

# **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.

Tuesday, April 2, 2019

Date	Location	Time (Approx.)	Instrument	Parameters	Survey Results	Other Notes/Observations
4/2/2019	1444 Sens Rd., La Porte	7:00 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	Strawberry Park, Pasadena	7:00 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	2231 Sens Rd., La Porte	7:30 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	3604 Fairmont Pkwy., Pasadena	7:30 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	2601 W. Main St., La Porte	8:00 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	4025 Burke Rd., Pasadena	8:00 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	11003 W. Fairmont Pkwy., La Porte	8:30 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	4950 Burke Rd., Pasadena	8:30 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	5000 Underwood Rd., Pasadena	9:00 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	635 Genoa Red Bluff Rd., Houston	9:00 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	Bayport Industrial Rd., Pasadena	9:30 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	4826 Fairmont Pkwy., Pasadena	9:30 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	Second Baptist Church, 9025 Carlow Ln., La Porte	10:00 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	2732 Cherrybrook Ln., Pasadena	10:00 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	701 East Blvd., Deer Park	10:30 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	1219 South St., Pasadena	10:30 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	1901 S. Battleground Rd., Deer Park	11:00 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	2200 Preston Rd., Pasadena	11:00 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	9025 Spencer Hwy. (Deer Park)	11:10 AM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/2/2019	1499 Underwood Rd., La Porte	11:30 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	710 San Augustine Rd., Deer Park	11:30 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	201 Kingston Ct. (Deer Park)	11:50 AM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/2/2019	9801 N. Avenue L., La Porte	12:00 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	3709 Center St., Deer Park	12:00 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	10615 N. Avenue L., La Porte	12:30 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	8060 Spencer Hwy., Pasadena	12:30 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	616 W. Main St., La Porte	1:00 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	604 Park St., La Porte	1:30 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	715 Center St., Deer Park	2:00 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor

Date	Location	Time (Approx.)	Instrument	Parameters	Survey Results	Other Notes/Observations
<b>Tuesday, April 2, 2019</b>						
4/2/2019	Bonnette Junior High School, Deer Park	2:30 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	6200 Wheeler St., Houston	2:35 PM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, O2	1.6 – 2.0 ppm; 0 ppm, oxygen normal	No odor. Background of equipment
4/2/2019	Pasadena Blvd. and Chestnut Ln., Pasadena	3:00 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	US Postal Service, 531 Sheldon Rd., Channelview	3:11 PM	TVA; MultiRAE	LEL, VOC, H2S, CO, S02, gamma	0.84 - 1.46 ppm; 3 µrem/hr., 0 ppm, oxygen normal	Intermittent exhaust from nearby traffic.
4/2/2019	2001 Central St., Houston	3:21 PM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, O2	0.7 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	2000 block of Strawberry Rd., Pasadena	3:30 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	Church of Christ, 1301 Sheldon Rd., Channelview	3:41 PM	TVA; MultiRAE	LEL, VOC, H2S, CO, S02, gamma	1.14 - 1.57 ppm; 2-3 µrem/hr., 0 ppm, oxygen normal	No odor
4/2/2019	9311 E. Avenue P, Houston	3:53 PM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, O2	0.1 - 0.4 ppm; 0 ppm, oxygen normal	Odors were noted upon arrival, however, these odors were consistent with the neighboring facility (Styrene/plastic). Not attributable to incident.
4/2/2019	171 Pasadena Town Square Mall, Pasadena	4:00 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	Hwy. 90 and Miller Rd. # 2., Houston	4:28 PM	TVA; MultiRAE	LEL, VOC, H2S, CO, S02, gamma	1.48 - 1.91 ppm; 3-5 µrem/hr., 0 ppm, oxygen normal	No odor. Gamma spiked to 129 µrem/hr. when a truck drove by.
4/2/2019	204 N. Main St., Pasadena	4:30 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	Guinevere St. & Portwall St., Houston	4:35 PM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, O2	0 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	15741 Wallisville Rd., Houston	4:56 PM	TVA; MultiRAE	LEL, VOC, H2S, CO, S02, gamma	1.59 - 2.12 ppm; 3-4 µrem/hr., 0 ppm, oxygen normal	No odor
4/2/2019	1100 Burke Rd., Pasadena	5:00 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	Viola Cobb Elementary School, Channelview	5:25 PM	TVA; MultiRAE	LEL, VOC, H2S, CO, S02, gamma	1.70 - 2.51 ppm; 3-5 µrem/hr., 0 ppm, oxygen normal	No odor
4/2/2019	Claudia Dr. & Dunaway St, Galena Park	5:25 PM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, O2	0.1 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	Pomeroy Elementary School, Pasadena	5:30 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	525 Overbluff St., Channelview	5:54 PM	TVA; MultiRAE	LEL, VOC, H2S, CO, S02, gamma	1.64 - 2.17 ppm; 3-5 µrem/hr., 0 ppm, oxygen normal	Investigators noted a smoky odor from a BBQ nearby. Gamma spiked to 74 µrem/hr. when a truck drove by.
4/2/2019	1462 Maryknoll Dr., Galena Park	5:55 PM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, O2	0 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	10215 ½ Challenger 7, Jacinto City	6:42 PM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, O2	0 ppm; 0 ppm, oxygen normal	Mild cooked food odors (barbeque) noted upon arrival or during the odor survey. Odors not consistent with Benzene.
4/2/2019	Polk/Dumble (Houston)	6:45 PM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.
4/2/2019	Cloverleaf Elementary School, Houston	6:53 PM	TVA; MultiRAE	LEL, VOC, H2S, CO, S02, gamma	1.87 - 2.27 ppm; 2-3 µrem/hr., 0 ppm, oxygen normal	No odor
4/2/2019	14456 Nimitz St. (Houston)	6:57 PM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	Odor in air, very light, sweet fumes
4/2/2019	1709 Dumble St. (Houston)	7:00 PM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0.5 ppm VOC ppm, oxygen normal	Sweet smell like black licorice.
4/2/2019	I-45/Wayside (Houston)	7:15 PM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.
4/2/2019	802 Nancy Rose St. (Houston)	7:19 PM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	Very light odor, sweet fumes
4/2/2019	Dr. Gerald D. Cobb Sixth Grade Campus, Houston	7:25 PM	TVA; MultiRAE	LEL, VOC, H2S, CO, S02, gamma	1.70 - 2.24 ppm; 2-3 µrem/hr., 0 ppm, oxygen normal	No odor. MultiRAE ran out of battery power.
4/2/2019	541 South 75th St., Houston	7:30 PM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, O2	0 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	Forrest Park/Lawndale (Houston)	7:30 PM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.
4/2/2019	14506 Alderson St. (Houston)	7:33 PM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	Very light odor, sweet fumes
4/2/2019	4323 East Sam Houston Pkwy. (Houston)	7:43 PM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	No odor.

Date	Location	Time (Approx.)	Instrument	Parameters	Survey Results	Other Notes/Observations
<b>Tuesday, April 2, 2019</b>						
4/2/2019	Rainbow/Lawndale (Houston)	7:45 PM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.
4/2/2019	502 Barbara Mea St. (Houston)	7:53 PM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	No odor.
4/2/2019	Japonica/Myrtle (Houston)	8:00 PM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.
4/2/2019	503 Freepport St. (Houston)	8:03 PM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	No odor.
4/2/2019	7000 Avenue Q, Houston	8:08 PM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, O2	0 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	Green Valley Elementary School, Houston	8:13 PM	TVA	VOC	1.73 - 2.19 ppm	No odor
4/2/2019	628 Freepport St. (Houston)	8:14 PM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	No odor.
4/2/2019	I-45/Narcissus St. (Houston)	8:15 PM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.
4/2/2019	1010 Freepport St. (Houston)	8:23 PM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	No odor.
4/2/2019	Palmetto/Garland (Houston)	8:30 PM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.
4/2/2019	1216 Freepport St. (Houston)	8:33 PM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	No odor.
4/2/2019	2019 Main St., Galena Park	8:42 PM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, O2	0 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	1019 Uvalde Rd. (Houston)	8:43 PM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	No odor.
4/2/2019	Woodridge/Evergreen (Houston)	8:45 PM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.
4/2/2019	Woodland Acres Middle School, Houston	8:47 PM	TVA	VOC	1.56 - 2.21 ppm	No odor
4/2/2019	850 Uvalde Rd. (Houston)	8:59 PM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	No odor.
4/2/2019	Gulf Creek/Office City (Houston)	9:00 PM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.
4/2/2019	9525 Clinton Dr., Houston	9:14 PM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, O2	0 ppm; 0 ppm, oxygen normal	No odor
4/2/2019	389 Uvalde Rd. (Houston)	9:14 PM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	No odor.
4/2/2019	Glover/Berkley (Houston)	9:15 PM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.
4/2/2019	Furr High School, Houston	9:24 PM	TVA	VOC	1.65 - 2.33 ppm	No odor
4/2/2019	Northshore Elementary School (Houston)	9:30 PM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	No odor.
4/2/2019	Kellog/Keller (Houston)	9:30 PM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.
4/2/2019	14806 Woodforest Blvd. (Houston)	9:45 PM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	No odor.
4/2/2019	Dahlia/Kellogg (Houston)	9:45 PM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.
4/2/2019	818 Greenwood St. (Houston)	9:59 PM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	No odor.
4/2/2019	Broadway/Elvera (Houston)	10:00 PM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.
4/2/2019	1126 East San Augustina (Deer Park)	10:10 PM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/2/2019	531 Sheldon Rd (Houston)	10:14 PM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	No odor.
4/2/2019	Roman/Harding (Houston)	10:15 PM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.
4/2/2019	7318 Knob Hill Ave. (Pasadena)	10:30 PM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/2/2019	15529 Market St. (Houston)	10:30 PM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	No odor.
4/2/2019	8404 Lawndale (Houston)	10:30 PM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.
4/2/2019	13719 E Fwy. Market St. (Houston)	10:45 PM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	No odor.
4/2/2019	Lawndale/Central (Houston)	10:45 PM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.
4/2/2019	500 N. Parktown Dr. (Deer Park)	10:50 PM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/2/2019	13140 Market St. (Houston)	10:59 PM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	No odor.
4/2/2019	321 Broadway (Houston)	11:00 PM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.
4/2/2019	7704 E Erath (Houston)	11:15 PM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.
4/2/2019	1406 Federal Rd. (Houston)	11:19 PM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	No odor.
4/2/2019	East Blvd. (Deer Park)	11:30 PM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/2/2019	Tipps/S. 75th (Houston)	11:30 PM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.
4/2/2019	12510 American Petroleum Rd. (Houston)	11:35 PM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	No odor.
4/2/2019	205 S. 69th (Houston)	11:45 PM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.
4/2/2019	906 Clinton Dr. (Houston)	11:55 PM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	No odor.
<b>Wednesday, April 3, 2019</b>						
4/3/2019	6914 Harris Blvd. (Houston)	12:00 AM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.
4/3/2019	2201 Donegal Ct. (Deer Park)	12:10 AM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/3/2019	1906 2nd St. (Houston)	12:14 AM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	No odor.
4/3/2019	7505 Navigation (Houston)	12:15 AM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.
4/3/2019	Galena Park Elementary School (Galena Park)	12:22 AM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	No odor.
4/3/2019	Deer Park Gardens (Deer Park)	12:30 AM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/3/2019	N. Wayside/Navigation (Houston)	12:30 AM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.

Date	Location	Time (Approx.)	Instrument	Parameters	Survey Results	Other Notes/Observations
<b>Wednesday, April 3, 2019</b>						
4/3/2019	Our Lady of Fatima School (Houston)	12:38 AM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	No odor.
4/3/2019	2277 S. Sgt. Macario Garcia Dr. (Houston)	12:45 AM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.
4/3/2019	3802 Windsor Dr. (Deer Park)	12:50 AM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/3/2019	N. Wayside/Market (Houston)	1:00 AM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.
4/3/2019	1317 Mercury Dr. (Houston)	1:01 AM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	No odor.
4/3/2019	4219 Fleet Ln. (Deer Park)	1:10 AM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/3/2019	Herman Brown Park (Houston)	1:15 AM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	No odor.
4/3/2019	Lyons/Aleen St. (Houston)	1:15 AM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.
4/3/2019	201 Kingston Ct. (Deer Park)	1:30 AM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/3/2019	929 Federal Rd. (Houston)	1:30 AM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	No odor.
4/3/2019	Cowart/Gelhorn (Houston)	1:30 AM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.
4/3/2019	Maxeys Park (Houston)	1:42 AM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	No odor.
4/3/2019	Munn/Dorsett (Houston)	1:45 AM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.
4/3/2019	1402 Tulsa St. (Deer Park)	1:50 AM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/3/2019	Teal/Clinton Dr. (Houston)	2:00 AM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	Strong brake smell, suspect from noisy train
4/3/2019	Deer Park High School (Deer Park)	2:10 AM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/3/2019	375 Maxey Rd. (Houston)	2:10 AM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	No odor.
4/3/2019	12202 Nola Ct. (Houston)	2:25 AM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	No odor.
4/3/2019	414 E 9th St. (Deer Park)	2:30 AM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/3/2019	E. Loop Freeway/Market (Houston)	2:30 AM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.
4/3/2019	Flint/Market (Jacinto City)	2:45 AM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.
4/3/2019	1302 Center St. (Deer Park)	2:50 AM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/3/2019	13334 Wallisville Rd., Preparatory Academy (Houston)	2:50 AM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	No odor.
4/3/2019	Federal/Market (Houston)	3:00 AM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.
4/3/2019	San Jacinto Elementary, 1302 E. Thirteenth (Deer Park)	3:10 AM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/3/2019	Cunningham Middle School (Houston)	3:10 AM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	No odor.
4/3/2019	Industrial/Claudia (Galena Park)	3:15 AM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.
4/3/2019	Purple Sage Middle School (Houston)	3:25 AM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	No odor.
4/3/2019	Baker 6th Grade Campus, 980 Spencer Hwy. (La Porte)	3:30 AM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/3/2019	Federal/Clinton (Houston)	3:30 AM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.
4/3/2019	Keene/4th St. (Galena Park)	3:45 AM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.
4/3/2019	10001 W. Fairmont Pkwy. (La Porte)	3:50 AM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/3/2019	Jacinto College District North Campus (Houston)	3:50 AM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	No odor.
4/3/2019	Keene/16th St. (Galena Park)	4:00 AM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.
4/3/2019	438 E. 8th St. (Deer Park)	4:10 AM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/3/2019	15319 Southwood Trace Ln. (Houston)	4:10 AM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	No odor.
4/3/2019	Fidelity/Mascot (Houston)	4:15 AM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.
4/3/2019	15634 Wallisville Rd. (Houston)	4:24 AM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	No odor.
4/3/2019	Speedy Mart, 3401 Red Bluff (Pasadena)	4:30 AM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/3/2019	4201 Fidelity (Jacinto City)	4:30 AM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.
4/3/2019	16222 Wallisville Rd. (Houston)	4:39 AM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	No odor.
4/3/2019	Lane/Mercury (Jacinto City)	4:45 AM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.
4/3/2019	3010 Pasadena Fwy. (Pasadena)	4:50 AM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/3/2019	Harvey Brown Elementary (Houston)	4:50 AM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	No odor.
4/3/2019	Lane/Holland (Jacinto City)	5:00 AM	MultiRAE Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor.
4/3/2019	6533 Sheldon Rd. (Houston)	5:07 AM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	No odor.
4/3/2019	114 W. X St. (Deer Park)	5:10 AM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/3/2019	Sheldon and Hwy - 90 (Houston)	5:19 AM	MultiRAE LITE; UltraRAE 3000	O2, CO, LEL, H2S, VOC, Benzene	0 ppm, oxygen normal	No odor.

Date	Location	Time (Approx.)	Instrument	Parameters	Survey Results	Other Notes/Observations
<b>Wednesday, April 3, 2019</b>						
4/3/2019	8811 Feland St. (Houston)	6:17 AM	TVA; MultiRAE	VOC; SO2, CO, VOC, LEL, H2S	3.2 - 3.9 ppm VOC; 0 ppm, oxygen normal	No odor.
4/3/2019	9551 N. Wayside Dr. (Houston)	6:17 AM	TVA; MultiRAE	VOC; SO2, CO, VOC, LEL, H2S	3.9 - 4.3 ppm VOC; 0 ppm, oxygen normal	No odor.
4/3/2019	1630 Spencer Hwy. (Houston)	6:42 AM	TVA; MultiRAE Lite	VOC; SO2, CO, VOC, LEL, H2S, O2	2.50 - 2.69 ppm ; 0 ppm, oxygen normal	No odor.
4/3/2019	8201 John Ralston Rd. (Houston)	6:58 AM	TVA; MultiRAE	VOC; SO2, CO, VOC, LEL, H2S	3.8 - 3.9 ppm VOC; 0 ppm, oxygen normal	No odor.
4/3/2019	2909 Budd St. (Pasadena)	7:00 AM	TVA; MultiRAE Lite	VOC; SO2, CO, VOC, LEL, H2S, O2	1.98 - 2.28 ppm; 0 ppm, oxygen normal	No odor.
4/3/2019	De Zavala Middle School, 101 Jackson Ave. (Pasadena)	7:00 AM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	Uvalde Ranch Apts., 5300 S. Lake Houston Pkwy. (Houston)	7:00 AM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	2901 Village Way (Pasadena)	7:24 AM	TVA; MultiRAE Lite	VOC; SO2, CO, VOC, LEL, H2S, O2	1.66 - 1.79 ppm; 0 ppm, oxygen normal	No odor.
4/3/2019	12540 Crenshaw Rd. (Houston)	7:28 AM	TVA; MultiRAE	VOC; SO2, CO, VOC, LEL, H2S	3.5 - 3.4 ppm VOC; 0 ppm, oxygen normal	No odor.
4/3/2019	Carter's Country, 2120 Shaver St. (Pasadena)	7:30 AM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	Robinson Elementary School, 12425 Woodforest Blvd. (Houston)	7:30 AM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	1515 Cherrybrook Ln. (Pasadena)	7:57 AM	TVA; MultiRAE Lite	VOC; SO2, CO, VOC, LEL, H2S, O2	1.37 - 1.63 ppm ; 0 ppm, oxygen normal	No odor.
4/3/2019	12818 Tidwell Rd. (Houston)	7:58 AM	TVA; MultiRAE	VOC; SO2, CO, VOC, LEL, H2S	3.5 - 3.6 ppm VOC; 0 ppm, oxygen normal	No odor.
4/3/2019	Country Weekend Flea Market, 5115 Shaver St. (Houston)	8:00 AM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	Maxey Park, 601 Maxey Rd. (Houston)	8:00 AM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	1901 Flynn Dr. (Pasadena)	8:17 AM	TVA; MultiRAE Lite	VOC; SO2, CO, VOC, LEL, H2S, O2	1.26 - 1.4 ppm; 0 ppm, oxygen normal	No odor.
4/3/2019	7715 Royalwood Dr. (Houston)	8:27 AM	TVA; MultiRAE	VOC; SO2, CO, VOC, LEL, H2S	3.6 - 3.8 ppm VOC; 0 ppm, oxygen normal	No odor.
4/3/2019	Taqueria La Favorita, 314 Spencer Fwy. (South Houston)	8:30 AM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	Bank of America Financial Center, 12605 East Fwy (Houston)	8:30 AM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	2828 E. Southmore Ave. (Pasadena)	8:43 AM	TVA; MultiRAE Lite	VOC; SO2, CO, VOC, LEL, H2S, O2	1.15 - 1.29 ppm; 0 ppm, oxygen normal	No odor.
4/3/2019	13101 Ivy Dale Dr. (Houston)	8:47 AM	TVA; MultiRAE	VOC; SO2, CO, VOC, LEL, H2S	3.6 - 3.8 ppm VOC; 0 ppm, oxygen normal	No odors detected initially, moderate to light odors detected before leaving from a nearby residential wood/brush fire.
4/3/2019	Pearl Hall Elementary, 1504 9th St. (South Houston)	9:00 AM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	North Shore Supply, 12944 Market St. (Houston)	9:00 AM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	2919 Beverly Rd. (Pasadena)	9:15 AM	TVA; MultiRAE Lite	VOC; SO2, CO, VOC, LEL, H2S, O2	1.05 - 1.14 ppm; 0 ppm, oxygen normal	No odor.
4/3/2019	8200 Tate St. (Houston)	9:25 AM	TVA; MultiRAE	VOC; SO2, CO, VOC, LEL, H2S	3.6 - 3.7 ppm VOC; 0 ppm, oxygen normal	No odor.
4/3/2019	South Houston High School, 3820 Shaver St. (South Houston)	9:30 AM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	Orleans St. and Evanston St. (Houston)	9:30 AM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	8100 Kenton St. (Houston)	9:45 AM	TVA; MultiRAE	VOC; SO2, CO, VOC, LEL, H2S	3.5 - 3.6 ppm VOC; 0 ppm, oxygen normal	No odor.

Date	Location	Time (Approx.)	Instrument	Parameters	Survey Results	Other Notes/Observations
<b>Wednesday, April 3, 2019</b>						
4/3/2019	2309 W. Shannon St. (Deer Park)	9:52 AM	TVA; MultiRAE Lite	VOC; SO2, CO, VOC, LEL, H2S, O2	1.15 - 1.39 ppm; 0 ppm, oxygen normal	No odor.
4/3/2019	Strawberry Park, 1104 Parkside Dr. (Pasadena)	10:00 AM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	Cloverleaf Park, 825 Beacon St. (Houston)	10:00 AM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	7317 E. Houston Rd. (Houston)	10:05 AM	TVA; MultiRAE	VOC; SO2, CO, VOC, LEL, H2S	4.2 - 5.1 ppm VOC; 0 ppm, oxygen normal	No odor.
4/3/2019	313 Highline Dr. (Deer Park)	10:21 AM	TVA; MultiRAE Lite	VOC; SO2, CO, VOC, LEL, H2S, O2	0.97 - 1.09 ppm; 0 ppm, oxygen normal	No odor.
4/3/2019	7400 N. Wayside Dr. (Houston)	10:25 AM	TVA; MultiRAE	VOC; SO2, CO, VOC, LEL, H2S	3.9 - 3.6 ppm VOC; 0 ppm, oxygen normal	No odor.
4/3/2019	Walmart Supercenter, 1107 Shaver St. (Pasadena)	10:30 AM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	Eagle Pass St. and Manor St. (Houston)	10:30 AM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	601 N. Kaufman Dr. (Deer Park)	10:49 AM	TVA; MultiRAE Lite	VOC; SO2, CO, VOC, LEL, H2S, O2	0.93 - 1.03 ppm; 0 ppm, oxygen normal	No odor.
4/3/2019	Park Place Elementary School, 8235 Park Place Blvd. (Houston)	11:00 AM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	Northshore Middle School, 120 Castlegory Rd. (Houston)	11:00 AM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	Servants Christ United Methodist Parish, 3827 Broadway St. (Houston)	11:30 AM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	Cobb Sixth Grade Campus, 6722 Uvalde Rd. (Houston)	11:30 AM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	500 Mercury Dr. (Houston)	11:52 AM	TVA; MultiRAE	VOC; SO2, CO, VOC, LEL, H2S	3.5 - 4.0 ppm VOC; 0 ppm, oxygen normal	No odor.
4/3/2019	The Way Out Women Center, 3217 Lola St. (Houston)	12:00 PM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	Rockfowl Dr. and Marble Bluff Ln. (Houston)	12:00 PM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	514 E. Temperance Lane (Deer Park)	12:03 PM	TVA; MultiRAE Lite	VOC; SO2, CO, VOC, LEL, H2S, O2	1.12 - 1.32 ppm; 0 ppm, oxygen normal	No odor.
4/3/2019	548 Westshire Dr. (Houston)	12:15 PM	TVA; MultiRAE	VOC; SO2, CO, VOC, LEL, H2S	3.7 - 3.8 ppm; 0 ppm, oxygen normal	No odor.
4/3/2019	Coy Dr. and Kalwick Dr. (Deer Park)	12:27 PM	TVA; MultiRAE Lite	VOC; SO2, CO, VOC, LEL, H2S, O2	0.93 - 1.09 ppm; 0 ppm, oxygen normal	No odor.
4/3/2019	Milby High School, 1601 Broadway St. (Houston)	12:30 PM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	Hidden Onase Dr. and Marcella Dr. (Channelview)	12:30 PM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	618 Baca St. (Houston)	12:33 PM	TVA; MultiRAE	VOC; SO2, CO, VOC, LEL, H2S	3.6 - 3.8 ppm; 0 ppm, oxygen normal	No odor.
4/3/2019	230 Ackerton Dr. (Deer Park)	12:50 PM	TVA; MultiRAE Lite	VOC; SO2, CO, VOC, LEL, H2S	0.73 - 0.89 ppm; 0 ppm, oxygen normal	Very light burning rubber odor for three minutes - may be due to old power line poles nearby not related to ITC fire.
4/3/2019	485 Maxey Rd. (Houston)	12:59 PM	TVA	VOC	3.6 - 3.7 ppm VOC	No odor.
4/3/2019	Houston Ship Repair, 8303 Millet St., (Houston)	1:00 PM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	Harvey Brown Elementary School, 16550 Wallisville (Houston)	1:00 PM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.

Date	Location	Time (Approx.)	Instrument	Parameters	Survey Results	Other Notes/Observations
<b>Wednesday, April 3, 2019</b>						
4/3/2019	7804 Elvera St. (Houston)	1:30 PM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	Fuel Maxx, 8330 Miller Rd. (Houston)	1:30 PM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	Sanchez Elementary School, 2700 Berkley St. (Houston)	2:00 PM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	Apache Industrial Painting, 9011 Sheldon Rd. (Houston)	2:00 PM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	Southmayd Elementary School, 1800 Coral St. (Houston)	2:30 PM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	A&E Automotive, 16850 Wallisville Rd. (Houston)	2:30 PM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	Walmart Supercenter, 2391 S. Wayside Dr. (Houston)	3:00 PM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	Tony's BBQ, 1223 Sheldon Rd. (Channelview)	3:00 PM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	7911 Lockwood Dr., Houston	3:06 PM	TVA; UltraRAE; MultiRAE	VOC; Benzene; LEL, VOC, H2S, CO, O2, Gamma	1.8 - 2.4 ppm; 0.00 ppm; 4 µrem/hr., 0 ppm, oxygen normal	No odor. Explained monitoring activity to a nearby resident who came to ask.
4/3/2019	8301 Ley Rd., Houston	3:12 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	0 - 0.45 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	Spurlock Park, 6700 Park Ln. (Houston)	3:30 PM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	Armentas Mexican Restaurant, 823 Sheldon Rd. (Channelview)	3:30 PM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	Heebz Resale group, 617 West Dr. (Channelview)	3:30 PM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	Crude oil odor.
4/3/2019	Trinity Gardens Park, Houston	3:40 PM	TVA; UltraRAE; MultiRAE	VOC; Benzene; LEL, VOC, H2S, CO, O2, Gamma	1.00 ppm; 0.00 ppm; 3 µrem/hr., 0 ppm, oxygen normal	No odor
4/3/2019	Wells Fargo Bank, 10310 East Fwy.. (Houston)	3:45 PM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	North Forest High School, Houston	3:52 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	0 - 0.60 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	Cinemark Tinseltown USA XD, 11450 East Fwy.. (Jacinto City)	4:00 PM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	USPS, 531 Sheldon Rd. (Channelview)	4:00 PM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	6720 Homestead Rd., Houston	4:14 PM	TVA; UltraRAE; MultiRAE	VOC; Benzene; LEL, VOC, H2S, CO, O2, Gamma	0.5 ppm; 0.00 ppm; 3 µrem/hr., 0 ppm, oxygen normal	No odor
4/3/2019	AutoZone, 1210 Federal Rd. (Houston)	4:15 PM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	State Farm Insurance, 6606 Lawndale (Houston)	4:30 PM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	Dell Dale, 531 Dell Dale St. (Channelview)	4:30 PM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	Crude oil odor.
4/3/2019	7809 Miley St., Houston	4:45 PM	TVA; UltraRAE; MultiRAE	VOC; Benzene; LEL, VOC, H2S, CO, O2, Gamma	0.4 ppm; 0.00 ppm; 3 µrem/hr., 0 ppm, oxygen normal	No odor
4/3/2019	Lawndale Medical Clinic, 7109 Lawndale (Houston)	5:00 PM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	Sheldon Ridgeway and Gardentree Dr., Houston	5:02 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	1.19 - 1.59 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	7300 E. Houston Rd., Houston	5:13 PM	TVA; UltraRAE; MultiRAE	VOC; Benzene; LEL, VOC, H2S, CO, O2, Gamma	0.3 ppm; 0.00 ppm; 5 µrem/hr., 0 ppm, oxygen normal	No odor
4/3/2019	Gallegos Elementary School, 7415 Harrisburg Blvd. (Houston)	5:30 PM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.
4/3/2019	Hobo's Sandwich Shop, 13425 East Fwy.. (Houston)	5:30 PM	MultiRAE Lite; UltraRAE 3000	O2, CO, VOC, LEL, H2S; benzene	0 ppm, oxygen normal	No odor.



Date	Location	Time (Approx.)	Instrument	Parameters	Survey Results	Other Notes/Observations
<b>Wednesday, April 3, 2019</b>						
4/3/2019	7815 John Ralston Rd., Houston	5:56 PM	TVA; UltraRAE; MultiRAE	VOC; Benzene; LEL, VOC, H2S, CO, O2, Gamma	0.3 ppm; 0.00 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	6303 Foxhunter Rd., Houston	6:37 PM	TVA; UltraRAE; MultiRAE	VOC; Benzene; LEL, VOC, H2S, CO, O2, Gamma	0.3 ppm; 0.00 ppm; 4 µrem/hr., 0 ppm, oxygen normal	No odor
4/3/2019	Auburn Knoll Ave. and E. Sam Houston Pkwy. N., Houston	6:49 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	1.98 - 2.78 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	Royalwood Elementary School, Houston	7:18 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	1.99 - 2.72 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	Herman Brown Park, Houston	7:32 PM	TVA; UltraRAE; MultiRAE	VOC; Benzene; LEL, VOC, H2S, CO, O2, Gamma	0.4 ppm; 0.00 ppm; 5 µrem/hr., 0 ppm, oxygen normal	No odor. UltraRAE shut down on low battery at 7:45 PM.
4/3/2019	Ivydale Dr. and Kinsman Rd., Houston	7:44 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	1.61 - 2.39 ppm; 0 ppm, oxygen normal	1 minute very light smoke detection, potentially from BBQ at 7:58 PM
4/3/2019	8200 block of Tate St., Houston	8:09 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2, Gamma	0.4 ppm; 3 µrem/hr., 0 ppm, oxygen normal	Very light odor of burning wood at approx., 8:12 PM. Lasted approx. 45 seconds. Did not occur again. MultiRAE shut down on low battery at approx. 8:21 PM.
4/3/2019	C. E. King High School, Houston	8:20 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	1.66 - 2.34 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	9709 Mesa Dr., Houston	8:57 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	1.74 - 2.12 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	6504 Longview St., Houston	9:09 PM	TVA	VOC	0.7 ppm	No odor
4/3/2019	5600 Sudan St., Houston	8:44 PM	TVA	VOC	0.6 ppm	No odor