	6:17 PM CST
Nautical Twilight	6:20 AM CST	6:46 PM CST
Astronomical Twilight	5:51 AM CST	7:14 PM CST
Moon	11:56 AM CST (1/24)	12:00 AM CST (1/24)
Length of Visible Light	11h 28m	
Length of Day	10h 38m	
Waxing Crescent, 48% of the Moon is Illuminated		

Jan 24	Jan 24	Jan 31	Feb 7	Feb 15
Waxing Crescent	First Quarter	Full	Last Quarter	New

Hourly Weather History & Observations

Time (CST)	Temp.	Windchill	Dew Point	Humidity	Pressure	Visibility	Wind Dir	Wind Speed	Gust Speed	Precip	Events	Conditions
12:53 AM	41.0 °F	-	37.9 °F	89%	30.35 in	10.0 mi	Calm	Calm	-	N/A		Clear
1:53 AM	41.0 °F	36.4 °F	35.1 °F	79%	30.35 in	10.0 mi	North	6.9 mph	-	N/A		Clear
2:53 AM	44.1 °F	41.5 °F	30.9 °F	60%	30.37 in	10.0 mi	North	4.6 mph	-	N/A		Clear
3:53 AM	43.0 °F	39.5 °F	30.9 °F	62%	30.37 in	10.0 mi	North	5.8 mph	-	N/A		Clear
4:53 AM	43.0 °F	41.3 °F	30.9 °F	62%	30.38 in	10.0 mi	NNE	3.5 mph	-	N/A		Clear
5:53 AM	42.1 °F	38.4 °F	30.0 °F	62%	30.41 in	10.0 mi	NNE	5.8 mph	-	N/A		Clear
6:53 AM	42.1 °F	39.2 °F	30.0 °F	62%	30.43 in	10.0 mi	NE	4.6 mph	-	N/A		Clear
7:53 AM	42.1 °F	39.2 °F	30.9 °F	65%	30.44 in	10.0 mi	NNE	4.6 mph	-	N/A		Clear
8:53 AM	46.9 °F	-	32.0 °F	56%	30.46 in	10.0 mi	NNE	6.9 mph	-	N/A		Clear
9:53 AM	50.0 °F	-	32.0 °F	50%	30.48 in	10.0 mi	NE	10.4 mph	-	N/A		Clear
10:53 AM	55.9 °F	-	27.0 °F	33%	30.49 in	10.0 mi	East	11.5 mph	-	N/A		Clear
11:53 AM	57.0 °F	-	26.1 °F	30%	30.48 in	10.0 mi	East	9.2 mph	-	N/A		Clear
12:53 PM	57.9 °F	-	24.1 °F	27%	30.45 in	10.0 mi	East	11.5 mph	-	N/A		Clear
1:53 PM	59.0 °F	-	25.0 °F	27%	30.42 in	10.0 mi	Variable	5.8 mph	-	N/A		Clear
2:53 PM	60.1 °F	-	25.0 °F	26%	30.40 in	10.0 mi	SE	6.9 mph	-	N/A		Clear
3:53 PM	61.0 °F	-	27.0 °F	27%	30.40 in	10.0 mi	Calm	Calm	-	N/A		Clear
4:53 PM	61.0 °F	-	28.0 °F	29%	30.41 in	10.0 mi	SSE	3.5 mph	-	N/A		Clear
5:53 PM	57.0 °F	-	30.9 °F	37%	30.42 in	10.0 mi	South	4.6 mph	-	N/A		Clear
6:53 PM	51.1 °F	-	35.1 °F	54%	30.43 in	10.0 mi	Calm	Calm	-	N/A		Clear
7:53 PM	48.9 °F	-	36.0 °F	61%	30.45 in	10.0 mi	South	3.5 mph	-	N/A		Clear
8:53 PM	43.0 °F	-	37.0 °F	80%	30.45 in	10.0 mi	Calm	Calm	-	N/A		Clear
9:53 PM	41.0 °F	-	37.0 °F	86%	30.45 in	10.0 mi	Calm	Calm	-	N/A		Clear
10:53 PM	39.9 °F	-	36.0 °F	86%	30.45 in	10.0 mi	Calm	Calm	-	N/A		Clear
11:53 PM	37.0 °F	-	36.0 °F	96%	30.45 in	10.0 mi	Calm	Calm	-	N/A		Clear

Attachment 3

Odor Survey Point 1
01/24/2018
Nichole Batista Nunes and Nicole Morris



Supplemental Investigator's Odor Intensity Time Log

Investigator: Nichole Batista Nunes Location: (29.553868, -95.4591093)
 Date of Investigation: 11/24/18 Start Time: 9:11 am

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	

47° F
 clear
 0.00 in
 48% Hum
 8 mph NE

Odor Description: _____

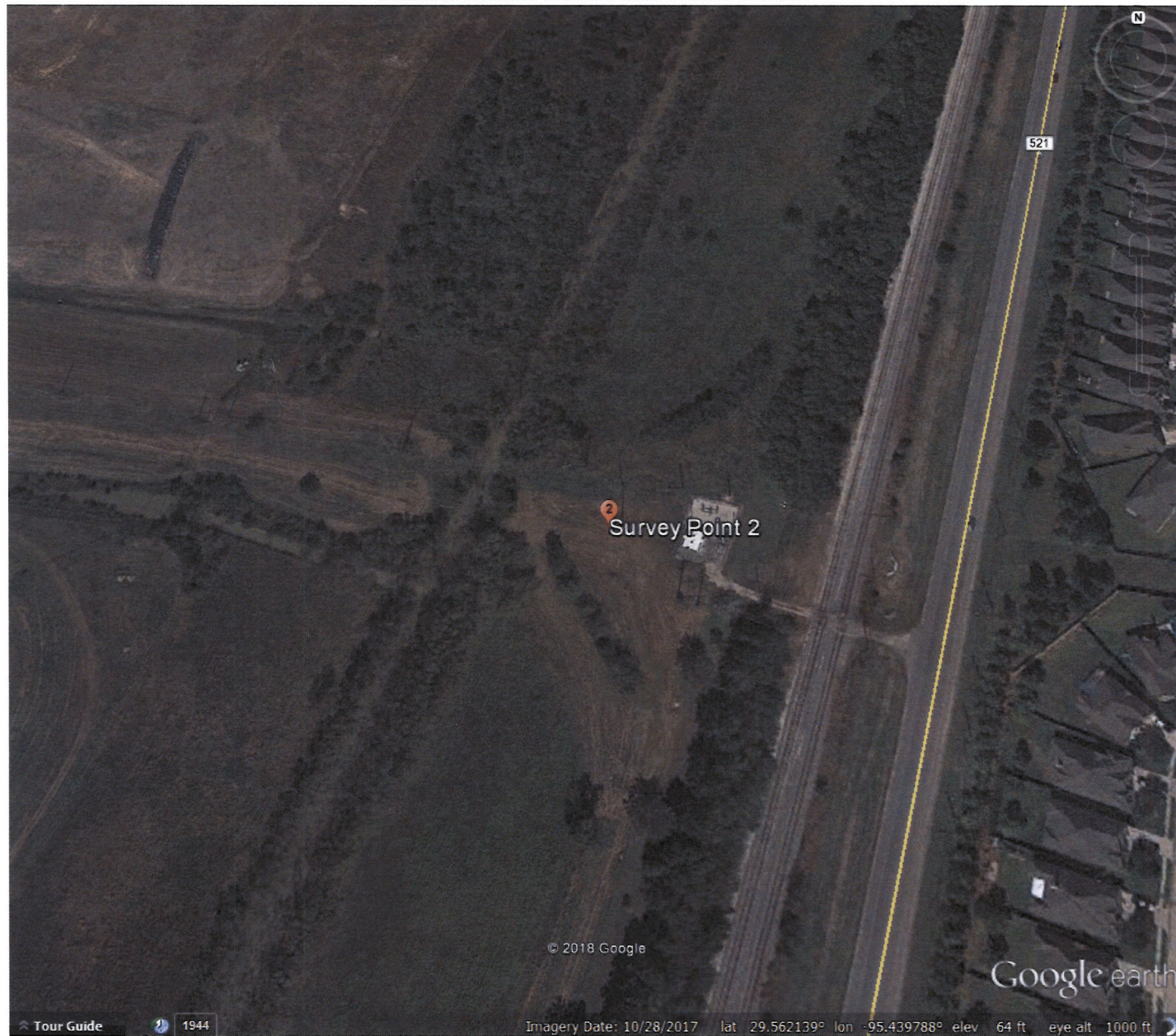
Offensiveness: Highly _____ Offensive _____ Unpleasant _____ Not Unpleasant _____

Weighted Average Intensity:

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

Attachment 4

Odor Survey Point 2
01/24/2018
Nichole Batista Nunes and Nicole Morris



Supplemental Investigator's Odor Intensity Time Log

Investigator: Nichole Batista Nunes

Location: (29.562564, -95.440368)

Date of Investigation: 1/24/18

Start Time: 9:35am

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	VL
14	VL
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	

50° F
Clear
0.00 in
44% Hum
9 mph NE

Odor Description: _____

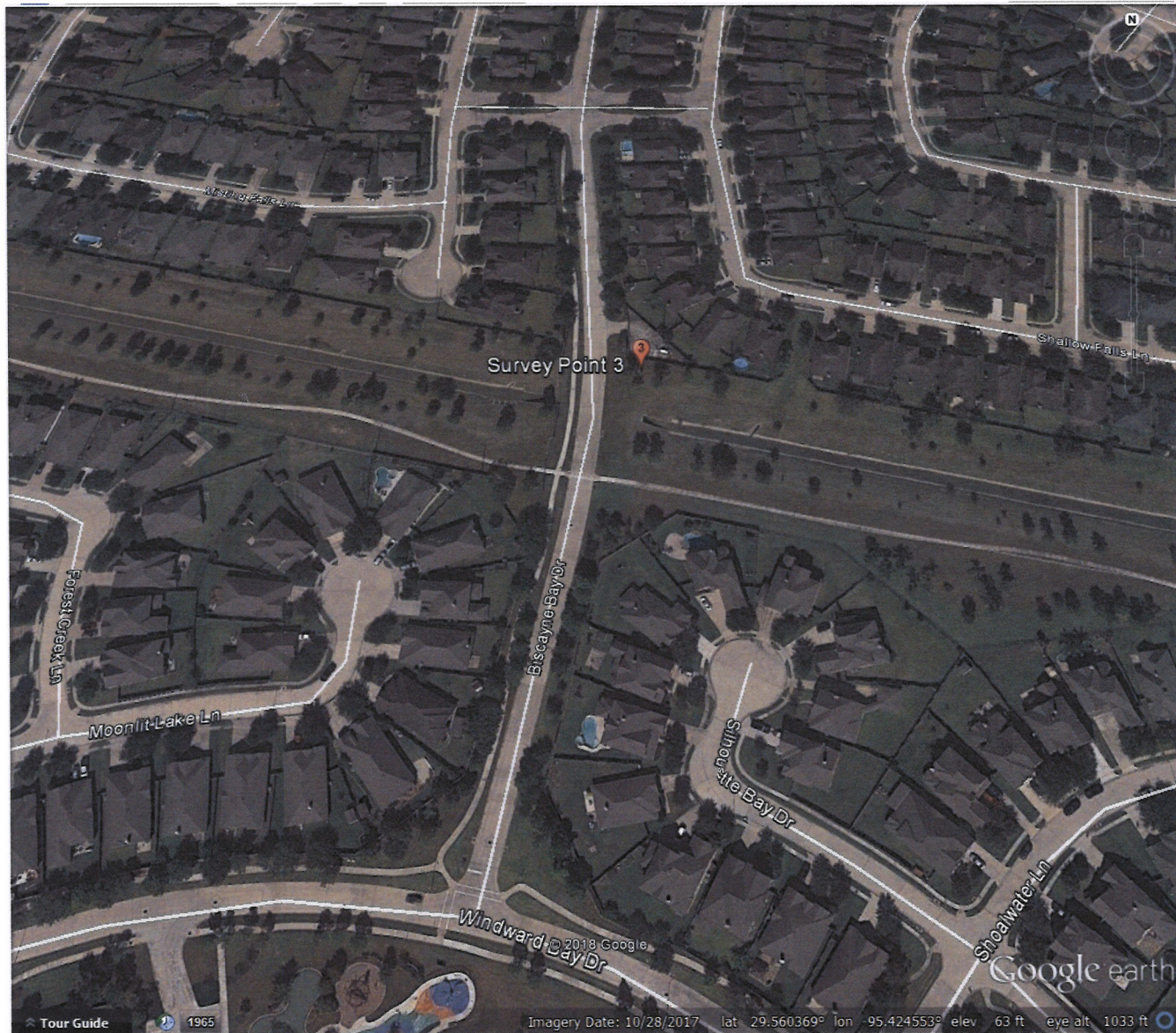
Offensiveness: Highly _____ Offensive _____ Unpleasant _____ Not Unpleasant _____

Weighted Average Intensity:

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

Attachment 5

Odor Survey Point 3
01/24/2018
Nichole Batista Nunes and Nicole Morris



Supplemental Investigator's Odor Intensity Time Log

Investigator: Nichole Batista Nunes Location: (29.560273, -95.424800)
 Date of Investigation: 1/24/2018 Start Time: 10:09 am

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

54°F
 Clear
 0.00 in
 41% Hum
 9 mph NE

Odor Description: fodder ^{NSN} sweet sewage
 Offensiveness: Highly ☒ Offensive ☒ ^{NSN} Unpleasant _____ Not Unpleasant _____

Weighted Average Intensity:

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

19

ATTACHMENT 6

Odor Survey Point 4
01/24/2018
Nichole Batista Nunes and Nicole Morris



Supplemental Investigator's Odor Intensity Time Log

Investigator: Nichole Batista Nunes Location: (29581890, -95.435786)
 Date of Investigation: 11/24/18 Start Time: 10:43

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

54°F
 Clear
 0.00 in
 41% Hum
 9 mph NE

Odor Description: rubbery sweet

Offensiveness: Highly _____ Offensive _____ Unpleasant _____ Not Unpleasant ☒

Weighted Average Intensity:

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

Attachment 7

Odor Survey Point 5
01/24/2018
Nichole Batista Nunes and Nicole Morris



Supplemental Investigator's Odor Intensity Time Log

Investigator: Nichole Bedista Nunes Location: (29.591501, -95.447000)
 Date of Investigation: 11/24/18 Start Time: 12:00 pm

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	

56°F
 Clear
 0.00 in
 37% Hum
 9 mph E

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 8

Odor Survey Point 6
01/24/2018
Nichole Batista Nunes and Nicole Morris



Supplemental Investigator's Odor Intensity Time Log

Investigator: Nichole Batista Nunes

Location: (29.585458, -95.417189)

Date of Investigation: 1/24/18

Start Time: 12:34

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	

56°F
Clear
0.00 in
37% Hum
9 mph E

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 7
01/24/2018
Nichole Batista Nunes and Nicole Morris



Supplemental Investigator's Odor Intensity Time Log

Investigator: Nichole Batista Nunes

Location: (29.579601, -95.409395)

Date of Investigation: 1/24/18

Start Time: 1:06 p

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

58°F
Clear
0.00 in
36% Hum
8 mph E

Odor Description: wastewater

Offensiveness: Highly _____ Offensive _____ Unpleasant _____ Not Unpleasant _____

Weighted Average Intensity:

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

Attachment 10

From: Dynnie Mitchell
To: Nichole Batista Nunes
Subject: Re: Reflection Bay Lift Station Rehabilitation
Date: Friday, February 02, 2018 12:04:50 PM

Good morning, Mrs. Nunes. At the moment, the odor control system at the head works is offline. Due to the fact, that the pump burned up from the freeze, but odor blocks were placed at the head works, til we receive the new pumps, in which, we should receive this upcoming week. Thanks, Dynnie.

Sent from my iPhone

Dynnie Mitchell
Treatment Plant Operator II | Public Works
City of Pearland | [REDACTED]
[REDACTED]

Get Connected:



How can we better serve you? Take our [customer satisfaction survey](#). Service – The Pearland Way.



On Feb 2, 2018, at 11:51 AM, Nichole Batista Nunes <[REDACTED]> wrote:

Mr. Mitchell,

Is the odor neutralizerGood morning, Reflection Bay has two loads for pick up on tomorrow. Thanks, Dynnie.currently operational at the headworks of Reflection Bay?

From: Dynnie Mitchell [REDACTED]
Sent: Thursday, January 25, 2018 6:52 AM
To: Nichole Batista Nunes <[REDACTED]>
Cc: Mark Wahlstrom <[REDACTED]>; Laurie Rodriguez
[REDACTED]
Subject: Reflection Bay Lift Station Rehabilitation

Good morning, Mrs. Nunes. This email is in regards to the requested information about the Reflection Bay lift station rehabilitation. The rehabilitation of the lift station will consist of a visual inspection, deep wall cleaning and applying an epoxy super coating of the lift station walls. The rehabilitation commenced a month ago and will continue for the next 5 months. The City of Pearland has taken preventative measures to optimize the odors from the manhole by placing odor blocks at the manholes and will be placing wooden covers on top of the grates covering the manholes at to front gate entrance of the plant. Please feel free to contact me

[REDACTED]. Thanks, Dynnie.

Dynnie Mitchell

Get Connected:

Treatment Plant Operator II | Public Works

City of Pearland | [REDACTED]

pearlandtx.gov

How can we better serve you? Take our [customer satisfaction survey](#). Service – The Pearland Way.



City of Pearland



Treatment Plant Operator II | Public Works
City of Pearland | [REDACTED]
[REDACTED]
[REDACTED]

On Feb 1, 2018 at 1:01 AM, Michelle Lammie Munoz wrote:

Hi, I am writing to you regarding the lift station rehabilitation project. I have been informed that the lift station is not operational at the moment. I am writing to you to see if there is any way to get the lift station operational again.

From: [REDACTED]
Sent: Tuesday, January 30, 2018 2:23 AM
To: Michelle Lammie Munoz
Cc: Mark W. Lammie
Subject: Rehabilitation of the Lift Station

Good morning, Mrs. Lammie. This email is in regards to the requested information about the Rehabilitation Bay lift station rehabilitation. The rehabilitation of the lift station will consist of a visual inspection, deep well cleaning and applying an epoxy water coating to the lift station walls. The rehabilitation commenced a month ago and will continue for the next 2 months. The City of Pearland has taken preventative measures to optimize the edges from the inside by placing curb blocks at the lift station and will be placing wooden covers on top of the gates to cover the manholes to front gate entrance of the plant. Please feel free to contact me

Thank you,
Dyane Mitchell

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

February 13, 2018

The Honorable Tom Reed, Mayor
City of Pearland
3519 Liberty Drive
Pearland, Texas 77581-5416

Re: Investigation at:
Reflection Bay Wastewater Treatment Facility, 1818 Reflection Bay Drive, Pearland
(Brazoria County), Texas
TCEQ WQ0010134008, EPA ID No.: TX0117501

Mayor Reed:

On January 24, 2018, Ms. Nichole Batista Nunes and Ms. Nicole Morris of the Texas Commission on Environmental Quality (TCEQ) Houston Region Office conducted an investigation of the above-referenced facility to evaluate compliance with applicable requirements for wastewater treatment. No violations are being alleged as a result of the investigation, however; please see the enclosed Additional Issue.

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 Ms. Nunes in the Houston Region Office at (713) 767-3638.

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

Westin Massey, Team Leader
Water Section
Houston Region Office

WM/NBN/pac

Enclosure: Summary of Investigation Findings