

## **Intercontinental Terminals Fire – March 2019 TCEQ’s Handheld Monitoring Equipment Data**

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

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

Date	Location	Time (Approx.)	Instrument	Benzene	LEL	VOC	H2S	CO	Gamma	O2	SO2	NH3	CL2	Other Notes/Observations
<b>Thursday, April 11, 2019</b>														
4/11/2019	7410 Breda Dr., Baytown	6:26 AM	TVA; MultiRAE Pro		0%	0.33 ppm	0 ppm	0 ppm	3 µrem/hr.		0 ppm			Background reading
4/11/2019	8530 C. E. King Pkwy., Houston	6:30 AM	TVA; MultiRAE Lite		0%	2.85 ppm	0 ppm	0 ppm		20.90%	0 ppm			No odors
4/11/2019	Montclair Bend Ln., Houston	6:52 AM	TVA; MultiRAE Lite		0%	4.38 ppm	0 ppm	0 ppm		20.90%	0 ppm			No odors
4/11/2019	FM 1942 and Apache Ln.,	7:00 AM	TVA; MultiRAE Pro		0%	1.23 ppm	0 ppm	0 ppm	4 µrem/hr.		0 ppm			No odors
4/11/2019	1122 Nancy Rose St., Houston	7:00 AM	MultiRAE Lite; UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	2310 Garth Rd., Baytown	7:00 AM	MultiRAE Lite; UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	13408 Seaberg Rd., Crosby	7:29 AM	TVA; MultiRAE Pro		0%	0.92 ppm	0 ppm	0 ppm	3 µrem/hr.		0 ppm			No odors
4/11/2019	13818 Brownsville St., Houston	7:30 AM	MultiRAE Lite; UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	1719 W. Texas Ave., Baytown	7:30 AM	MultiRAE Lite; UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	14140 Garrett Rd., Houston	7:45 AM	TVA; MultiRAE Lite		0%	2.39 ppm	0 ppm	0 ppm		20.90%	0 ppm			No odors
4/11/2019	3315 Kennings, Crosby	7:58 AM	TVA; MultiRAE Pro		0%	0.64 ppm	0 ppm	0 ppm	3 µrem/hr.		0 ppm			No odors
4/11/2019	729 Normandy St., Houston	8:00 AM	MultiRAE Lite; UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	214 W. Texas Ave., Baytown	8:00 AM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	13522 Bohemian Hall Rd.,	8:26 AM	TVA; MultiRAE Pro		0%	0.52 ppm	0 ppm	0 ppm	3 µrem/hr.		0 ppm			No odors
4/11/2019	13400 Aqueduct Rd., Houston	8:30 AM	TVA; MultiRAE Lite		0%	2.48 ppm	0 ppm	0 ppm		20.90%	0 ppm			No odors
4/11/2019	13301 Granada St., Houston	8:30 AM	MultiRAE Lite; UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	1713 1/2 Garth Rd., Baytown	8:30 AM	MultiRAE Lite; UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	13706 Saddle Ridge Rd.,	8:52 AM	TVA; MultiRAE Pro		0%	0.32 ppm	0 ppm	0 ppm	4 µrem/hr.		0 ppm			No odors
4/11/2019	503 Freeport St., Houston	9:00 AM	MultiRAE Lite; UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	1418 TX - 146, Baytown	9:00 AM	MultiRAE Lite; UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	10910 Sheldon Rd., Houston	9:15 AM	TVA; MultiRAE Lite		0%	2.64 ppm	0 ppm	0 ppm		20.90%	0 ppm			No odors
4/11/2019	13515 Cedar Grove Dr.,	9:18 AM	TVA; MultiRAE Pro		0%	0.20 ppm	0 ppm	0 ppm	3 µrem/hr.		0 ppm			No odors
4/11/2019	14710 Woodforest Blvd., Houston	9:30 AM	MultiRAE Lite; UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	2800 Garth Rd., Baytown	9:30 AM	MultiRAE Lite; UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	Sralla Rd. and FM 1942,	9:46 AM	TVA; MultiRAE Pro		0%	0.07 ppm	0 ppm	0 ppm	4 µrem/hr.		0 ppm			No odors
4/11/2019	Sheldon Rd. and Crosby Fwy., Houston	10:00 AM	TVA; MultiRAE Lite		0%	2.66 ppm	0 ppm	0 ppm		20.90%	0 ppm			No odors
4/11/2019	14310 Duncannon Dr., Houston	10:00 AM	MultiRAE Lite; UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	300 W. Baker Rd., Baytown	10:00 AM	MultiRAE Lite; UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	317 Barbers Hill Rd.,	10:12 AM	TVA; MultiRAE Pro		0%	0.06 ppm	0 ppm	0 ppm	6 µrem/hr.		0 ppm			No odors
4/11/2019	332 Freeport St., Houston	10:30 AM	MultiRAE Lite; UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	4401 Garth Rd., Baytown	10:30 AM	MultiRAE Lite; UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	Battle Rd. and Crosby	10:38 AM	TVA; MultiRAE Pro		0%	-0.09 ppm	0 ppm	0 ppm	4 µrem/hr.		0 ppm			No odors
4/11/2019	8215 Reservoir Dr., Houston	10:40 AM	TVA; MultiRAE Lite		0%	2.73 ppm	0 ppm	0 ppm		20.90%	0 ppm			No odors
4/11/2019	14110 Wallisville Rd., Houston	11:00 AM	MultiRAE Lite; UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors

Date	Location	Time	Instrument	Benzene	LEL	VOC	H2S	CO	Gamma	O2	SO2	NH3	CL2	Other
<b>Thursday, April 11, 2019</b>														
4/11/2019	5300 E. Rd., Baytown	11:00 AM	MultiRAE Lite; UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	13000 Crosby Lynchburg Rd.,	11:07 AM	TVA; MultiRAE Pro		0%	-0.27 ppm	0 ppm	0 ppm	3 µrem/hr.		0 ppm			No odors
4/11/2019	7803 Uvalde Rd., Houston	11:12 AM	TVA; MultiRAE Lite		0%	2.82 ppm	0 ppm	0 ppm		20.90%	0 ppm			No odors
4/11/2019	6500 Purple Sage Rd.,	11:30 AM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	6202 Garth Rd., Baytown	11:30 AM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	14703 FM 2100, Crosby	11:34 AM	TVA; MultiRAE Pro		0%	-0.40 ppm	0 ppm	0 ppm	3 µrem/hr.		0 ppm			No odors
4/11/2019	5609 Uvalde Rd., Houston	12:00 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	6425 Garth Rd., Baytown	12:00 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	808 1/2 Magnolia Ave.,	12:02 PM	TVA; MultiRAE Pro		0%	-0.43 ppm	0 ppm	0 ppm	4 µrem/hr.		0 ppm			No odors
4/11/2019	Kinsman Rd. and Ivydale Dr.,	12:10 PM	TVA; MultiRAE Lite		0%	2.87 ppm	0 ppm	0 ppm		20.90%	0 ppm			No odors
4/11/2019	6627 Brighton Fern Ln.,	12:30 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	1518 San Jacinto Mall,	12:30 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	2010 Grace Ln., Highlands	12:38 PM	TVA; MultiRAE Pro		0%	0.70 ppm	0 ppm	0 ppm	3 µrem/hr.		0 ppm			No odors
4/11/2019	C. E. King Pkwy. And	12:58 PM	TVA; MultiRAE Lite		0%	3.39 ppm	0 ppm	0 ppm		20.90%	0 ppm			No odors
4/11/2019	15902 Millers Landing Rd.,	1:00 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	Seabird St., Baytown	1:00 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	19502 Beaumont Hwy.,	1:08 PM	TVA; MultiRAE Pro		0%	-0.46 ppm	0 ppm	0 ppm			0 ppm			No odors
4/11/2019	9011 Sheldon Rd., Houston	1:30 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	6001 E. Wallisville Rd.,	1:30 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	2001 Sheldon Rd.,	2:00 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	7711 Garth Rd., Baytown	2:00 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	15255 Ferness Ln.,	2:30 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	4711 Seabird St., Baytown	2:30 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	7803 Uvalde Rd., Houston	2:56 PM	TVA; MultiRAE Lite		0%	2.94 ppm	0 ppm	0 ppm		20.90%	0 ppm			No odors
4/11/2019	226 Dell Dale St.,	3:00 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	4911 I-10, Baytown	3:00 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	Cliff Dr. and E. Broussard St., Crosby	3:00 PM	TVA, MultiRAE Lite; UltraRAE 3000	0 ppm	0%	0.4 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	Kennings Rd. and Green Acres St., Crosby	3:25 PM	TVA, MultiRAE Lite; UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	8815 Pineland Rd., Houston	3:28 PM	TVA; MultiRAE Lite		0%	2.21 ppm	0 ppm	0 ppm		20.90%	0 ppm			No odors
4/11/2019	16516 Market St.,	3:30 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	Church of Christ, Baytown	3:30 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	Garth Rd. and FM 1942, Crosby	3:50 PM	TVA, MultiRAE Lite; UltraRAE 3000	0 ppm	0%	-0.2 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	17129 Market St.,	4:00 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	302 N. Main St., Highlands	4:00 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	Apache Ln., Crosby	4:25 PM	TVA, MultiRAE Lite; UltraRAE 3000	0 ppm	0%	-0.7 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	18310 Market St.,	4:30 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	604 Highland Woods Dr.,	4:30 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	17203 Hall Shepperd Rd.,	4:32 PM	TVA; MultiRAE Lite		0%	2.82 ppm	0 ppm	0 ppm		20.90%	0 ppm			No odors
4/11/2019	FM 1492 and Holy Rd., Crosby	4:52 PM	TVA, MultiRAE Lite; UltraRAE 3000	0 ppm	0%	-0.6 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	Sheldon Ridge Way and Gardentree Dr., Houston	4:58 PM	TVA; MultiRAE Lite		0%	2.54 ppm	0 ppm	0 ppm		20.90%	0 ppm			No odors
4/11/2019	16800 Bear Bayou Dr.,	5:00 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	608 S. Main St., Highlands	5:00 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	Euell Rd., Crosby	5:23 PM	TVA, MultiRAE Lite; UltraRAE 3000	0 ppm	0%	-1.0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	16311 East Fwy., Channelview	5:30 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	12056 Sonnier St., Houston	5:30 PM	TVA; MultiRAE Lite		0%	2.48 ppm	0 ppm	0 ppm		20.90%	0 ppm			No odors
4/11/2019	N. Krenek Rd., Crosby	5:48 PM	TVA, MultiRAE Lite; UltraRAE 3000	0 ppm	0%	-1.0 ppm	0 ppm	0 ppm		20.90%				No odors

Date	Location	Time	Instrument	Benzene	LEL	VOC	H2S	CO	Gamma	O2	SO2	NH3	CL2	Other
<b>Thursday, April 11, 2019</b>														
4/11/2019	11727 E. Sam Houston Pkwy.,	6:01 PM	TVA; MultiRAE Lite		0%	2.59 ppm	0 ppm	0 ppm		20.90%	0 ppm			No odors
4/11/2019	10210 C. E. King Pkwy.,	6:27 PM	TVA; MultiRAE Lite		0%	2.40 ppm	0 ppm	0 ppm		20.90%	0 ppm			No odors
4/11/2019	Fern Forest and Parkway	6:53 PM	TVA; MultiRAE Lite		0%	2.86 ppm	0 ppm	0 ppm		20.90%	0 ppm			No odors
4/11/2019	17705 River Rd., Channelview	7:00 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/11/2019	5002 S. Lake Houston Pkwy.,	7:04 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	18298 Market St.,	7:15 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/11/2019	8530 C. E. King Pkwy.,	7:18 PM	TVA; MultiRAE Lite		0%	2.64 ppm	0 ppm	0 ppm		20.90%	0 ppm			No odors
4/11/2019	5300 S. Lake Houston Pkwy.,	7:18 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	115 Coy Rd., Crosby	7:20 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/11/2019	17522 Beaumont Hwy., Houston	7:22 PM	TVA, MultiRAE Lite; UltraRAE 3000	0 ppm	0%	-1.3 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	14703 FM 2100, Crosby	7:30 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm				20.90%		0 ppm	0 ppm	No odors
4/11/2019	Market St. and Lazy Shore	7:30 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/11/2019	5850 S. Lake Houston Pkwy.,	7:33 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	715 Zinn Dr., Crosby	7:40 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/11/2019	306 Spencer Ln., Crosby	7:45 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm				20.90%		0 ppm	0 ppm	No odors
4/11/2019	18 Lakeside Dr., Channelview	7:45 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/11/2019	Riley Chambers Park, Crosby	7:48 PM	TVA, MultiRAE Lite; UltraRAE 3000	0 ppm	0%	-1.2 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	6310 S. Lake Houston Pkwy.,	7:49 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	13210 Tidwell Rd., Houston	8:00 PM	TVA; MultiRAE Lite		0%	2.76 ppm	0 ppm	0 ppm		20.90%	0 ppm			No odors
4/11/2019	317 Barbers Hill Rd.,	8:00 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/11/2019	13407 Blanchard Dr., Crosby	8:00 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm				20.90%		0 ppm	0 ppm	No odors
4/11/2019	16452 De Zavala Rd,	8:00 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/11/2019	13622 Windhaven St.,	8:03 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	715 Zinn Dr., Crosby	8:15 PM	TVA, MultiRAE Lite; UltraRAE 3000	0 ppm	0%	-1.3 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	503 FM 1942, Crosby	8:15 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm				20.90%		0 ppm	0 ppm	No odors
4/11/2019	15312 Market St.,	8:15 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/11/2019	12803 Flagstaff Ln., Houston	8:18 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	410 Bartlett Bend Dr.,	8:20 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/11/2019	13101 Ivydale Dr., Houston	8:26 PM	TVA; MultiRAE Lite		0%	3.08 ppm	0 ppm	0 ppm		20.90%	0 ppm			No odors
4/11/2019	13322 Sralla Rd., Crosby	8:30 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm				20.90%		0 ppm	0 ppm	No odors
4/11/2019	14702 Kenny St., Houston	8:30 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/11/2019	7715 Royalwood Dr., Houston	8:35 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	473 Stratford St., Highlands	8:40 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/11/2019	Barret Elementary School, Crosby	8:41 PM	TVA, MultiRAE Lite; UltraRAE 3000	0 ppm	0%	-1.2 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	2422 Kennings Rd., Crosby	8:45 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm				20.90%		0 ppm	0 ppm	No odors
4/11/2019	1301 Redmond St., Houston	8:45 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/11/2019	8003 E. Sam Houston Pkwy.,	8:50 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	317 Barbers Hill Rd.,	9:00 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/11/2019	1605 Kennings Rd., Crosby	9:00 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm				20.90%		0 ppm	0 ppm	No odors
4/11/2019	12800 Nimitz St., Houston	9:00 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/11/2019	6500 E. Sam Houston Pkwy.,	9:01 PM	TVA; MultiRAE Lite		0%	2.92 ppm	0 ppm	0 ppm		20.90%	0 ppm			No odors
4/11/2019	317 Barbers Hill Rd., Highlands	9:05 PM	TVA, MultiRAE Lite; UltraRAE 3000	0 ppm	0%	-1.2 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	8013 Van Hut Ln., Houston	9:05 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	2920 Kennings Rd., Crosby	9:15 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm				20.90%		0 ppm	0 ppm	No odors
4/11/2019	602 Beresford St., Houston	9:15 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/11/2019	9100 Wade Rd., Highlands	9:20 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/11/2019	11946 Enchanted Path Dr.,	9:20 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	12411 Diakovic Dr., Houston	9:30 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/11/2019	3302 Holy Rd., Crosby	9:35 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm				20.90%		0 ppm	0 ppm	No odors

Date	Location	Time	Instrument	Benzene	LEL	VOC	H2S	CO	Gamma	O2	SO2	NH3	CL2	Other
<b>Thursday, April 11, 2019</b>														
4/11/2019	C. E. King High School,	9:35 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	2615 E. Wallisville Rd.,	9:40 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/11/2019	12401 Wallisville Rd.,	9:45 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/11/2019	3119 FM 1942, Crosby	9:50 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm				20.90%		0 ppm	0 ppm	No odors
4/11/2019	8901 Deep Valley Dr.,	9:50 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	7707 Bayway Dr., Baytown	10:00 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/11/2019	14438 Wallisville Rd.,	10:00 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/11/2019	4011 Roving Meadows Ln.,	10:05 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm				20.90%		0 ppm	0 ppm	No odors
4/11/2019	10210 C. E. King Pkwy.,	10:05 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	14359 Edenglen Dr., Houston	10:15 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/11/2019	5518 Bayway Dr., Baytown	10:20 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/11/2019	10106 Fairfield Dr., Crosby	10:20 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm				20.90%		0 ppm	0 ppm	No odors
4/11/2019	13011 Garrett Rd., Houston	10:20 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	6402 Uvalde Rd., Houston	10:30 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/11/2019	10310 MacDuff St., Crosby	10:35 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm				20.90%		0 ppm	0 ppm	No odors
4/11/2019	1907 Carolina Ave., Baytown	10:40 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/11/2019	11027 W. Early Dusk Cir.,	10:40 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	6317 E. Sam Houston Pkwy.,	10:45 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/11/2019	205 Meyer Rd., Highlands	10:50 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm				20.90%		0 ppm	0 ppm	No odors
4/11/2019	9015 Johns Rd., Houston	10:58 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	100 Roseland Dr., Baytown	11:00 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/11/2019	5655 E. Sam Houston Pkwy.,	11:00 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/11/2019	Drew Elementary School,	11:05 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm				20.90%		0 ppm	0 ppm	No odors
4/11/2019	7829 Miller Rd. #2, Houston	11:15 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	14108 Woodforest Blvd.,	11:15 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/11/2019	308 Graham St., Baytown	11:20 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/11/2019	808 1/2 Magnolia Ave.,	11:20 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm				20.90%		0 ppm	0 ppm	No odors
4/11/2019	1012 Freeport St., Houston	11:30 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/11/2019	106 Oak Ave., Crosby	11:35 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm				20.90%		0 ppm	0 ppm	No odors
4/11/2019	15851 Granite Mountain Trl.,	11:35 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/11/2019	4401 Garth Rd., Baytown	11:40 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/11/2019	14555 Duncum St, Houston	11:45 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/11/2019	125 Texas Southern Dr.,	11:50 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm				20.90%		0 ppm	0 ppm	No odors
4/11/2019	15741 Wallisville Rd.,	11:50 PM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
<b>Friday, April 12, 2019</b>														
4/12/2019	6001 E. Wallisville Rd.,	12:00 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/12/2019	551 Overbluff Dr., Houston	12:00 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/12/2019	1903 Idylwood Dr., Houston	12:20 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/12/2019	12501 Palm Springs Dr.,	12:30 AM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm				20.90%		0 ppm	0 ppm	No odors
4/12/2019	5611 Spencer Hwy., Pasadena	12:30 AM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/12/2019	6815 Rustic St., Houston	12:40 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/12/2019	6001 Pine Ave., Pasadena	12:43 AM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/12/2019	12010 Palmton St., Houston	12:45 AM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm				20.90%		0 ppm	0 ppm	No odors
4/12/2019	4201 Pasadena Blvd.,	12:58 AM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/12/2019	1800 Coral St., Houston	1:00 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/12/2019	10401 Ney St., Houston	1:00 AM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm				20.90%		0 ppm	0 ppm	No odors
4/12/2019	601 Sheldon Rd., Channelview	1:00 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/12/2019	4325 W. Pasadena Blvd., Deer	1:13 AM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/12/2019	2300 Rodney St., Houston	1:15 AM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm				20.90%		0 ppm	0 ppm	No odors
4/12/2019	826 Dell Dale St.,	1:15 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/12/2019	Pecan Park, Houston	1:20 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/12/2019	5010 Pasadena Blvd., Deer Park	1:23 AM	MultiRAE Lite; UltraRAE 3000	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				Very strong odor more like a paint remover or thinner.
4/12/2019	900 Avenue H, South Houston	1:30 AM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm				20.90%		0 ppm	0 ppm	No odors

Date	Location	Time	Instrument	Benzene	LEL	VOC	H2S	CO	Gamma	O2	SO2	NH3	CL2	Other
<b>Friday, April 12, 2019</b>														
4/12/2019	15003 Elstree Dr.,	1:30 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/12/2019	2921 Center St., Deer Park	1:38 AM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/12/2019	400 Rhode Island St., Houston	1:40 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/12/2019	402 Weldon St., South	1:45 AM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm				20.90%		0 ppm	0 ppm	No odors
4/12/2019	1503 Wrotham Ln.,	1:45 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/12/2019	401 Ivy Ave., Deer Park	1:55 AM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				Very strong odor sweet like
4/12/2019	2503 16th St., Galena Park	2:00 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/12/2019	5333 Berry Creek Dr.,	2:00 AM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm				20.90%		0 ppm	0 ppm	No odors
4/12/2019	16437 Wallisville Rd.,	2:00 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/12/2019	1300 E. 13th St., Deer Park	2:10 AM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				Little odor. Sweet odor.
4/12/2019	5518 Firefly St., Houston	2:15 AM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm				20.90%		0 ppm	0 ppm	No odors
4/12/2019	5801 Carpenters Landing,	2:15 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/12/2019	9899 Stedman St., Houston	2:20 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/12/2019	3602 East Blvd., Deer Park	2:29 AM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/12/2019	827 Maroby St., Houston	2:30 AM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm				20.90%		0 ppm	0 ppm	No odors
4/12/2019	8358 Miller Rd. #2, Houston	2:30 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/12/2019	Galena Park Elementary	2:40 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/12/2019	8201 N. Bayou Dr., Houston	2:45 AM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm				20.90%		0 ppm	0 ppm	No odors
4/12/2019	9435 Sheldon Rd., Houston	2:45 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/12/2019	10615 N. Ave. L, La Porte	2:50 AM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/12/2019	1401 Keene St., Galena Park	3:00 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/12/2019	8219 Detroit St., Houston	3:00 AM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm				20.90%		0 ppm	0 ppm	No odors
4/12/2019	7961 Sheldon Rd., Houston	3:00 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/12/2019	10616 N. Ave. L, La Porte	3:05 AM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/12/2019	16670 Wallisville Rd.,	3:15 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/12/2019	10200 Burman St., Jacinto	3:20 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/12/2019	Richey Elementary School,	3:20 AM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm				20.90%		0 ppm	0 ppm	No odors
4/12/2019	11315 Spencer Hwy., La Porte	3:20 AM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/12/2019	1814 Rancho Grande Dr.,	3:30 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/12/2019	914 W. Hart Ave., Pasadena	3:35 AM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm				20.90%		0 ppm	0 ppm	No odors
4/12/2019	10701 Wiggins St., Houston	3:40 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/12/2019	1014 Ashland Dr.,	3:45 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/12/2019	812 Main St., Pasadena	3:50 AM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm				20.90%		0 ppm	0 ppm	No odors
4/12/2019	725 S. Broadway St., La Porte	3:50 AM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/12/2019	10910 Munn St., Houston	4:00 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/12/2019	16350 Wood Dr.,	4:00 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/12/2019	2007 Merle St., Pasadena	4:05 AM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm				20.90%		0 ppm	0 ppm	No odors
4/12/2019	16620 Bear Bayou Dr.,	4:15 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/12/2019	11518 Lord St., Houston	4:20 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/12/2019	2707 Lafferty Rd., Pasadena	4:20 AM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm				20.90%		0 ppm	0 ppm	No odors
4/12/2019	3003 Old Hwy. 146, La Porte	4:20 AM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/12/2019	943 Redwood Ct.,	4:30 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/12/2019	2107 Chestnut Ln., Pasadena	4:35 AM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm				20.90%		0 ppm	0 ppm	No odors
4/12/2019	12302 Coulson St., Houston	4:40 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/12/2019	1602 W. Main St., La Porte	4:40 AM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.90%				No odors
4/12/2019	16001 Ave. C, Channelview	4:45 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/12/2019	1403 London St., Pasadena	4:50 AM	MultiRAE Lite; UltraRAE	0 ppm	0%	0 ppm				20.90%		0 ppm	0 ppm	No odors
4/12/2019	12337 Kitty Ln., Houston	5:00 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/12/2019	16965 Ave. B, Channelview	5:00 AM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors
4/12/2019	15403 South Dr., Channelview	12:45 PM	MultiRAE Benzene	0 ppm	0%	0 ppm	0 ppm	0 ppm		20.9%				No odors