

# **TCEQ Handheld Monitoring Equipment Data**

## **ITC Fire – March 2019**

Shortly after receiving notification of the Deer Park fire at Intercontinental Terminals Company that began on March 17, 2019, TCEQ Regional staff initiated handheld monitoring surveys in the area. MultiRaes with various sensors were used for all survey activities. This instrument provides instantaneous readings for various compounds that may include the lower explosive limit (LEL), volatile organic compounds (VOC), hydrogen sulfide (H<sub>2</sub>S), carbon monoxide (CO), sulfur dioxide (SO<sub>2</sub>), radiation (Gamma), chlorine (CL<sub>2</sub>), ammonia (NH<sub>3</sub>), and oxygen levels (O<sub>2</sub>). UltraRAEs were used to monitor for benzene and Toxic Vapor Analyzers (TVA) were also used, when appropriate. This instrument measures most organic and inorganic gases.

Sample results from TCEQ's handheld monitoring equipment are listed below, including observations of odor and potential alternate sources for odor or instrument readings. Please note that all TVA results reported are recorded in parts per million (ppm) and negative readings are acceptable when they are within the acceptable range of error. Some normal levels, also known as background levels, of VOCs were noted to be between 2.3 ppm and 2.4 ppm. Data is updated as information becomes available.

Date	Location	Time (Approx.)	Instrument	Benzene	LEL	VOC	H2S	NH3	CO	Gamma	O2	SO2	CL2	Other Notes/ Observations
<b>Monday, April 22, 2019</b>														
4/22/2019	16202 Scales St., Channelview, TX	12:00 AM	MultiRAE Lite, UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	202 River Rd., Channelview, TX	12:20 AM	MultiRAE Lite, UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			Mild diesel smell, suspected 18- wheelers nearby
4/22/2019	16514 Oak Ln., Channelview, TX	12:40 AM	MultiRAE Lite, UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	1702 Northwood St., Channelview, TX	1:00 AM	MultiRAE Lite, UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	814 Banton St., Channelview, TX	1:20 AM	MultiRAE Lite, UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	15302 Acorn Green, Channelview, TX	1:40 AM	MultiRAE Lite, UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	15022 Chipperfield, Channelview, TX	2:00 AM	MultiRAE Lite, UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	14822 Easingwood, Houston, TX	2:20 AM	MultiRAE Lite, UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	1702 Merton Dr., Houston, TX	2:40 AM	MultiRAE Lite, UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor

Date	Location	Time (Approx.)	Instrument	Benzene	LEL	VOC	H2S	NH3	CO	Gamma	O2	SO2	CL2	Other Notes/Observations
<b>Monday, April 22, 2019</b>														
4/22/2019	16119 Marcellia Dr., Houston, TX	3:00 AM	MultiRAE Lite, UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	6533 Sheldon Rd., Houston, TX	3:20 AM	MultiRAE Lite, UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	7898 Sheldon Rd., Houston, TX	3:40 AM	MultiRAE Lite, UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	10364 Sheldon Rd., Houston, TX	4:00 AM	MultiRAE Lite, UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	8501 Miller Rd. 2, Houston, TX	4:20 AM	MultiRAE Lite, UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	7700 Edgewood Village, Houston, TX	4:40 AM	MultiRAE Lite, UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	13812 Beaumont Hwy., Houston, TX	5:00 AM	MultiRAE Lite, UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	8100 Kenton, Houston, TX	6:20 AM	MultiRAE Lite		0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	7300 E. Houston Rd., Houston, TX	6:43 AM	MultiRAE Lite		0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	12609 Powell Ln., Houston, TX	6:55 AM	MultiRAE Lite; UltraRAE3000	0 ppm	0%	0 ppm		0 ppm			20.9%		0 ppm	No odor
4/22/2019	Lakeside Dr., Channelview, TX	7:00 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor

Date	Location	Time (Approx.)	Instrument	Benzene	LEL	VOC	H2S	NH3	CO	Gamma	O2	SO2	CL2	Other Notes/ Observations
<b>Monday, April 22, 2019</b>														
4/22/2019	10725 Mesa Dr., Houston, TX	7:09 AM	MultiRAE Lite		0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	4219 Banner Dr., Houston, TX	7:15 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	12945 Myrtle Ln., Houston, TX	7:15 AM	MultiRAE Lite; UltraRAE3000	0 ppm	0%	0 ppm		0 ppm			20.9%		0 ppm	No odor
4/22/2019	725 Harding St., Channelview, TX	7:20 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	13614 East Freeway, Houston, TX	7:35 AM	MultiRAE Lite; UltraRAE3000	0 ppm	0%	0 ppm		0 ppm			20.9%		0 ppm	No odor
4/22/2019	9600 Villita St., Houston, TX	7:36 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	Tidwell Dr./Brock Park Blvd., Houston, TX	7:39 AM	MultiRAE Lite		0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	16031 Red Oak, Channelview, TX	7:40 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	14700 Waldine St., Houston, TX	7:56 AM	MultiRAE Lite; UltraRAE3000	0 ppm	0%	0 ppm		0 ppm			20.9%		0 ppm	No odor
4/22/2019	4920 Oates Rd., Houston, TX	8:00 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	17745 River Rd., Channelview, TX	8:00 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	7803 Uvalde Rd., Houston, TX	8:03 AM	MultiRAE Lite		0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	1030 Manor St., Houston, TX	8:15 AM	MultiRAE Lite; UltraRAE3000	0 ppm	0%	0 ppm		0 ppm			20.9%		0 ppm	No odor
4/22/2019	17433 River Rd., Channelview, TX	8:20 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor

Date	Location	Time (Approx.)	Instrument	Benzene	LEL	VOC	H2S	NH3	CO	Gamma	O2	SO2	CL2	Other Notes/ Observations
<b>Monday, April 22, 2019</b>														
4/22/2019	10912 Wallisville Rd., Houston, TX	8:25 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	Pineland Rd./Sheldon Park, Houston, TX	8:26 AM	MultiRAE Lite		0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	13940 Bonham St., Houston, TX	8:35 AM	MultiRAE Lite; UltraRAE3000	0 ppm	0%	0 ppm		0 ppm			20.9%		0 ppm	No odor
4/22/2019	310 Magnolia St., Channelview, TX	8:40 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	4015 Shadrack St., Houston, TX	8:45 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	Garret Rd./Pineland Rd., Houston, TX	8:53 AM	MultiRAE Lite		0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	13300 Orleans St., Houston, TX	8:56 AM	MultiRAE Lite; UltraRAE3000	0 ppm	0%	0 ppm		0 ppm			20.9%		0 ppm	No odor
4/22/2019	16935 Avenue B, Channelview, TX	9:00 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	12302 Nola Ct., Houston, TX	9:07 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	12500 Normandy Crossing Dr., Houston, TX	9:17 AM	MultiRAE Lite; UltraRAE3000	0 ppm	0%	0 ppm		0 ppm			20.9%		0 ppm	No odor
4/22/2019	406 Cedar Lane, Channelview, TX	9:20 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	500 Maxey Rd., Houston, TX	9:27 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	12425 Woodforest Blvd., Houston, TX	9:38 AM	MultiRAE Lite; UltraRAE3000	0 ppm	0%	0 ppm		0 ppm			20.9%		0 ppm	No odor
4/22/2019	16010 Avenue D, Channelview, TX	9:40 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor

Date	Location	Time (Approx.)	Instrument	Benzene	LEL	VOC	H2S	NH3	CO	Gamma	O2	SO2	CL2	Other Notes/ Observations
<b>Monday, April 22, 2019</b>														
4/22/2019	11626 Borderwood, Houston, TX	9:45 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	13582 Wallisville Rd., Houston, TX	10:00 AM	MultiRAE Lite; UltraRAE3000	0 ppm	0%	0 ppm		0 ppm			20.9%		0 ppm	No odor
4/22/2019	827 Becker St., Channelview, TX	10:00 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	Brock Park Blvd./Valley Wind Dr., Houston, TX	10:00 AM	MultiRAE Lite		0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	665 Maxey Rd., Houston, TX	10:05 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	14350 Wallisville Rd., Houston, TX	10:20 AM	MultiRAE Lite; UltraRAE3000	0 ppm	0%	0 ppm		0 ppm			20.9%		0 ppm	No odor
4/22/2019	1107 Bayou Dr., Channelview, TX	10:20 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	8827 Feland St., Lakewood Park, Houston, TX	10:22 AM	MultiRAE Lite		0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	1020 Maxey Rd., Houston, TX	10:25 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	16916 Shady Ln., Channelview, TX	10:40 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	5800 Uvalde Rd., Houston, TX	10:41 AM	MultiRAE Lite; UltraRAE3000	0 ppm	0%	0 ppm		0 ppm			20.9%		0 ppm	No odor
4/22/2019	11420 East Fwy., Houston, TX	10:45 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	Forest Hollow St./Mesa Dr., Houston, TX	10:45 AM	MultiRAE Lite		0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	1802 Amie Michele Ln., Channelview, TX	11:00 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor

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<b>Monday, April 22, 2019</b>														
4/22/2019	1402 Cheston Dr., Houston, TX	11:05 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	15411 Wallisville Rd., Houston, TX	11:05 AM	MultiRAE Lite; UltraRAE3000	0 ppm	0%	0 ppm		0 ppm			20.9%		0 ppm	No odor
4/22/2019	11620 N. Lake Houston Pkwy., Houston, TX	11:07 AM	MultiRAE Lite		0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	16502 Silla Ridge Ct., Channelview, TX	11:20 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	11509 Oxham St., Houston, TX	11:25 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	11303 C. E. King Pkwy., Houston, TX	11:27 AM	MultiRAE Lite		0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	1290 Dell Dale St., Channelview, TX	11:40 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	12302 Coulson St., Houston, TX	11:45 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	6741 New Forest Parkway, Houston, TX	11:50 AM	MultiRAE Lite; UltraRAE3000	0 ppm	0%	0 ppm		0 ppm			20.9%		0 ppm	No odor
4/22/2019	Dennis Way Ln./Gerngross Ln., Houston, TX	11:50 AM	MultiRAE Lite		0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	15111 Tayport Ln., Channelview, TX	12:00 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	12313 Kitty Ln. Houston, TX	12:05 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	6500 Purple Sage Rd., Houston, TX	12:15 PM	MultiRAE Lite; UltraRAE3000	0 ppm	0%	0 ppm		0 ppm			20.9%		0 ppm	No odor
4/22/2019	14918 Dunster Ln., Channelview, TX	12:20 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	1401 Clinton Dr., Galena Park, TX	12:27 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor

Date	Location	Time (Approx.)	Instrument	Benzene	LEL	VOC	H2S	NH3	CO	Gamma	O2	SO2	CL2	Other Notes/ Observations
<b>Monday, April 22, 2019</b>														
4/22/2019	7015 Wayside Dr., Houston, TX	12:29 PM	MultiRAE Lite		0%	0 ppm	0 ppm		0 ppm		20.9%	0 ppm		No odor
4/22/2019	1303 Sterling Green Ct., Channelview, TX	12:40 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	1001 Keene St., Galena Park, TX	12:45 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	7805 Uvalde Rd., Houston, TX	12:45 PM	MultiRAE Lite; UltraRAE3000	0 ppm	0%	0 ppm		0 ppm			20.9%		0 ppm	No odor
4/22/2019	7317 E. Houston Rd., Houston, TX	12:52 PM	MultiRAE Lite		0%	0 ppm	0 ppm		0 ppm		20.9%	0 ppm		No odor
4/22/2019	1431 Seafield Dr., Channelview, TX	1:00 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	2014 Clinton Dr., Galena Park, TX	1:05 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	8535 Green River Rd., Houston, TX	1:14 PM	MultiRAE Lite		0%	0 ppm	0 ppm		0 ppm		20.9%	0 ppm		No odor
4/22/2019	13158 Shelburne Rd., Houston, TX	1:15 PM	MultiRAE Lite; UltraRAE3000	0 ppm	0%	0 ppm		0 ppm			20.9%		0 ppm	No odor
4/22/2019	14950 Scooter Dr., Channelview, TX	1:20 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	2507 Clinton Dr., Galena Park, TX	1:25 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	8602 Tidwell Rd., Houston, TX	1:41 PM	MultiRAE Lite		0%	0 ppm	0 ppm		0 ppm		20.9%	0 ppm		No odor
4/22/2019	200 Mississippi St., Houston, TX	1:45 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	13201 Crim Rd., Houston, TX	1:45 PM	MultiRAE Lite; UltraRAE3000	0 ppm	0%	0 ppm		0 ppm			20.9%		0 ppm	No odor
4/22/2019	1406 Little Post Ln., Channelview, TX	2:00 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor



Date	Location	Time (Approx.)	Instrument	Benzene	LEL	VOC	H2S	NH3	CO	Gamma	O2	SO2	CL2	Other Notes/Observations
<b>Monday, April 22, 2019</b>														
4/22/2019	10118 Tidwell Rd., Houston, TX	2:02 PM	MultiRAE Lite		0%	0 ppm	0 ppm		0 ppm		20.9%	0 ppm		No odor
4/22/2019	Galena Park, Galena Park, TX	2:05 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	12405 Woodforest Blvd., Houston, TX	2:12 PM	MultiRAE Lite; UltraRAE3000	0 ppm	0%	0 ppm		0 ppm			20.9%		0 ppm	No odor
4/22/2019	1943 Kamren Dr., Channelview, TX	2:20 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	2108 11th St., Galena Park, TX	2:25 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	12017 Garrett Rd., Houston, TX	2:26 PM	MultiRAE Lite		0%	0 ppm	0 ppm		0 ppm		20.9%	0 ppm		No odor
4/22/2019	827 Maxey Rd., Houston, TX	2:33 PM	MultiRAE Lite; UltraRAE3000	0 ppm	0%	0 ppm		0 ppm			20.9%		0 ppm	No odor
4/22/2019	15710 Marble Blott Ln., Channelview, TX	2:40 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	1913 18th St., Galena Park, TX	2:45 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	11411 Debes Rd., Houston, TX	2:51 PM	MultiRAE Lite		0%	0 ppm	0 ppm		0 ppm		20.9%	0 ppm		No odor
4/22/2019	13136 Indianapolis St., Houston, TX	2:56 PM	MultiRAE Lite; UltraRAE3000	0 ppm	0%	0 ppm		0 ppm			20.9%		0 ppm	No odor
4/22/2019	15522 Liberty Cypress Ct., Channelview, TX	3:00 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	1859 N. Main St., Houston, TX	3:02 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	13734 Corpus Christi St., Houston, TX	3:16 PM	MultiRAE Lite; UltraRAE3000	0 ppm	0%	0 ppm		0 ppm			20.9%		0 ppm	No odor

Date	Location	Time (Approx.)	Instrument	Benzene	LEL	VOC	H2S	NH3	CO	Gamma	O2	SO2	CL2	Other Notes/ Observations
<b>Monday, April 22, 2019</b>														
4/22/2019	2207 Liberty Mesa Ln., Houston, TX	3:20 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	11002 Lane St., Houston, TX	3:22 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	8815 Pineland Rd., Houston, TX	3:30 PM	MultiRAE Lite		0%	0 ppm	0 ppm		0 ppm		20.9%	0 ppm		No odor
4/22/2019	14092 Force St., Houston, TX	3:36 PM	MultiRAE Lite; UltraRAE3000	0 ppm	0%	0 ppm		0 ppm			20.9%		0 ppm	No odor
4/22/2019	1520 Holland St., Houston, TX	3:40 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	14806 Live Oak Green Ct., Houston, TX	3:40 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	1212 Barbara Mae Blvd., Houston, TX	3:57 PM	MultiRAE Lite; UltraRAE3000	0 ppm	0%	0 ppm		0 ppm			20.9%		0 ppm	No odor
4/22/2019	10910 Wiggins St., Houston, TX	3:58 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	8119 Jackstone Dr., Houston, TX	4:00 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	8540 C. E. King Parkway, Houston, TX	4:16 PM	MultiRAE Lite		0%	0 ppm	0 ppm		0 ppm		20.9%	0 ppm		No odor
4/22/2019	10817 Market St. Rd., Houston, TX	4:18 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	14410 Alderson St., Houston, TX	4:20 PM	MultiRAE Lite; UltraRAE3000	0 ppm	0%	0 ppm		0 ppm			20.9%		0 ppm	No odor
4/22/2019	16002 Tarpon St., Houston, TX	4:20 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	10100 Muscatine St., Houston, TX	4:37 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor

Date	Location	Time (Approx.)	Instrument	Benzene	LEL	VOC	H2S	NH3	CO	Gamma	O2	SO2	CL2	Other Notes/Observations
<b>Monday, April 22, 2019</b>														
4/22/2019	17014 Faring Rd., Houston, TX	4:40 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	399 North Castlegory Rd., Houston, TX	4:41 PM	MultiRAE Lite; UltraRAE3000	0 ppm	0%	0 ppm		0 ppm			20.9%		0 ppm	No odor
4/22/2019	9800 Tura Dr., Houston, TX	4:43 PM	MultiRAE Lite		0%	0 ppm	0 ppm		0 ppm		20.9%	0 ppm		No odor
4/22/2019	1226 Mercury Dr., Houston, TX	4:55 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	5655 East Sam Houston Pkwy. N., Houston, TX	6:48 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		21.2%			No odor
4/22/2019	15150 Wallisville Rd., Houston, TX	7:10 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		21.3%			No odor
4/22/2019	9399 Rhode Island, Houston, TX	7:20 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	17700 Woodleigh St., Channelview, TX	7:20 PM	MultiRAE Lite, UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			Strong crude smell
4/22/2019	120 Castlegory Rd., Houston, TX	7:28 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		21.4%			No odor
4/22/2019	201 Calloway St., Houston, TX	7:40 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	363 Park Dr., Channelview, TX	7:40 PM	MultiRAE Lite, UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	353 Castlegory Dr., Houston, TX	7:46 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		21.3%			No odor
4/22/2019	913 Massachusetts, Houston, TX	8:00 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	Lakeside/Market, Channelview, TX	8:00 PM	MultiRAE Lite, UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor

Date	Location	Time (Approx.)	Instrument	Benzene	LEL	VOC	H2S	NH3	CO	Gamma	O2	SO2	CL2	Other Notes/ Observations
<b>Monday, April 22, 2019</b>														
4/22/2019	4101 East Sam Houston Pkwy. N., Houston, TX	8:06 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		21.3%			No odor
4/22/2019	430 Calloway, Houston, TX	8:20 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	16400 DeZavalla Dr., Channelview, TX	8:20 PM	MultiRAE Lite, UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	1119 Manor St., Houston, TX	8:25 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		21.3%			No odor
4/22/2019	110 Graham Dr., Galena Park, TX	8:40 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	16141 Market St., Channelview, TX	8:40 PM	MultiRAE Lite, UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	14545 Alderson St., Houston, TX	8:45 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		21.2%			No odor
4/22/2019	401 N. Main St., Galena Park, TX	9:00 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	15590 Market St., Channelview, TX	9:00 PM	MultiRAE Lite, UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	13818 Brownsville St., Houston, TX	9:05 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	1001 Parkside Dr., Galena Park, TX	9:20 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	14800 Market St., Channelview, TX	9:20 PM	MultiRAE Lite, UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	13940 Bonham St., Houston, TX	9:25 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	2111 9th St., Galena Park, TX	9:40 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor

Date	Location	Time (Approx.)	Instrument	Benzene	LEL	VOC	H2S	NH3	CO	Gamma	O2	SO2	CL2	Other Notes/ Observations
<b>Monday, April 22, 2019</b>														
4/22/2019	14710 Woodforest Blvd., Channelview, TX	9:40 PM	MultiRAE Lite, UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	1211 1/2 Frankie St., Houston, TX	9:45 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	2217 Benson Dr., Galena Park, TX	10:00 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	15203 South Dr., Channelview, TX	10:00 PM	MultiRAE Lite, UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	1010 Freeport St., Houston, TX	10:05 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	1801 N. Main St., Galena Park, TX	10:20 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	15536 Ave. C, Channelview, TX	10:20 PM	MultiRAE Lite, UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	13706 Bendra St., Houston, TX	10:25 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	1332 18 St., Galena Park, TX	10:40 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	16010 Ave. D, Channelview, TX	10:40 PM	MultiRAE Lite, UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	13817 Force St., Houston, TX	10:45 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	1401 Hilland Ave., Galena Park, TX	11:00 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	301 Cedar Ln., Channelview, TX	11:00 PM	MultiRAE Lite, UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	13501 Hollypark Dr., Houston, TX	11:05 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor

Date	Location	Time (Approx.)	Instrument	Benzene	LEL	VOC	H2S	NH3	CO	Gamma	O2	SO2	CL2	Other Notes/Observations
<b>Monday, April 22, 2019</b>														
4/22/2019	1109 8th St., Galena Park, TX	11:20 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	956 Sheldon Rd., Channelview, TX	11:20 PM	MultiRAE Lite, UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	13350 Woodforest Blvd., Houston, TX	11:25 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	12400 Kayla Ln., Houston, TX	11:40 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	1234 Becker St., Channelview, TX	11:40 PM	MultiRAE Lite, UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/22/2019	816 Cimarron St., Houston, TX	11:45 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
<b>Tuesday, April 23, 2019</b>														
4/23/2019	12438 Saney St., Houston, TX	12:00 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/23/2019	13111 East Fwy., Houston, TX	12:05 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/23/2019	12302 Coulson St., Houston, TX	12:20 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/23/2019	1140 Westmont Dr., Houston, TX	12:25 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/23/2019	12435 Coulson St., Houston, TX	12:40 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/23/2019	12912 Myrtle Ln., Houston, TX	12:48 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/23/2019	12420 East Fwy., Houston, TX	1:00 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/23/2019	856 Normandy St., Houston, TX	1:10 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/23/2019	3 Dawnwood Dr., Houston, TX	1:20 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/23/2019	799 Normandy St., Houston, TX	1:28 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor

Date	Location	Time (Approx.)	Instrument	Benzene	LEL	VOC	H2S	NH3	CO	Gamma	O2	SO2	CL2	Other Notes/ Observations
<b>Tuesday, April 23, 2019</b>														
4/23/2019	823 Carterwood, Houston, TX	1:40 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/23/2019	12500 Normandy Crossing Dr., Houston, TX	1:50 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/23/2019	81 Caney Bayou, Houston, TX	2:00 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/23/2019	695 Normandy St., Houston, TX	2:10 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/23/2019	10814 Dunvegan Way, Houston, TX	2:20 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/23/2019	14110 Wallisville Rd., Houston, TX	2:30 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/23/2019	510 Old Castle St., Houston, TX	2:40 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/23/2019	14404 Kemrock Dr., Houston, TX	2:50 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/23/2019	Community College Dr., Houston, TX	3:00 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/23/2019	6500 Purple Sage Rd., Houston, TX	3:10 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/23/2019	4124 Banner Dr., Houston, TX	3:20 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/23/2019	3602 Maniton Dr., Houston, TX	3:40 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/23/2019	8003 East Sam Houston Pkwy., Houston, TX	3:50 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/23/2019	9706 Aquila St., Houston, TX	4:00 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/23/2019	7715 Royalwood Dr., Houston, TX	4:10 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/23/2019	9718 Colebra, Houston, TX	4:20 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/23/2019	13101 Ivy Dale Rd., Houston, TX	4:30 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/23/2019	3901 Shadrack St., Houston, TX	4:40 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor
4/23/2019	11022 Evangeline Dr., Houston, TX	5:00 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm		0 ppm		20.9%			No odor