

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 (H₂S), carbon monoxide (CO), sulfur dioxide (SO₂), radiation (Gamma), chlorine (CL₂), ammonia (NH₃), and oxygen levels (O₂). 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	Parameters	Survey Results	Other Notes/Observations
Wednesday, April 3, 2019						
4/3/2019	Clinton Dr. and Lockwood Dr., Houston	7:00 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, NH3, CL2, O2	0 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	5519 Tremmer St., Houston	7:13 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, NH3, CL2, O2	0 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	Green Valley Elementary School, Houston	7:15 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	13339 Force St., Houston	7:30 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	8815 Ferland St., Houston	7:30 PM	MultiRAE + Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor
4/3/2019	Greater MT Lebanon Baptist Church, Houston	7:33 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, NH3, CL2, O2	0 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	602 Beresford St., Houston	7:45 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	Lake Forest and Lake Park, Houston	7:45 PM	MultiRAE + Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor
4/3/2019	4200 Lockwood Dr., Houston	7:48 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, NH3, CL2, O2	0 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	Old River Acres, Channelview	8:00 PM	MultiRAE + Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/3/2019	Holy Trinity United Methodist Church, Houston	8:00 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	9985 N. Green River Dr., Houston	8:00 PM	MultiRAE + Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor
4/3/2019	5656 Kelly St., Houston	8:10 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, NH3, CL2, O2	0 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	603 Maple Way, Houston	8:15 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	Green River Dr. and John Ralston Rd., Houston	8:15 PM	MultiRAE + Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor
4/3/2019	10012 Tidwell Rd., Houston	8:15 PM	MultiRAE + Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor
4/3/2019	17433 River Rd., Channelview	8:20 PM	MultiRAE + Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/3/2019	6610 Wilevale Rd., Houston	8:25 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, NH3, CL2, O2	0 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	13125 Chelton St., Houston	8:30 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	10012 Tidwell Rd., Houston	8:30 PM	MultiRAE + Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor
4/3/2019	10910 N. Wayside, Houston	8:30 PM	MultiRAE + Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor
4/3/2019	7728 Lockwood Dr., Houston	8:39 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, NH3, CL2, O2	0 ppm; 0 ppm, oxygen normal	No odor. Was waiting on other staff to troubleshoot MultiRAE Light.
4/3/2019	5655 E. Sam Houston Pkwy. N., Houston	8:45 PM	MultiRAE + Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/3/2019	13362 Mobile St., Houston	8:45 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	9648 Mesa Dr., Houston	8:45 PM	MultiRAE + Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor
4/3/2019	13374 Joliet St., Houston	9:00 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	1207 Lockwood Dr., Houston	9:00 PM	MultiRAE + Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor
4/3/2019	16222 Wallisville Rd., Houston	9:10 PM	MultiRAE + Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/3/2019	12895 Greens Bayou St., Houston	9:15 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	15214 Miller Rd. #1., Houston	9:30 PM	MultiRAE + Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/3/2019	811 Nice St., Houston	9:30 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	8555 Mayhaw Ln. Houston	9:30 PM	MultiRAE + Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor
4/3/2019	6900 Weaver Rd., Houston	9:33 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, NH3, CL2, O2	0 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	722 St. Edwards Green Dr., Houston	9:45 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	8901 Deep Valley Dr., Houston	9:45 PM	MultiRAE + Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor
4/3/2019	2915 Ley Rd., Houston	9:49 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, NH3, CL2, O2	0 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	Harvey Brown Elementary School, Channelview	9:50 PM	MultiRAE + Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/3/2019	12506 Dijon Ct., Houston	10:00 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	Van Hut Ln. and Stonefield Manor Dr., Houston	10:00 PM	MultiRAE + Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor
4/3/2019	8301 Ley Rd. Houston	10:04 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, NH3, CL2, O2	0 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	16007 Kelli St., Channelview	10:10 PM	MultiRAE + Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/3/2019	690 Normandy St., Houston	10:15 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	Little York Rd., Houston	10:15 PM	MultiRAE + Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor
4/3/2019	9021 Ley Rd., Houston	10:20 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, NH3, CL2, O2	0 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	14659 Nimitz St., Houston	10:30 PM	MultiRAE + Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/3/2019	12814 Labelle Rd., Houston	10:30 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	7803 Uvalde Rd., Houston	10:30 PM	MultiRAE + Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor
4/3/2019	11730 Green River Dr., Houston	10:35 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, NH3, CL2, O2	0 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	12603 Woodforest Blvd., Houston	10:45 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	6403 Lodgepole Rd., Houston	10:45 PM	MultiRAE + Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	Slight exhaust smell. Suspect it's from traffic.

Date	Location	Time (Approx.)	Instrument	Parameters	Survey Results	Other Notes/Observations
Wednesday, April 3, 2019						
4/3/2019	Northeast Houston Cloverfield	10:50 PM	MultiRAE + Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/3/2019	7335 S. Lake Houston Pkwy., Houston	10:50 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, NH3, CL2, O2	0 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	251 Wood Circle Ln., Houston	11:00 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	S. Lake Houston Pkwy. and Hwy. 90, Houston	11:00 PM	MultiRAE + Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor
4/3/2019	14624 Nimitz St., Houston	11:10 PM	MultiRAE + Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/3/2019	Herman Brown Park, Houston	11:10 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, NH3, CL2, O2	0 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	250 W. Thorn Way, Houston	11:15 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	8502 C.E. King Pkwy., Houston	11:15 PM	MultiRAE + Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor
4/3/2019	279 Old Spring Ln., Houston	11:25 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	1344 S. East Fwy., Houston	11:30 PM	MultiRAE + Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/3/2019	9009 Clinton Dr., Houston	11:30 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, NH3, CL2, O2	0 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	Van Hut Ln. and Ticonderoga Rd., Houston	11:30 PM	MultiRAE + Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor
4/3/2019	12915 Hidden Castle Dr., Houston	11:40 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	1230 Maxine St., Houston	11:43 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, NH3, CL2, O2	0 ppm; 0 ppm, oxygen normal	No odor
4/3/2019	7927 Van Hut Ln., Houston	11:45 PM	MultiRAE + Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor
4/3/2019	13902 Woodforest Blvd., Houston	11:50 PM	MultiRAE + Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/3/2019	9353 John Ralston Rd., Houston	9:15 PM	MultiRAE + Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor
Thursday, April 4, 2019						
4/4/2019	13103 Boyer Ln, Houston	12:00 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	13438 Beaumont Hwy., Houston	12:00 AM	MultiRAE + Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor
4/4/2019	Port Houston Elementary School, 1800 McCarty St., Houston	12:04 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, NH3, CL2, O2	0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	6603 Uvalde Rd., Houston	12:10 AM	MultiRAE + Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/4/2019	438 Breeze Park Dr., Houston	12:15 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	5905 Clinton Dr., Houston	12:20 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, NH3, CL2, O2	0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	Tice Elementary School, Houston	12:25 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	5807 E. Sam Houston Pkwy. N., Houston	12:30 AM	MultiRAE + Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/4/2019	15212 Beaumont Hwy., Houston	12:30 AM	MultiRAE + Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor
4/4/2019	Pugh Elementary School, 1147 Kress St., Houston	12:35 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, NH3, CL2, O2	0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	13771 Fernlake Dr., Houston	12:40 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	16826 Beaumont Hwy., Houston	12:45 AM	MultiRAE + Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor
4/4/2019	McReynolds Middle School, Houston	12:49 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, NH3, CL2, O2	0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	San Jacinto Plaza and Uvalde Rd., Houston	12:50 AM	MultiRAE + Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/4/2019	14314 Pinewest Dr., Houston	12:55 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	10443 Sheldon Rd., Houston	1:00 AM	MultiRAE + Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor
4/4/2019	702 Kress St., Houston	1:05 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, NH3, CL2, O2	0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	332 Freemont St., Houston	1:10 AM	MultiRAE + Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/4/2019	14530 Flair Dr., Houston	1:10 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	Eliot Elementary School, Houston	1:12 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, NH3, CL2, O2	0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	Blairwood Dr. and Sheldon Rd., Houston	1:15 AM	MultiRAE + Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor
4/4/2019	5614 Pine Gulch Ct., Houston	1:20 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	2802 N. Wayside Dr., Houston	1:27 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, NH3, CL2, O2	0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	13828 Corpus Christ St., Houston	1:30 AM	MultiRAE + Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/4/2019	Crosby Fwy W. and Miller Rd. #2, Houston	1:30 AM	MultiRAE + Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor
4/4/2019	5618 Wallis Trail Ct., Houston	1:35 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	Crosby Fwy. and E. Sam Houston Pkwy., Houston	1:45 AM	MultiRAE + Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor
4/4/2019	911 Hollywood St., Houston	1:50 AM	MultiRAE + Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/4/2019	7835 N. Loop E. Fwy., Houston	1:50 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, NH3, CL2, O2	0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	1462 Mary Knoll Dr., Houston	1:55 AM	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
Thursday, April 4, 2019						
4/4/2019	B.C. Elmore Middle School, 8200 Tate St., Houston	2:03 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, NH3, CL2, O2	0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	12211 Dorwayne Ct., Houston	2:10 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	Hornberger Rd., Houston	2:15 AM	MultiRAE + Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor
4/4/2019	San Jacinto River Estates, Channelview	2:20 AM	MultiRAE + Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/4/2019	7400 N. Wayside Dr., Houston	2:20 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, NH3, CL2, O2	0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	1319 Falcon St., Houston	2:25 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	13253 Garrett Rd., Houston	2:30 AM	MultiRAE + Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor
4/4/2019	5800 Mesa Dr., Houston	2:35 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, NH3, CL2, O2	0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	1002 Fudge St., Channelview	2:40 AM	MultiRAE + Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/4/2019	1728 Pinky Way, Houston	2:40 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	11599 Sheldon Rd., Houston	2:45 AM	MultiRAE + Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor
4/4/2019	3940 N. McCarty St., Houston	2:50 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, NH3, CL2, O2	0 ppm; 0 ppm, oxygen normal	No odor. Switch to BW gas alert max XT11.
4/4/2019	12938 Kayla Ln., Houston	2:55 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	15019 N. Brentwood St., Channelview	3:00 AM	MultiRAE + Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/4/2019	17310 Beaumont Hwy., Houston	3:00 AM	MultiRAE + Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor
4/4/2019	12310 Ledger Ln., Houston	3:10 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	El Dorado and Oates Prairie, Houston	3:10 AM	UltraRAE; MultiRAE Light	Benzene; H2S, O2, CO, LEL	0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	Lamkin Rd. and Hall Shepard Rd., Houston	3:15 AM	MultiRAE + Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor
4/4/2019	1422 Leaderhill Cir., Channelview	3:20 AM	MultiRAE + Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/4/2019	11501 Market St., Houston	3:25 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	10912 Wallisville Rd., Houston	3:30 AM	UltraRAE; MultiRAE Light	Benzene; H2S, O2, CO, LEL	0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	Johns Rd. and Sunshine St., Houston	3:30 AM	MultiRAE + Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor
4/4/2019	11518 Flaxman St., Houston	3:40 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	Blueberry St. and Miller Rd., Houston	3:45 AM	MultiRAE + Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor
4/4/2019	6611 Green Pear Ln., Houston	3:50 AM	MultiRAE + Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/4/2019	11404 Lane St., Houston	3:55 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	Woodforest Blvd. and Dividend Dr., Houston	3:55 AM	UltraRAE; MultiRAE Light	Benzene; H2S, O2, CO, LEL	0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	Hwy. 90 and Blueberry St., Houston	4:00 AM	MultiRAE + Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor
4/4/2019	6823 Latchmore Ln., Houston	4:10 AM	MultiRAE + Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/4/2019	10730 Wiggins St., Jacinto City	4:10 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	650 Gellhorn Dr., Houston	4:15 AM	UltraRAE; MultiRAE Light	Benzene; H2S, O2, CO, LEL	0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	Hwy. 90 and Miller Rd. #3, Houston	4:15 AM	MultiRAE + Benzene, MultiRAE	VOC; CO, H2S, LEL, O2	0 ppm, oxygen normal	No odor
4/4/2019	13727 Fernlake Dr., Houston	4:20 AM	MultiRAE + Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/4/2019	10330 Munn St., Houston	4:25 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	8543 Market St., Houston	4:25 AM	UltraRAE; MultiRAE Light	Benzene; H2S, O2, CO, LEL	0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	12854 Royce Ln., Houston	4:40 AM	MultiRAE + Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/4/2019	2002 10th St., Galena Park	4:40 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	8000 Market St., Houston	4:50 AM	UltraRAE; MultiRAE Light	Benzene; H2S, O2, CO, LEL	0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	12413 Pecan Ct., Houston	5:00 AM	MultiRAE + Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/4/2019	5425 Polk St. (Houston)	6:05 AM	TVA; MultiRAE Pro	VOC; SO2, LEL, CO, H2S, VOC, Gamma	-0.1 ppm - 0.59 ppm VOC; no detections, oxygen normal	No odor
4/4/2019	Finnigan Park (Houston)	6:49 AM	TVA; UltraRAE 3000; MultiRAE Lite	VOC; Benzene; O2, CO, VOC, LEL, H2S, SO2	1.32 ppm; 0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	General Dollar, 7916 Bayway Dr. (Baytown)	7:00 AM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	14702 Kenny St. (Houston)	7:00 AM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	Denver Harbor Park (Houston)	7:13 AM	TVA; UltraRAE 3000; MultiRAE Lite	VOC; Benzene; O2, CO, VOC, LEL, H2S, SO2	1.10 ppm; 0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	6511 Uvalde Rd. (Houston)	7:22 AM	TVA; MultiRAE Pro	VOC; SO2, LEL, CO, H2S, VOC, Gamma	2.28 - 2.70 ppm; 100 µrem/hr., oxygen normal	No odor
4/4/2019	Wooster Baptist Church, 7007 Bayway Dr. (Baytown)	7:30 AM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	Phillips 66, 3702 East Sam Houston Pkwy. (Houston)	7:30 AM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor

Date	Location	Time (Approx.)	Instrument	Parameters	Survey Results	Other Notes/Observations
Thursday, April 4, 2019						
4/4/2019	Port Houston Park (Houston)	7:45 AM	TVA; UltraRAE 3000; MultiRAE Lite	VOC; Benzene; O2, CO, VOC, LEL, H2S, SO2	0.71 - 0.78 ppm; 0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	4510 Larch Dr. (Baytown)	7:50 AM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	Northshore Park (Houston)	7:55 AM	TVA; MultiRAE Pro	VOC; SO2, LEL, CO, H2S, VOC, Gamma	2.54 - 3.08 ppm; 2-3 µrem/hr., oxygen normal	No odor
4/4/2019	Baytown Nature Center, 6213 Bayway Dr. (Baytown)	8:00 AM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	Kroger, 14710 Woodforest Blvd. (Houston)	8:00 AM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	Pleasant Manner Park (Houston)	8:04 AM	TVA; UltraRAE 3000; MultiRAE Lite	VOC; Benzene; O2, CO, VOC, LEL, H2S, SO2	0.63 - 0.71 ppm; 0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	Pleasantville Park (Houston)	8:25 AM	TVA; UltraRAE 3000; MultiRAE Lite	VOC; Benzene; O2, CO, VOC, LEL, H2S, SO2	0.49 - 0.53 ppm; 0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	14106 Force St. (Houston)	8:30 AM	TVA; MultiRAE Pro	VOC; SO2, LEL, CO, H2S, VOC, Gamma	2.65 - 3.09 ppm; 1-2 µrem/hr., oxygen normal	No odor
4/4/2019	Mobile Mini-Tank and Pump, 1650 East Fwy. (Baytown)	8:30 AM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	718 Norell St. (Channelview)	8:30 AM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	Harman Brown Park (Houston)	8:54 AM	TVA; UltraRAE 3000; MultiRAE Lite	VOC; Benzene; O2, CO, VOC, LEL, H2S, SO2	0.26 - 0.33 ppm; 0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	Loves Travel Stop, 1703 I-10 (Baytown)	9:00 AM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	Channelview ISD, 828 Sheldon Rd. (Channelview)	9:00 AM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	13342 Bretang Dr. (Houston)	9:12 AM	TVA; MultiRAE Pro	VOC; SO2, LEL, CO, H2S, VOC, Gamma	2.69 - 2.91 ppm; 2-3 µrem/hr., oxygen normal	No odors detected that were related to ITC, only smelled grass.
4/4/2019	Dominos Pizza, 1001 East Fwy. (Highlands)	9:30 AM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	East Park Village RV Park, 16320 Ave. O (Channelview)	9:30 AM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	8201 John Ralston Rd. (Houston)	9:40 AM	TVA; UltraRAE 3000; MultiRAE Lite	VOC; Benzene; O2, CO, VOC, LEL, H2S, SO2	0.2 - 0.3 ppm; 0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	Highlands Suites, 1407 S. Main St. (Highlands)	10:00 AM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	Meadowbrook Park, 17433 River Rd. (Channelview)	10:00 AM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	Highlands Elementary, 200 E. Wallisville Rd. (Highlands)	10:30 AM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	Harvey Brown Elementary School, 16550 Wallisville Rd. (Houston)	10:30 AM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	Hobart Taylor Park (Houston)	10:34 AM	TVA; UltraRAE 3000; MultiRAE Lite	VOC; Benzene; O2, CO, VOC, LEL, H2S, SO2	0.14 - 0.2 ppm; 0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	6510 Lodgepole (Houston)	10:35 AM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0.1 ppm Cl2, oxygen normal; 0 ppm	No odor
4/4/2019	2301 Coulson St.	10:39 AM	TVA; MultiRAE Pro	VOC; SO2, LEL, CO, H2S, VOC, Gamma	2.69 - 2.94 ppm; 0.1 ppm SO2, 2-3 µrem/hr., oxygen normal	No odor
4/4/2019	Blackjack Lone Equestrian, 10602 Crosby Lynchburg Rd. (Highlands)	11:00 AM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	SEAH Steel USA LLC, 16937 Leonard Rd. (Houston)	11:00 AM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	6911 Homestead Rd. (Houston)	11:11 AM	TVA; UltraRAE 3000; MultiRAE Lite	VOC; Benzene; O2, CO, VOC, LEL, H2S, SO2	0 ppm; 0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	Munn Street and Mercury Dr. (Houston)	11:18 AM	TVA; MultiRAE Lite	VOC; O2, LEL, CO, H2S, VOC	2.54 - 2.85 ppm; no detections, oxygen normal	No odor
4/4/2019	Barrett Express Laundry, 12121 Crosby Lynchburg Rd. (Crosby)	11:30 AM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	Show Biz Cinemas, 7102 East Sam Houston (Houston)	11:30 AM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	Kashmere High School (Houston)	11:37 AM	TVA; UltraRAE 3000; MultiRAE Lite	VOC; Benzene; O2, CO, VOC, LEL, H2S, SO2	0 ppm; 0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	1806 11th St. (Galena Park)	11:46 AM	TVA; MultiRAE Lite	VOC; O2, LEL, CO, H2S, VOC	2.68 - 2.93 ppm; no detections, oxygen normal	No odor
4/4/2019	Riley Chambers Community Center, 808 1/2 Magnolia Ave. (Crosby)	12:00 PM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	CVS, 15411 Wallisville Rd. (Houston)	12:00 PM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	Hutcheson Park (Houston)	12:01 PM	TVA; MultiRAE Lite	VOC; O2, CO, VOC, LEL, H2S, SO2	0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	Clinton Park, Mississippi St. and Defender St. (Houston)	12:24 PM	TVA; MultiRAE Lite	VOC; O2, LEL, CO, H2S, VOC	2.7 - 3.05 ppm VOC; no detections, oxygen normal	Very light petrochemical odor for one minute
4/4/2019	Lebanon Baptist Church (Houston)	12:30 PM	TVA; MultiRAE Lite	VOC; O2, CO, VOC, LEL, H2S, SO2	0 ppm; 0 ppm, oxygen normal	No odor

Date	Location	Time (Approx.)	Instrument	Parameters	Survey Results	Other Notes/Observations
Thursday, April 4, 2019						
4/4/2019	SEAH Steel USA LLC, 16937 Leonard Rd. (Houston)	12:30 PM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	North Shore High School, 353 Castlegory Dr. (Houston)	12:30 PM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	Nieto Park (Houston)	12:57 PM	TVA; MultiRAE Lite	VOC; O2, CO, VOC, LEL, H2S, SO2	0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	400 Mercury Dr. (Houston)	12:59 PM	TVA; MultiRAE Lite	VOC; O2, LEL, CO, H2S, VOC	2.78 - 3.01ppm VOC; no detections	No odor
4/4/2019	Union Pacific Meeting Hall, Exchange St. and Wallisville Rd. (Channelview)	1:00 PM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	Prime Spot 6331 Walde Rd. (Houston)	1:00 PM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	CVS, 814 Sheldon Rd. (Channelview)	1:30 PM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	14404 Kemrock Rd. (Houston)	1:30 PM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	Cray Valley USA, LLC, 17335 Wallisville Rd. (Houston)	2:00 PM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	14023 Waterville Way (Houston)	2:00 PM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	Parc Town Plaza, 13455 Woodforest Blvd. (Houston)	2:30 PM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	High Point Alternative School (Houston)	2:45 PM	TVA; MultiRAE Lite	VOC; LEL, VOC, H2S, CO, O2	1.4 - 2.3 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	Ardyss, Smith St. (Houston)	3:00 PM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	Carter Conley Funeral Home, 13701 Corpus Christi (Houston)	3:00 PM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	Dr. Antonio Banelos Elementary School (Baytown)	3:00 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	0 - 0.44 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	Dr. Shirley J. Williamson Elementary (Houston)	3:15 PM	TVA; MultiRAE Lite	VOC; LEL, VOC, H2S, CO, O2	1.0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	Crenshaw Elementary, 16204 Wood Dr. (Channelview)	3:30 PM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	Mix Resale Shop, 14149 Bandera St. (Houston)	3:30 PM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	Fig Orchard Rd. and Wade Rd. (Highlands)	3:35 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	0.75 - 1.29 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	North Shore High School, 353 Castlegory Dr. (Houston)	3:45 PM	TVA; MultiRAE Lite	VOC; LEL, VOC, H2S, CO, O2	0.3 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	610 River Acres (Channelview)	4:00 PM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	I-HOP, 13405 East Fwy. (Houston)	4:00 PM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	Sralla Rd. and Loch Katrine St. (Highlands)	4:05 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	1.21 - 1.69 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	Ray Maddy Stadium, 828 Sheldon Rd. (Channelview)	4:15 PM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	14699-14601 Lantern Ln. (Houston)	4:17 PM	TVA; MultiRAE Lite	VOC; LEL, VOC, H2S, CO, O2	0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	J@A Mechanic Welding and General A/C, 16014 Ridlon St. (Channelview)	4:30 PM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	Bella Luna Hall, 13542 Sacramento (Houston)	4:30 PM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	Riley Chambers Park (Crosby)	4:40 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	1.40 - 1.95 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	Shady Oaks Mobile Homes Park, 16105 Ave. D (Channelview)	4:45 PM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	White Cedar Dr. (Houston)	4:45 PM	TVA; MultiRAE Lite	VOC; LEL, VOC, H2S, CO, O2	0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	Karanchos, 620 Sheldon Rd. (Channelview)	5:00 PM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	The Home Depot, 13400 Market St. (Houston)	5:00 PM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor

Date	Location	Time (Approx.)	Instrument	Parameters	Survey Results	Other Notes/Observations
Thursday, April 4, 2019						
4/4/2019	Barrett Elementary School (Crosby)	5:09 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	1.59 - 2.15 ppm; 0 ppm, oxygen normal	Light (4 min) to very light (2 min) outdoor burn (ODB) odor noted upon arrival and throughout survey. A noticeable haze in the surrounding area, likely due to the ODB, was present as well. ODB odor is likely due to a land clearing fire in the area and not related to the Deer Park fire.
4/4/2019	AutoZone Auto Parts, 518 Sheldon Rd. (Channelview)	5:15 PM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	14226-14298 Alderson St. (Houston)	5:20 PM	TVA; MultiRAE Lite	VOC; LEL, VOC, H2S, CO, O2	0.3 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	Extended Inn Suites, 15831 2nd St. (Channelview)	5:25 PM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	Chevron, 14427 Market St. (Houston)	5:30 PM	MultiRAE Lite; UltraRAE 3000	VOC, LEL, H2S, CO, O2; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	Cherry Ln. and Maple (Crosby)	5:50 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	1.77 - 2.39 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	14600-14698 Garber Ln. (Houston)	5:52 PM	TVA; MultiRAE Lite	VOC; LEL, VOC, H2S, CO, O2	0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	Sheldon Elementary School (Houston)	6:20 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	1.6 - 2.45 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	St. Dominic Catholic Church (Houston)	6:57 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	1.75 - 2.57 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	13300-13324 Vicksburg St. (Houston)	6:58 PM	TVA; MultiRAE Lite	VOC; LEL, VOC, H2S, CO, O2	0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	San Jacinto River Estates (Channelview)	7:00 PM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/4/2019	13903 Muscatine St. (Houston)	7:10 PM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0.1 ppm Cl2, oxygen normal; 0 ppm	No odor
4/4/2019	5426 Shirley St. (Baytown)	7:20 PM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	13734 McNair St. (Houston)	7:24 PM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0.1 ppm Cl2, oxygen normal; 0 ppm	No odor
4/4/2019	Tifway Ln. and Sunturf Ln. (Houston)	7:25 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	1.78 - 2.6 ppm; 0 ppm, CO 3.0 ppm, oxygen normal	No odor
4/4/2019	Green Valley Elementary School, Wood Forest Blvd. and Claire Ln. (Houston)	7:25 PM	TVA; MultiRAE Lite	VOC; LEL, VOC, H2S, CO, O2	0.7 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	Lakeview Heights (Lynchburg)	7:30 PM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/4/2019	5404 Carousell Cir. (Baytown)	7:35 PM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	13750 Bendra St. (Houston)	7:39 PM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0.1 ppm Cl2, oxygen normal; 0 ppm	No odor
4/4/2019	Oakhedge St. and Pineland Rd. (Houston)	7:48 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	1.97 - 2.81 ppm; 0 ppm, CO 3.0 - 4.0 ppm, oxygen normal	No odor
4/4/2019	1700 Hillcrest St. (Baytown)	7:50 PM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/4/2019	Woodland Acres Middle School (Houston)	7:52 PM	TVA; MultiRAE Lite	VOC; LEL, VOC, H2S, CO, O2	0.9 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	13818 Brownsville St. (Houston)	7:55 PM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0.1 ppm Cl2, oxygen normal; 0 ppm	No odor
4/4/2019	5309 Lorraine Dr. (Baytown)	8:05 PM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	474 S. Burnett Dr. (Baytown)	8:10 PM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/4/2019	W Jacinto Dr. and E Jacinto Dr. (Houston)	8:13 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	1.72 - 2.82 ppm; 0 ppm, CO 2.0 - 3.0 ppm, oxygen normal	No odor
4/4/2019	13501 Holly Park Dr. (Houston)	8:15 PM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0.1 ppm Cl2, oxygen normal; 0 ppm	No odor
4/4/2019	3418 Lantern Ln. (Baytown)	8:20 PM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	Spark Park (Houston)	8:23 PM	TVA; MultiRAE Lite	VOC; LEL, VOC, H2S, CO, O2	0.8 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	443 White Cedar St. (Houston)	8:30 PM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0.1 ppm Cl2, oxygen normal; 0 ppm	No odor
4/4/2019	2625 Broad St. (Baytown)	8:30 PM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/4/2019	Christina Dr. and Maritime Dr. (Houston)	8:35 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	1.88 - 2.67 ppm; 0 ppm, CO 3.0 ppm, oxygen normal	No odor
4/4/2019	3406 Coachman Dr. (Baytown)	8:35 PM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	3104 Sandpiper Dr. (Baytown)	8:50 PM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	13502 Castilian Dr. (Houston)	8:50 PM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0.1 ppm Cl2, oxygen normal; 0 ppm	No odor
4/4/2019	2615 E. Wallisville Rd. (Highlands)	8:50 PM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/4/2019	11971-11963 Dawnwood Dr. (Houston)	8:52 PM	TVA; MultiRAE Lite	VOC; LEL, VOC, H2S, CO, O2	1.0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	River Rd. and I-10 (Channelview)	9:00 PM	MultiRAE Benzene; MultiRAE	VOC; CO, H2S, LEL, O2	0.0 ppm; 0 ppm, oxygen normal	No odor

Date	Location	Time (Approx.)	Instrument	Parameters	Survey Results	Other Notes/Observations
Thursday, April 4, 2019						
4/4/2019	Sheldon Ridge Way and Dahlia Vale Walk (Houston)	9:02 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	3.22 - 3.6 ppm; 0 ppm, CO 3.0 ppm, oxygen normal	No odor
4/4/2019	3205 Woodstone Dr. (Baytown)	9:05 PM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	San Jacinto Plaza, Uvalde Rd. (Houston)	9:05 PM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0.1 ppm Cl2, oxygen normal; 0 ppm	No odor
4/4/2019	1609 Jones Rd. (Highlands)	9:10 PM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/4/2019	Woodlawn/Forest Trail (Channelview)	9:15 PM	MultiRAE Benzene; MultiRAE	VOC; CO, H2S, LEL, O2	0.0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	San Jacinto College North Campus (Houston)	9:17 PM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0.1 ppm Cl2, oxygen normal; 0 ppm	No odor
4/4/2019	12899-12865 Texaco Rd. (Houston)	9:20 PM	TVA; MultiRAE Lite	VOC; LEL, VOC, H2S, CO, O2	0.9 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	4901 Deerwood Cir. (Baytown)	9:20 PM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	Pecan and Pine St. (Channelview)	9:30 PM	MultiRAE Benzene; MultiRAE	VOC, CO, H2S, LEL, O2	0.0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	107 Dana Dr. (Highlands)	9:30 PM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/4/2019	Eddie Huron Park (Baytown)	9:35 PM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	6511 Uvalde Rd. (Houston)	9:35 PM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0.1 ppm Cl2, oxygen normal; 0 ppm	No odor
4/4/2019	16620 Bear Bayou (Channelview)	9:45 PM	MultiRAE Benzene; MultiRAE	VOC; CO, H2S, LEL, O2	0.0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	Dr. Shirley J. Williamson Elementary (Houston)	9:48 PM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0.1 ppm Cl2, oxygen normal; 0 ppm	No odor
4/4/2019	4907 Magnolia Cave Dr. (Baytown)	9:50 PM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	8923 Thompson Rd. (Highlands)	9:50 PM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/4/2019	Sheldon/Wood (Channelview)	10:00 PM	MultiRAE Benzene; MultiRAE	VOC, CO, H2S, LEL, O2	0.0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	Royal Pentecost Church (Houston)	10:04 PM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0.1 ppm Cl2, oxygen normal; 0 ppm	No odor
4/4/2019	1418 Squire Dr. (Baytown)	10:05 PM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	1013 E. Wallisville Rd. (Highlands)	10:10 PM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/4/2019	17488 Wallisville (Houston)	10:15 PM	MultiRAE Benzene; MultiRAE	VOC, CO, H2S, LEL, O2	0.0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	7502 Abbey Point Ln. (Houston)	10:18 PM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0.1 ppm Cl2, oxygen normal; 0 ppm	No odor
4/4/2019	4531 Noble Ct. (Baytown)	10:20 PM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	Sheldon and 90 (Houston)	10:30 PM	MultiRAE Benzene; MultiRAE	VOC, CO, H2S, LEL, O2	0.0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	1109 E. Canal Rd. (Highlands)	10:30 PM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/4/2019	4615 St. Andrews Dr. (Baytown)	10:35 PM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	Lamkill/Hall Shepherd (Houston)	10:45 PM	MultiRAE Benzene; MultiRAE	VOC, CO, H2S, LEL, O2	0.0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	The Woods Apartments, 6415 Lake Houston Parkway (Houston)	10:47 PM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0.1 ppm Cl2, oxygen normal; 0 ppm	No odor
4/4/2019	5101 Arrowhead Dr. (Baytown)	10:50 PM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	205 Meadow Lake Ln. (Highlands)	10:50 PM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/4/2019	6829 Miller Road 2 (Houston)	11:00 PM	MultiRAE Benzene; MultiRAE	VOC, CO, H2S, LEL, O2	0.0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	3808 Montego Dr. (Baytown)	11:05 PM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	8423 Van Hut Ln. (Houston)	11:05 PM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0.1 ppm Cl2, oxygen normal; 0 ppm	No odor
4/4/2019	715 Cottontail Dr. (Crosby)	11:10 PM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/4/2019	Woodforest/Sheldon (Channelview)	11:15 PM	MultiRAE Benzene; MultiRAE	VOC; CO, H2S, LEL, O2	0.0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	8451 C.E. King Pkwy. (Houston)	11:18 PM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	834 Hartman Dr. (Baytown)	11:20 PM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	Woodforest/Brookview (Channelview)	11:30 PM	MultiRAE Benzene; MultiRAE	VOC; CO, H2S, LEL, O2	0.0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	715 Zinn Dr. (Crosby)	11:30 PM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/4/2019	1309 Cactus St. (Baytown)	11:35 PM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	8420 John Ralston Rd. (Houston)	11:35 PM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0.1 ppm Cl2, oxygen normal; 0 ppm	No odor
4/4/2019	Sterling Green/Elstice (Channelview)	11:45 PM	MultiRAE Benzene; MultiRAE	VOC, CO, H2S, LEL, O2	0.0 ppm; 0 ppm, oxygen normal	No odor
4/4/2019	705 Pamela Dr. (Baytown)	11:50 PM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/4/2019	11720 Beaumont Hwy. (Houston)	11:50 PM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0.1 ppm Cl2, oxygen normal; 0 ppm	No odor
4/4/2019	123 Zinn Dr. (Crosby)	11:50 PM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
Friday, April 5, 2019						
4/5/2019	Woodforest/Beltway 8 (Channelview)	12:00 AM	MultiRAE Benzene; MultiRAE	VOC, CO, H2S, LEL, O2	0.0 ppm; 0 ppm, oxygen normal	No odor
4/5/2019	5303 N. McCarty St. (Houston)	12:04 AM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0.1 ppm Cl2, oxygen normal; 0 ppm	No odor
4/5/2019	919 Chad Ln. (Baytown)	12:05 AM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor

Date	Location	Time (Approx.)	Instrument	Parameters	Survey Results	Other Notes/Observations
Friday, April 5, 2019						
4/5/2019	311 Winkin Ave. (Crosby)	12:10 AM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/5/2019	Sterling Green Blvd./Beltway 8 (Houston)	12:15 AM	MultiRAE Benzene; MultiRAE	VOC; CO, H2S, LEL, O2	0.0 ppm; 0 ppm, oxygen normal	No odor
4/5/2019	169 County Rd. (Dayton)	12:20 AM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/5/2019	16098 Wallisville (Houston)	12:30 AM	MultiRAE Benzene; MultiRAE	VOC, CO, H2S, LEL, O2	0.0 ppm; 0 ppm, oxygen normal	No odor
4/5/2019	12805 Crosby Lynchburg Rd. (Crosby)	12:30 AM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/5/2019	Clinton Park, Mississippi St. and Defender St. (Houston)	12:34 AM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0.1 ppm Cl2, oxygen normal; 0 ppm	No odor
4/5/2019	187 County Rd. (Dayton)	12:35 AM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/5/2019	Crosby Fwy./Miller #3 (Houston)	12:45 AM	MultiRAE Benzene; MultiRAE	VOC; CO, H2S, LEL, O2	0.0 ppm; 0 ppm, oxygen normal	No odor
4/5/2019	Greater Mt. Moriah Baptist Church (Houston)	12:48 AM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0.1 ppm Cl2, oxygen normal; 0 ppm	No odor
4/5/2019	433 CR 48824 (Dayton)	12:50 AM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/5/2019	1399 Cherry Ln. (Crosby)	12:50 AM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/5/2019	Miller #3/Beaumont (Houston)	1:00 AM	MultiRAE Benzene; MultiRAE	VOC, CO, H2S, LEL, O2	0.0 ppm; 0 ppm, oxygen normal	No odor
4/5/2019	380 CR 4906 (Dayton)	1:05 AM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/5/2019	4204 Fidelity St. (Jacinto City)	1:05 AM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0.1 ppm Cl2, oxygen normal; 0 ppm	No odor
4/5/2019	724 Red Oak Ave. (Crosby)	1:10 AM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/5/2019	14405 Beaumont (Houston)	1:15 AM	MultiRAE Benzene; MultiRAE	VOC; CO, H2S, LEL, O2	0.0 ppm; 0 ppm, oxygen normal	No odor
4/5/2019	357 CR 4901 (Dayton)	1:20 AM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/5/2019	1401 Fidelity St. (Houston)	1:20 AM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0.1 ppm Cl2, oxygen normal; 0 ppm	No odor
4/5/2019	14809 Crosby Fwy. (Houston)	1:30 AM	MultiRAE Benzene; MultiRAE	VOC; CO, H2S, LEL, O2	0.0 ppm; 0 ppm, oxygen normal	No odor
4/5/2019	10904 Crosby Lynchburg Rd. (Crosby)	1:30 AM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/5/2019	140 Fidelity St. (Houston)	1:33 AM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0.1 ppm Cl2, oxygen normal; 0 ppm	No odor
4/5/2019	64 CR 4892 (Dayton)	1:35 AM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/5/2019	6855 Uvalde Rd. (Houston)	1:45 AM	MultiRAE Benzene; MultiRAE	VOC; CO, H2S, LEL, O2	0.0 ppm; 0 ppm, oxygen normal	No odor
4/5/2019	99 CR 4894 (Dayton)	1:50 AM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/5/2019	1906 2nd St. (Galena Park)	1:50 AM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0.1 ppm Cl2, oxygen normal; 0 ppm	No odor
4/5/2019	1908 N. Main St. (Highlands)	1:50 AM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/5/2019	15245 Wallisville Rd. (Houston)	2:00 AM	MultiRAE Benzene; MultiRAE	VOC; CO, H2S, LEL, O2	0.0 ppm; 0 ppm, oxygen normal	No odor
4/5/2019	1801 N. Main St. (Galena Park)	2:03 AM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0.1 ppm Cl2, oxygen normal; 0 ppm	No odor
4/5/2019	7930 Erie St. (Baytown)	2:05 AM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/5/2019	17225 Crosby Frwy., Hams County	2:10 AM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/5/2019	4406 Cross Vine Ave. (Baytown)	2:20 AM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/5/2019	10202 E. Service Rd. (Jacinto City)	2:20 AM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0.1 ppm Cl2, oxygen normal; 0 ppm	No odor
4/5/2019	14909 Wallisville Rd. (Houston)	2:30 AM	MultiRAE Benzene; MultiRAE	VOC; CO, H2S, LEL, O2	0.0 ppm; 0 ppm, oxygen normal	No odor
4/5/2019	15822 East Fwy. (Channelview)	2:30 AM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/5/2019	4402 Mesa Ct. (Baytown)	2:35 AM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/5/2019	1505 1st St. (Galena Park)	2:40 AM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0.1 ppm Cl2, oxygen normal; 0 ppm	No odor
4/5/2019	5996 Uvalde (Houston)	2:45 AM	MultiRAE Benzene; MultiRAE	VOC; CO, H2S, LEL, O2	0.0 ppm; 0 ppm, oxygen normal	No odor
4/5/2019	7930 Chippewa St. (Baytown)	2:50 AM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/5/2019	909 Woodland St. (Channelview)	2:50 AM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/5/2019	401 Holland Ave. (Galena Park)	2:52 AM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0.1 ppm Cl2, oxygen normal; 0 ppm	No odor
4/5/2019	5655 E. Sam Houston (Houston)	3:00 AM	MultiRAE Benzene; MultiRAE	VOC; CO, H2S, LEL, O2	0.0 ppm; 0 ppm, oxygen normal	No odor
4/5/2019	8910 Mable St. (Highlands)	3:05 AM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/5/2019	11450 East Fwy. (Jacinto City)	3:10 AM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0.1 ppm Cl2, oxygen normal; 0 ppm	No odor
4/5/2019	1718 Jamie Erwin Ln. (Channelview)	3:10 AM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/5/2019	Black Rock/Woodline (Houston)	3:15 AM	MultiRAE Benzene; MultiRAE	VOC; CO, H2S, LEL, O2	0.0 ppm; 0 ppm, oxygen normal	No odor
4/5/2019	3803 Lance (Highlands)	3:20 AM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/5/2019	1402 Federal Rd. (Houston)	3:30 AM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/5/2019	Crosshaven/Evanston (Houston)	3:30 AM	MultiRAE Benzene; MultiRAE	VOC; CO, H2S, LEL, O2	0.0 ppm; 0 ppm, oxygen normal	No odor
4/5/2019	16814 Wood Dr. (Channelview)	3:30 AM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2, Benzene	0 ppm, oxygen normal	No odor
4/5/2019	10210 Glenwood Dr. (Crosby)	3:35 AM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/5/2019	550 Clinton Dr. (Houston)	3:45 AM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0.1 ppm Cl2, oxygen normal; 0 ppm	No odor
4/5/2019	13911 Woodforest (Houston)	3:45 AM	MultiRAE Benzene; MultiRAE	VOC; CO, H2S, LEL, O2	0.0 ppm; 0 ppm, oxygen normal	No odor
4/5/2019	9630 Hadden Rd. (Baytown)	3:50 AM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor

Date	Location	Time (Approx.)	Instrument	Parameters	Survey Results	Other Notes/Observations
Friday, April 5, 2019						
4/5/2019	Old River Terrace (Channelview)	3:50 AM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2; Benzene	0 ppm, oxygen normal	No odor
4/5/2019	12964 Market St. (Houston)	4:00 AM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0.1 ppm Cl2, oxygen normal; 0 ppm	No odor
4/5/2019	14310 Dun Cannon (Houston)	4:00 AM	MultiRAE Benzene; MultiRAE	VOC; CO, H2S, LEL, O2	0.0 ppm; 0 ppm, oxygen normal	No odor
4/5/2019	7218 Whitetail Dr. (Baytown)	4:05 AM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/5/2019	16800 Shady Ln. (Channelview)	4:10 AM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2; Benzene	0 ppm, oxygen normal	No odor
4/5/2019	13427 East Fwy. (Houston)	4:15 AM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0.1 ppm Cl2, oxygen normal; 0 ppm	No odor
4/5/2019	Corpus Christi/Barbara Mae (Houston)	4:15 AM	MultiRAE Benzene; MultiRAE	VOC; CO, H2S, LEL, O2	0.0 ppm; 0 ppm, oxygen normal	No odor
4/5/2019	3333 I-10 Frontage Rd. (Baytown)	4:20 AM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/5/2019	13740 E. Fwy. (Houston)	4:23 AM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0.1 ppm Cl2, oxygen normal; 0 ppm	No odor
4/5/2019	1231 Freepoint (Houston)	4:30 AM	MultiRAE Benzene; MultiRAE	VOC; CO, H2S, LEL, O2	0.0 ppm; 0 ppm, oxygen normal	No odor
4/5/2019	335 Brompton Ct. (Highlands)	4:30 AM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2; Benzene	0 ppm, oxygen normal	No odor
4/5/2019	1130 Freepoint St. (Houston)	4:33 AM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0.1 ppm Cl2, oxygen normal; 0 ppm	No odor
4/5/2019	3040 E. Wallisville Rd. (Baytown)	4:35 AM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/5/2019	13469 E. Fwy. (Houston)	4:45 AM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0.1 ppm Cl2, oxygen normal; 0 ppm	No odor
4/5/2019	Dell Dale/Market (Houston)	4:45 AM	MultiRAE Benzene; MultiRAE	VOC; CO, H2S, LEL, O2	0.0 ppm; 0 ppm, oxygen normal	No odor
4/5/2019	3307 Barbers Hill (Crosby)	4:50 AM	MultiRAE Lite; UltraRAE 3000	O2, VOC, LEL, H2S, CO; Benzene	0 ppm, oxygen normal; 0 ppm	No odor
4/5/2019	107 Wild Rose St. (Baytown)	4:50 AM	MultiRAE Benzene	LEL, VOC, H2S, CO, O2; Benzene	0 ppm, oxygen normal	No odor
4/5/2019	Garlang/Carlang (Channelview)	5:00 AM	MultiRAE Benzene; MultiRAE	VOC; CO, H2S, LEL, O2	0.0 ppm; 0 ppm, oxygen normal	No odor
4/5/2019	Young Elementary School, 4221 Fox Meadow Lane (Pasadena)	6:30 AM	MultiRAE Lite; TVA	LEL, VOC, H2S, CO, O2; VOC	0 ppm, oxygen normal; 1.5 - 1.83 ppm	No odor
4/5/2019	Christy Park, 820 Avenue I (South Houston)	6:59 AM	MultiRAE Lite; TVA	LEL, VOC, H2S, CO, O2; VOC	0 ppm, oxygen normal; 1.46 - 1.83 ppm	No odor
4/5/2019	550 E. Sam Houston (Highlands)	7:00 AM	TVA; MultiRAE	VOC; O2, CO, VOC, H2S, LEL	1.4 - 1.8 ppm; 0 ppm, oxygen normal	No relevant odors detected (grass/exhaust)
4/5/2019	156 Ellis School Rd. (Highlands)	7:23 AM	TVA; MultiRAE	VOC; O2, CO, VOC, H2S, LEL	1.9 - 2.1 ppm; 0 ppm, oxygen normal	No odor
4/5/2019	Strawberry Park, 1114 Parkside Dr. (Pasadena)	7:31 AM	MultiRAE Lite; TVA	LEL, VOC, H2S, CO, O2; VOC	0 ppm, oxygen normal; 0.83 - 0.95 ppm	No odor
4/5/2019	Holy Family Catholic Church, E. Whiting Rock St. (Baytown)	8:15 AM	TVA; MultiRAE	VOC; O2, CO, VOC, H2S, LEL	1.4 - 1.8 ppm; 0 ppm, oxygen normal	No relevant odors detected (sweet but cinnamon like smell)
4/5/2019	Pasadena Highlands Park, 400 Juanita Dr. (Pasadena)	8:31 AM	MultiRAE Lite; TVA	LEL, VOC, H2S, CO, O2; VOC	0 ppm, oxygen normal; 0.66 - 0.76 ppm	No odor
4/5/2019	North Main St. (Baytown)	8:46 AM	TVA; MultiRAE	VOC; O2, CO, VOC, H2S, LEL	2.1 - 2.4 ppm; 0 ppm, oxygen normal	No relevant odors detected (strong skunk smell)
4/5/2019	Revelon Park, 900 Foster Ave. (Pasadena)	9:06 AM	MultiRAE Lite; TVA	LEL, VOC, H2S, CO, O2; VOC	0 ppm, oxygen normal; 0.54 - 0.63 ppm	No odor
4/5/2019	San Jacinto Community Center (Highlands)	9:22 AM	TVA; MultiRAE	VOC; O2, CO, VOC, H2S, LEL	2.43 - 2.6 ppm; 0 ppm, oxygen normal	No relevant odors detected (other misc. odors)
4/5/2019	Pasadena Municipal Court, 1001 Shaw Ave. (Pasadena)	9:26 AM	MultiRAE Lite; TVA	LEL, VOC, H2S, CO, O2; VOC	0 ppm, oxygen normal; 0.37 - 0.44 ppm	No odor
4/5/2019	Church of Christ - Lakewood (Baytown)	9:50 AM	TVA; MultiRAE	VOC; O2, CO, VOC, H2S, LEL	2.4 - 2.6 ppm; 0 ppm, oxygen normal	No odor
4/5/2019	Pasadena Memorial Park, 626 W Jackson Ave. #426 (Pasadena)	9:54 AM	MultiRAE Lite; TVA	LEL, VOC, H2S, CO, O2; VOC	0 ppm, oxygen normal; 0.30 - 0.41 ppm	No odor
4/5/2019	Hartman Park 9311 E. Avenue P (Houston)	10:30 AM	MultiRAE Lite; TVA	LEL, VOC, H2S, CO, O2; VOC	0 ppm, oxygen normal; 0.18 - 0.33 ppm	No odor
4/5/2019	Riverdale Church (Crosby)	10:40 AM	TVA; MultiRAE	VOC; O2, CO, VOC, H2S, LEL	2.35 - 2.56 ppm; 0 ppm, oxygen normal	No odor
4/5/2019	Milby Park, 2001 Central St. (Houston)	11:03 AM	MultiRAE Lite; TVA	LEL, VOC, H2S, CO, O2; VOC	0 ppm, oxygen normal; 0.19 - 0.24 ppm	During the initial 30-minute survey, a very light to light burning rubber odor was detected.
4/5/2019	Manchester Baptist Church, 9301 Manchester St. (Houston)	11:45 AM	MultiRAE Lite; TVA	LEL, VOC, H2S, CO, O2; VOC	0 ppm, oxygen normal; 0.38 - 2.58 ppm	No odor
4/5/2019	Brownwood Park (Baytown)	12:05 PM	TVA; MultiRAE	VOC; O2, CO, VOC, H2S, LEL	2.6 - 2.8 ppm; 0 ppm, oxygen normal	No odor
4/5/2019	Oak Meadow Park, 506 Christine St. (Houston)	12:15 PM	MultiRAE Lite; TVA	LEL, VOC, H2S, CO, O2; VOC	0 ppm, oxygen normal; -0.5 - 0.09 ppm	No odor
4/5/2019	9101 Clinton Dr. (Houston)	12:20 PM	MultiRAE Lite; UltraRAE 3000	Cl2, NH3, LEL, O2, VOC; Benzene	0.1 ppm Cl2, oxygen normal; 0 ppm	No odor
4/5/2019	Baytown Wetlands Center (Baytown)	12:40 PM	TVA; MultiRAE	VOC; O2, CO, VOC, H2S, LEL	2.4 - 2.8 ppm; 0 ppm, oxygen normal	No odor
4/5/2019	Meadow Creek Community Center 5333 Berry Creek Dr. (Houston)	1:10 PM	MultiRAE Lite; TVA	LEL, VOC, H2S, CO, O2; VOC	0 ppm, oxygen normal; -0.35 - .51 ppm	No odor