

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
Friday, March 22, 2019	Channelview Acres (Channelview)	12:30 PM	MultiRAE	VOC	0 ppm	No odors detected.
	Flying J Travel Center, 102 Sheldon Rd. (Channelview)	1:25 PM	MultiRAE	VOC	0 ppm	No odors detected.
	Lake Homes (Channelview)	2:26 PM	MultiRAE	VOC	0 ppm	No odors detected.
	Pemberton St. toward De Zavalla Rd. (Channelview)	3:18 PM	MultiRAE	VOC	0 ppm	No odors detected.
	De Zavala Rd. (Channelview)	4:18 PM	MultiRAE	VOC	0 ppm	No odors detected.
	Meadowbrook Park, 17425 River Rd. (Channeelview)	5:30 PM	MultiRAE	VOC	0 ppm	No odors detected.
Saturday, March 23, 2019	4301 East Blvd. (Deer Park)	12:50 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	2.15 - 2.92 ppm; None detected, oxygen normal	No odors detected. TVA fluctation likely due to being turned on and off.
	Saint Augustine and Jana Lane (Deer Park)	3:19 AM	MultiRAE Pro	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	Point 1: No abnormal odors. Meteorological conditions: 72 °F 13 mph ESE (Data provided by NOAA Weather Radar Smartphone App) Proceeded to next point at 3:34 PM.
	100 block of Crow Rd. (Baytown)	3:25 AM	MultiRAE	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	No odors for 14 min., Very light odor 1 min.
	200 block of North St., 300 Block of Arbor St. (Baytown)	4:05 AM	MultiRAE	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	No odors detected.
	400 block of Burnette Rd. (Baytown)	4:40 AM	MultiRAE	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	No odors detected.
	End of Middleton St., 5000 Block (Baytown)	5:06 AM	MultiRAE	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	No odor - 14 min., Very light odor 1 min.
	Mt. Bethel Missionary Baptist Church (Galena Park)	6:54 AM	TVA; MultiRAE & UltraRAE	VOC; LEL, VOC, H2S, CO, SO2, Gamma, Benzene	-2.73 to -0.54 ppm; 0.2 ppm VOC, 3 µrem gamma, no other readings	15 minute odor survey: no odors noted upon arrival or throughout odor survey.
	475 North Sheldon Rd. (Channelview)	7:00 AM	MultiRAE	VOC	0 ppm	No odors detected.
	Independence Pkwy. And Lakeview Dr. (Lynchburg)	7:11 AM	MultiRAE	LEL, VOC, H2S, CO, O2	None detected, oxygen normal	No odors detected.
	Galena Park High School (Galena Park)	7:23 AM	TVA; MultiRAE & UltraRAE	VOC; LEL, VOC, H2S, CO, SO2, Gamma, Benzene	0.31 to 0.60 ppm; 3 µrem gamma, no other readings	15 minute odor survey: no odors noted upon arrival or throughout odor survey.
	777 Sheldon Rd. (Channelview)	7:30 AM	MultiRAE	VOC	0 ppm	No odors detected.
	Bonnette Junior High School, 5010 W. Pasadena Blvd. (Deer Park)	7:50 AM	TVA	VOC	2.2 - 3.3 ppm	No odors detected.
	Bonnette Junior High School, 5010 W. Pasadena Blvd. (Deer Park)	7:50 AM	MultiRAE	LEL, VOC, H2S, CO, O2	None detected, oxygen normal	No odors detected.
	S. Main, First Apostolic Church (Highlands)	7:54 AM	MultiRAE	LEL, VOC, H2S, CO, O2	None detected, oxygen normal	No odors detected.
	2610 Sheldon Rd. (Channelview)	8:00 AM	MultiRAE	VOC	0 ppm	No odors detected.
Pyburn Elementary School (Galena Park)	8:01 AM	TVA; MultiRAE & UltraRAE	VOC; LEL, VOC, H2S, CO, SO2, Gamma, Benzene	0.92 to 1.23 ppm; 4 to 41 µrem gamma, no other readings	15 minute odor survey: no odors noted upon arrival or throughout odor survey. Gamma radiation and VOCs slightly spiked at 13 minutes into survey, still with no odors detected.	

Date	Location	Time (Approx.)	Instrument	Parameters	Survey Results	Other Notes/Observations
Saturday, March 23, 2019	Deer Park High School - South, 550 W. San Augustine (Deer Park)	8:13 AM	TVA; MultiRAE	VOC	2.46 - 2.54 ppm	Very light odors detected intermittently. Sweet, floral scent
	Deer Park High School - South, 550 W. San Augustine (Deer Park)	8:13 AM	MultiRAE	LEL, VOC, H2S, CO, O2	None detected, oxygen normal	Very light odors detected intermittently. Sweet, floral scent
	415 Jones Rd. (Highlands)	8:18 AM	MultiRAE	LEL, VOC, H2S, CO, O2	None detected, oxygen normal	No odors detected.
	First Baptist Church, Jacinto City	8:34 AM	TVA; MultiRAE & UltraRAE	VOC; LEL, VOC, H2S, CO, SO2, Gamma, Benzene	0.92 to 1.14 ppm; 3 µrem gamma, no other readings	15 minute odor survey: no odors upon arrival or throughout odor survey.
	Deer Park Public Library, 3009 Center St. (Deer Park)	8:46 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	2.68 - 2.78 ppm; None detected, oxygen normal	Very light odors detected intermittently. Sweet, floral scent
	7707 Bayway Dr. (Baytown)	8:50 AM	MultiRAE	LEL, VOC, H2S, CO, O2	None detected, oxygen normal	No odors detected.
	Whittier Elementary School, Jacinto City	8:56 AM	TVA; MultiRAE & UltraRAE	VOC; LEL, VOC, H2S, CO, SO2, Gamma, Benzene	0.88-1.21 ppm; 4 -144 µrem gamma, no other readings	15 minute odor survey: very light gasoline odor noted upon arrival, but not during odor survey. Gamma radiation spiked to 92 µrem at this point as well and quickly dropped to 5 µrem. Gamma radiation fluctuated between 5 and 144 µrem which triggered the alarm multiple times throughout survey.
	Houston Ship Channel/San Jacinto Monument (La Porte)	9:00 AM	MultiRAE	H2S, VOC, CO, O2	0 ppm, oxygen normal	No odor
	9801 N. Avenue L (La Porte)	9:15 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	2.82 - 2.87 ppm; None detected, oxygen normal	No odors detected.
	Greenbriar Dr. and Mayhaw Dr. (Baytown)	9:18 AM	MultiRAE	LEL, VOC, H2S, CO, O2	None detected, oxygen normal	No odors detected.
	Furr High School, Houston	9:20 AM	TVA; MultiRAE & UltraRAE	VOC; LEL, VOC, H2S, CO, SO2, Gamma, Benzene	0.89 to 1.13 ppm; 4 µrem gamma, no other readings	15 minute odor survey: no odors noted upon arrival or during the odor survey.
	10750 Leonard Rd. (Channelview)	9:30 AM	MultiRAE	VOC	0 ppm	No odors detected.
	10615 N. Avenue L (La Porte)	9:39 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	2.92 - 2.99 ppm; None detected, oxygen normal	No odors detected.
	Greater Vision Church, Houston	9:41 AM	TVA; MultiRAE & UltraRAE	VOC; LEL, VOC, H2S, CO, SO2, Gamma, Benzene	0.82 to 1.17 ppm; 3 µrem gamma, 0.1 ppm SO2, no other readings	15 minute odor survey: no odors noted upon arrival or during survey. The MultiRAE recorded 0.1 ppm of SO2 upon arrival, but no other readings were elevated.
	Winker Dr. and S. Burnett Dr. (Baytown)	9:41 AM	MultiRAE	LEL, VOC, H2S, CO, O2	None detected, oxygen normal	No odors detected.
	Houston Ship Channel/Morgan's Point (La Porte)	10:00 AM	MultiRAE	H2S, VOC, CO, O2	0 ppm, oxygen normal	No odor
1300 E. 13th St. (Deer Park)	10:08 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	2.98 - 3.13 ppm; None detected, oxygen normal	One instance of a very light floral and sweet odor.	

Date	Location	Time (Approx.)	Instrument	Parameters	Survey Results	Other Notes/Observations
Saturday, March 23, 2019	8. Robinson Elementary School, Houston	10:12 AM	TVA; MultiRAE & UltraRAE	VOC; LEL, VOC, H2S, CO, SO2, Gamma, Benzene	0.86 to 1.14 ppm; 3 µrem gamma, no other readings	15 minute odor survey: very light manure odor noted upon arrival. No odors noted throughout survey.
	Wooster St. and Bayway Dr. (Baytown)	10:24 AM	MultiRAE	LEL, VOC, H2S, CO, O2	None detected, oxygen normal	No odors detected.
	Ray Maddry Stadium, 828 Sheldon Rd. (Channelview)	10:30 AM	MultiRAE	VOC	0 ppm	No odors detected.
	Northwest Trinity Bay/Sylvan Beach Park (La Porte)	10:30 AM	MultiRAE	H2S, VOC, CO, O2	0 ppm, oxygen normal	No odor
	410 E. 9th St. (Deer Park)	10:35 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	3.07 - 3.25 ppm; None detected, oxygen normal	No odors detected.
	E. 4th St. and Ivy Ave. (Deer Park)	11:00 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	3.16 - 3.29 ppm; None detected, oxygen normal	No odors detected.
	Trinity Bay/Spoil Islands	11:00 AM	MultiRAE	H2S, VOC, CO, O2	0 ppm, oxygen normal	No odor
	1212 E. Wallisville Rd. (Highlands)	11:22 AM	MultiRAE	LEL, VOC, H2S, CO, O2	None detected, oxygen normal	No odors detected.
	1600 Georgia Ave. (Deer Park)	11:26 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	3.26 - 3.4 ppm; None detected, oxygen normal	No odors detected.
	15741 Market St. (Channelview)	11:30 AM	MultiRAE	VOC	0 ppm	No odors detected.
	Trinity Bay/South of Beach City	11:42 AM	MultiRAE	H2S, VOC, CO, O2	0 ppm, oxygen normal	No odor
	Cimarron Elementary School, Houston	11:44 AM	TVA; MultiRAE & UltraRAE	VOC; LEL, VOC, H2S, CO, SO2, Gamma, Benzene	1.09 to 1.35 ppm; 3 µrem gamma, 5% LEL, no other readings	30 minute odor survey: Very light burnt rubber odor noted upon arrival and during odor survey (4 very light, 6 light, 1 moderate) Wind coming from the south.
	200 E. Wallisville Rd. (Highlands)	11:45 AM	MultiRAE	LEL, VOC, H2S, CO, O2	None detected, oxygen normal	No odors detected.
	302 E. Lambath Ln. (Deer Park)	11:59 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	3.32 - 3.51 ppm; None detected, oxygen normal	No odors detected.
	Iglesia Apostolica, Houston	12:30 PM	TVA; MultiRAE & UltraRAE	VOC; LEL, VOC, H2S, CO, SO2, Gamma, Benzene	1.19 to 1.44 ppm; 2-3 µrem gamma, 4-5% LEL, no other readings	15 min odor survey: no odors noted upon arrival or throughout survey. LEL fluctuated between 4-5%.
	Seabrook Channel - Marker 2	12:33 PM	MultiRAE	H2S, VOC, CO, O2	0 ppm, oxygen normal	No odor
	North Shore Middle School, Houston	12:55 PM	TVA; MultiRAE & UltraRAE	VOC	1.25 to 2.04 ppm; 3 µrem gamma, 4% LEL, no other readings	45 minute odor survey: strong to very light petrochemical, rubbery, sweet, moth ball odor noted upon arrival (4 strong, 15 moderate, 10 light, 7 very light). During moderate odors, Tricia L. experienced tingling in her nose while breathing during strong and moderate odors. Wind coming out of the east southeast. Wind shifted to the east later in the survey and odors dissipated. UltraRAE battery died at the end of the survey.
William B. Travis Elementary, 100 Robin Rd. (Baytown)	12:58 PM	MultiRAE	LEL, VOC, H2S, CO, O2	None detected, oxygen normal	No odors detected.	
3600 Canada Rd. (La Porte)	1:20 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	3.16 - 3.27 ppm; None detected, oxygen normal	No odors detected.	

Saturday, March 23, 2019

Date	Location	Time (Approx.)	Instrument	Parameters	Survey Results	Other Notes/Observations
	8060 Spencer Hwy. (Deer Park)	1:45 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	3.29 - 3.32 ppm; None detected, oxygen normal	No odors detected.
	Purple Sage Elementary School, Houston	2:02 PM	TVA; MultiRAE & UltraRAE	VOC	1.21-1.67 ppm; 3% LEL, 3 µrem gamma, no other readings	20 minute odor survey: no odors noted upon arrival, moderate to light petrochemical, rubbery, sweet, moth ball odor noted at end of survey (1 moderate, 1 light). Winds coming out of the southeast. UltraRAE was not in operation during this survey.
	I-10 and Verano St. (Houston)	3:05 PM	MultiRAE	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	No odors detected.
	Manor St. at Garber Ln. (Cloverleaf)	3:29 PM	MultiRAE	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	No odors detected.
	Pasadena Blvd and Catalina Ave (Deer Park)	3:38 PM	MultiRAE Pro	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	Point 2: No abnormal odors. Proceeded to next point at 3:53 PM.
	Wallisville Rd. and Black Rock Rd. (Northeast Houston)15:57 - 16:12	3:57 PM	MultiRAE	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	No odors detected.
	Space Center Blvd and Crest Place Drive (Deer Park)	4:00 PM	MultiRAE Pro	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	Point 3: No abnormal odors. Meteorological Conditions are 11 mph from SE and 71°F (Data provided by NOAA Weather Radar Smartphone App). Proceeded to next point at 4: 15 PM.
	US 90 and S. Lake Houston Pkwy. (Houston)	4:26 PM	MultiRAE	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	No odors detected.
	Olson Park (Deer Park)	4:34 PM	MultiRAE Pro	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	Point 4: No abnormal odors. Proceeded to next point at 4:50 PM.
	Kingsdale Drive and Kalwick Drive (Deer Park)	4:55 PM	MultiRAE Pro	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	Point 5: No abnormal odors. Proceeded to next point at 5:10 PM.
	Uvalde Rd. and New Forrest Pkwy. (Houston)	4:57 PM	MultiRAE	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	No odors detected.
	West Helgra and West 13th Street (Deer Park)	5:15 PM	MultiRAE Pro	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	Point 6: No abnormal odors. Proceeded to next point at 5:30 PM.
	Freeport St. and Woodforest Blvd. (Houston)	5:22 PM	MultiRAE	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	No odors detected.
	San Jacinto Elementary School (Deer Park)	5:35 PM	MultiRAE Pro	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	Point 7: No abnormal odors. Proceeded to next point at 5:55 PM.
	Nimitz St. and Nadolney (Houston)	5:42 PM	MultiRAE	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	No odors detected.
	South Battleground Road and East X Street (Deer Park)	6:01 PM	MultiRAE Pro	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	Point 8: No abnormal odors. Proceeded to next point at 6:26 PM.

Date	Location	Time (Approx.)	Instrument	Parameters	Survey Results	Other Notes/Observations
Saturday, March 23, 2019	Miles St. and Industrial Rd. (Houston)	6:06 PM	MultiRAE	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	No odors detected.
	5420 Decker Dr. (Baytown)	6:20 PM	MultiRAE	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	No odors detected.
	Normandy St. and Woodforest Blvd. (Houston)	6:31 PM	MultiRAE	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	No odors detected.
	N. P Street and Meadow Park Drive (Deer Park)	6:35 PM	MultiRAE Pro	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	Point 9: No abnormal odors. Meteorological Conditions are 13 mph winds from SE and 70°F (Data provided by NOAA Weather Radar Smartphone App). Proceeded to next point at 4:54 PM.
	Sens Road and Plainbrook Street (Deer Park)	6:56 PM	MultiRAE Pro	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	Point 10: No abnormal odors. Proceeded to next point at 7:13 PM.
	Intersection of Lakeside and Faith St. (Baytown)	6:57 PM	MultiRAE	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	No odors detected.
	14700 WoodForest Blvd., Houston	7:00 PM	MultiRAE	CO2, NH3, LEL, O2, VOC	0 ppm	None
	1609 Penn City Road, Houston	7:00 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	Oxygen normal, no other readings	No odor
	500 Overbluff Dr., Houston	7:15 PM	MultiRAE	CO2, NH3, LEL, O2, VOC	0 ppm	None
	North Avenue H and Duane Street (Deer Park)	7:20 PM	MultiRAE Pro	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	Point 11: No abnormal odors. Meteorological Conditions are 12 mph winds from SSE and 68°F (Data provided by NOAA Weather Radar Smartphone App). Proceeded to next point at 7:36 PM.
	14984 Jacintoport Blvd., Houston	7:25 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	Oxygen normal, no other readings	No odor
	1212 East Wallisville Rd. (Highlands)	7:25 PM	MultiRAE	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	No odors detected.
	5520 East Sam Houston Pkwy, Houston	7:35 PM	MultiRAE	CO2, NH3, LEL, O2, VOC	0 ppm	None
	15654 Jacintoport Blvd., Houston	7:40 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	Oxygen normal, no other readings	No odor, TCEQ vans ¼ miles West of this location.
	US 90 and Mercury Dr. (Houston)	7:42 PM	MultiRAE	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	No odors detected.
	Clover Lane and Indian Trail (Deer Park)	7:44 PM	MultiRAE Pro	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 21.2% O2	Point 12: No abnormal odors. Proceeded to next point at 7:59 PM.
	7102 E. Sam Houston Pkwy, Houston	7:50 PM	MultiRAE	CO2, NH3, LEL, O2, VOC	0 ppm	None
	16695 Peninsula Street, Houston	7:54 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	Oxygen normal, 0.15 ppm Benzene	Slight odor, Odor sweet, paint like, will leave area to verify meter clears then return to double check reading, will calibrate meter prior to return
	Northwest end of Highland Shores Dr. (Highlands)	7:54 PM	MultiRAE	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	No odors detected.
	Coolidge Drive and Park Shadow Lane (Deer Park)	8:07 PM	MultiRAE Pro	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	Point 13: No abnormal odors. Proceeded to next point at 8:27 PM.
14418 Beaumont Hwy., Houston	8:08 PM	MultiRAE	CO2, NH3, LEL, O2, VOC	0 ppm	None	

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Saturday, March 23, 2019	Mercury Dr. and Lane St. (Houston)	8:18 PM	MultiRAE	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	No odors detected.
	14714 Grove Canyon Court, Houston	8:24 PM	MultiRAE	CO2, NH3, LEL, O2, VOC	0 ppm	None
	16695 Peninsula Street, Houston	8:26 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	Oxygen normal, 0.15 ppm Benzene	Meter calibrated at TCEQ van, van reading 0.00ppm, return to site, Slight odor still, sweet paint like, will move North of area to check
	317 Barbras Hill Rd. (Highlands)	8:26 PM	MultiRAE	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	No odors detected.
	Bandridge Road and Somerton Drive (Deer Park)	8:37 PM	MultiRAE Pro	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	Point 14: No abnormal odors. Proceeded to next point at 8:52 PM.
	Federal Rd. and Industrial Rd. (Houston)	8:43 PM	MultiRAE	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	No odors detected.
	16272 Jacintoport Blvd., Houston	8:45 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	Oxygen normal, 0.10 ppm Benzene	Same odor as 16695 Penninsula, Sweet paint, move North again
	Miller Road #3, Houston	8:48 PM	MultiRAE	CO2, NH3, LEL, O2, VOC	0 ppm	None
	Farington St. and Winding Trail Rd. (Deer Park)	8:59 PM	MultiRAE Pro	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	Point 15: No abnormal odors. Meteorological Conditions are 8 mph winds from SE and 66°F (Data provided by NOAA Weather Radar Smartphone App). Departed this point at 9:14 PM.
	16396 Jacintoport Blvd., Houston	9:03 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	1.0 ppm VOC, 0.85 ppm Benzene	Same odor as before, sweet paint
	Maxey Rd. and Woodforest Blvd. (Houston)	9:04 PM	MultiRAE	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	No odors detected.
	Talcott & Blueberry, Miller Road #2, Houston	9:05 PM	MultiRAE	VOC	0 ppm	None
	Northwest end of Dreamland Rd.	9:08 PM	MultiRAE	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	No odors detected.
	17799 Jacintoport Blvd., Houston	9:17 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	Oxygen normal, no other readings	No odor, mobilize to North of this area
	10317 Sheldon Road, Houston	9:17 PM	MultiRAE	VOC	0 ppm	None
	8580 Sheldon Rd, Houston	9:32 PM	MultiRAE	CO2, NH3, LEL, O2, VOC	0 ppm	None
	637 South Sheldon Road, Channelview	9:40 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	Oxygen normal, 0.15 ppm Benzene	Stopped NW of area to check prior to going N, very slight odor sweet paint with some fire/burnt to it
	Miller Road #1, Houston	9:44 PM	MultiRAE	CO2, NH3, LEL, O2, VOC	0 ppm	None
	16205 DeZavalla Road, Channelview	9:55 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	Oxygen normal, no other readings	No odor
	Wallisville Rd. and Reo Villa Dr., Houston	10:00 PM	MultiRAE	CO2, NH3, LEL, O2, VOC	0 ppm	None
16173 Market Street Road, Channelview	10:07 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	Oxygen normal, no other readings	No odor	
2819 Rio Villa Dr., Houston	10:09 PM	MultiRAE	CO2, NH3, LEL, O2, VOC	0 ppm	None	
1500 Park Dr., Channelview	10:11 PM	MultiRAE	CO2, NH3, LEL, O2, VOC	0 ppm	None	
15739 Market Street Road, Channelview	10:23 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	Oxygen normal, 0.25 ppm Benzene	Very slight odor paint	

Date	Location	Time (Approx.)	Instrument	Parameters	Survey Results	Other Notes/Observations
Saturday, March 23, 2019	Ridlon & Sheldon Rd., Houston	10:28 PM	MultiRAE	VOC	0 ppm	None
	Crenshaw Elementary School	10:30 PM	MultiRAE	VOC	0 ppm	None
	15381 Market Street Road, Channelview	10:42 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	Oxygen normal, 0.05 ppm Benzene	No odor
	1300 Sheldon Rd., Houston	10:45 PM	MultiRAE	VOC	0 ppm	None
	14999 Market Street Road, Channelview	10:55 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	Oxygen normal, no other readings	No odor
	3702 E. Sam Houston Pkwy. N, Houston	11:14 PM	MultiRAE	VOC	0 ppm	None
	16526 DeZavalla Road, Channelview	11:14 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	Oxygen normal, no other readings	No odor
	210 Brookview St., Channelview	11:25 PM	MultiRAE	CO2, NH3, LEL, O2, VOC	0 ppm	None
	16327 DeZavalla Road, Channelview	11:27 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	Oxygen normal, no other readings	No odor
	97 Lakeside Drive, Channelview	11:43 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	Oxygen normal, no other readings	No odor
	Tripperfield Dr.	11:49 PM	MultiRAE	VOC	0 ppm	None
Mercury and Chadwick St., Houston	11:50 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-0.01 to -0.26 ppm; Oxygen normal, no other readings	15 minute odor survey conducted. Exhaust odor, intermittent for 2 min, likely due to vehicle traffic	
16149 2nd Street, Channelview	11:55 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	Oxygen normal, no other readings	No odor. Called into TCEQ HQ, return to site with 0.85 ppm and recheck	
Sunday, March 24, 2019	Battleground Golf Course, Deer Park	12:00 AM	TVA and MultiRAE	VOC; LEL, VOC, H2S, CO, O2	1.5 ppm; Oxygen normal, no other readings	No odor
	14807 South Silver Green. Dr., Houston	12:05 AM	MultiRAE	VOC	0 ppm	None
	14854 Waterside Dr., Houston	12:13 AM	MultiRAE	CO2, NH3, LEL, O2, VOC	0 ppm	None
	Holland Ave. and Lane St. Houston	12:20 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-0.03 to -0.76 ppm; Oxygen normal, no other readings	15 minute odor survey conducted. No odors detected.
	405 East Houston Street, Highlands	12:21 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	1.5 ppm (similar to background levels); 0.00 ppm, oxygen normal	Intermittent very light odor of burnt wood with a slight plastic smell
	Hyacinth Pathway & Marble Pathway	12:21 AM	MultiRAE	VOC	0 ppm	None
	16396 Jacintoport Blvd., Houston	12:25 AM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	1.0 ppm VOC, 0.30 ppm Benzene	Same smell, sweet paint
	Wallisville Rd., JC Penny	12:30 AM	MultiRAE	VOC	0 ppm	None
2200 East 13th St., Deer Park	12:30 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	0.8 ppm; Oxygen normal, no other readings	No odor	
Dale Dell and Wallisville Rd.	12:40 AM	MultiRAE	CO2, NH3, LEL, O2, VOC	0 ppm	None	

Sunday, March 24, 2019

Date	Location	Time (Approx.)	Instrument	Parameters	Survey Results	Other Notes/Observations
	946 South Sheldon Road, Channelview	12:45 AM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	1.0 ppm VOC, 0.75 ppm Benzene	Sweet paint smell
	1813 South Main Street, Highlands	12:49 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	1.6-1.7 ppm (similar to background levels); 0.00 ppm, oxygen normal	Dissipating very light odor with a sweet paint smell
	Green Feathers Dr.	12:51 AM	MultiRAE	VOC	0 ppm	None
	Galena Park High School	12:55 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-0.72 to -0.86 ppm; Oxygen normal, no other readings	15 minute odor survey conducted. Very light / light sweet and slightly buttery odor for 8 min intermittent.
	1444 Sens Rd, La Porte	12:57 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	0.3 ppm; Oxygen normal, no other readings	No odor
	Ashland and Elgin	12:58 AM	MultiRAE	VOC	0 ppm	None
	1413 North Market Loop	1:19 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	2.0-2.3 ppm (similar to background levels); 0.00 ppm, oxygen normal	No odors detected
	Woodburn Dr. and Garden Tree Dr.	1:20 AM	MultiRAE	CO2, NH3, LEL, O2, VOC	0 ppm	None
	Sens Rd. and Spencer Hwy., La Porte	1:20 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	0.1 ppm; Oxygen normal, no other readings	No odor
	1057 Crosby Lynchburg Road, Baytown	1:30 AM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	Oxygen normal, no other readings	No odor
	Woodland Acres Middle School, Houston	1:40 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-1.13 to -1.31 ppm; Oxygen normal, no other readings	15 minute odor survey conducted. No odor detected.
	16414 Sunshine St., Houston	1:46 AM	MultiRAE	VOC	0 ppm	None
	1800 Lakeview Drive, Baytown	1:46 AM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	Oxygen normal, no other readings	No odor
	1718 Burnett Ave., Baytown	1:50 AM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	Oxygen normal, no other readings	No odor
	8898 Spencer Hwy., Deer Park	1:50 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	0.1 ppm; Oxygen normal, no other readings	No odor
	Northern Terminus of North Hampton Court	1:53 AM	MultiRAE	LEL, VOC, H2S, CO, O2	0.00 ppm, oxygen normal	Persistent moderate odors of wood smoke
	9005 Blueberry St., Houston	2:00 AM	MultiRAE	VOC	0 ppm	None
	100 North Burnett Drive, Baytown	2:08 AM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	Oxygen normal, no other readings	None
	Cimarron Elementary, Houston	2:15 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-1.11 to -1.28 ppm; Oxygen normal, no other readings	15 minute odor survey conducted. Very light / light odors detected. Intermittent for 12 min.
	Sheldon Rd. and Wallisville Rd.	2:15 AM	MultiRAE	CO2, NH3, LEL, O2, VOC	0 ppm	None
	Red Bluff Rd. and Spencer Hwy, Pasadena	2:15 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	0.1 ppm; Oxygen normal, no other readings	No odor
	1625 East Houston Street, Highlands	2:20 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	2.1 ppm (similar to background levels); 0.00 ppm, oxygen normal	No odors detected
	698 South Burnett Drive, Baytown	2:20 AM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	Oxygen normal, no other readings	No odor
	5540 Bayway Drive, Baytown	2:28 AM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	Oxygen normal, no other readings	No odor
	Shields St., Channelview	2:32 AM	MultiRAE	VOC	0 ppm	None
	17433 River Rd., Channelview	2:41 AM	MultiRAE	VOC	0 ppm	None
	485 Douglas Street, Baytown	2:43 AM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	Oxygen normal, no other readings	No odor

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Date	Location	Time (Approx.)	Instrument	Parameters	Survey Results	Other Notes/Observations
	Waxahachie St. and Beacon St., Houston	2:45 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-1.14 to -1.34 ppm; Oxygen normal, no other readings	15 minute odor survey. Very light / light burned rubber, intermittent for 6 min. Determined to be unrelated.
	6911 Wolfberry Lane, Baytown	2:46 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	2.1-2.7 ppm (similar to background levels); 10.0 ppm CO, other readings including oxygen normal	No odor detected, CO concentration dropped off after arrival
	East Fwy. Service Rd.	3:00 AM	MultiRAE	CO2, NH3, LEL, O2, VOC	0 ppm	None
	4579 W. Baker Road, Baytown	3:02 AM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	Oxygen normal, no other readings	No odor
	5750 Spencer Hwy., Pasadena	3:03 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	0.2 ppm; Oxygen normal, no other readings	No odor
	7647 Bayway Drive, Baytown	3:14 AM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	Oxygen normal, no other readings	No odor
	North Shore Elementary School, Houston	3:20 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-0.73 to -0.85 ppm; Oxygen normal, no other readings	15 minute odor survey conducted. No odors detected.
	198 Lazy Lane, Baytown	3:29 AM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	Oxygen normal, no other readings	No odor
	110 Service Rd.	3:30 AM	MultiRAE	VOC	0 ppm	None
	Pecan Park, La Porte	3:35 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	0.3 ppm; Oxygen normal, no other readings	No odor
	145 Rollingwood Street, Baytown	3:46 AM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	Oxygen normal, no other readings	No odor
	Highlands Junior Middle School, Highlands	4:00 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	2.1-2.3 ppm (similar to background levels); 0.00 ppm, oxygen normal	No odors noted
	500 Bayou Dr., Channelview	4:03 AM	MultiRAE	VOC	0 ppm	None
	Galena Park ISD Stadium	4:05 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-1.12 to -1.31 ppm; Oxygen normal, no other readings	15 minute odor survey conducted. No odors detected.
	10941 West Fairmont Parkway, La Porte	4:05 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	0.3 ppm; Oxygen normal, no other readings	No odor
	5297 Decker Drive, Baytown	4:06 AM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	Oxygen normal, no other readings	No odor
	East Pasadena and Center Street, Deer Park	4:20 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	0.3 ppm; Oxygen normal, no other readings	No odor
	6825 Bayway Drive, Baytown	4:21 AM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	Oxygen normal, no other readings	No odor
	1701 South Main Street #2, Highlands	4:27 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	2.5 ppm (similar to background levels); 0.00 ppm, oxygen normal	Single light detergent smell, likely due to nearby disposed appliances
	16006 Avenue C., Channelview	4:28 AM	MultiRAE	CO2, NH3, LEL, O2, VOC	0 ppm	None
	Uvalde Rd. and Burleson Bend Dr., Houston	4:30 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-1.13 to -1.31 ppm; Oxygen normal, no other readings	15 minute odor survey conducted. No odors detected.
	160 Harvey Street, Baytown	4:35 AM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	Oxygen normal, no other readings	No odor
	3015 South Main Street, Highlands	4:46 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	2.3 ppm (similar to background levels); 0.00 ppm, oxygen normal	Intermittent mixed odors of sulfur, burnt rubber, chlorine, and car exhaust
	7890 Bayway Drive, Baytown	4:50 AM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	Oxygen normal, no other readings	None
	Purple Sage Elementary School, Houston	5:00 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-0.50 to -0.92 ppm; Oxygen normal, no other readings	15 minute odor survey conducted. No odors detected.
	614 Park Street (Highlands)	5:12 AM	MultiRAE	LEL, VOC, H2S, CO, O2	2.1-2.3 ppm (similar to background levels); 0.00 ppm, oxygen normal	Sulfurous smell, likely from residential natural gas meters and/or lines
	2502 Pebble Brook Drive, Deer Park	5:12 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	0.3 ppm; Oxygen normal, no other readings	No odor

Date	Location	Time (Approx.)	Instrument	Parameters	Survey Results	Other Notes/Observations
Sunday, March 24, 2019	407 W. Brentwood St., Channelview	5:20 AM	MultiRAE	VOC	0 ppm	None
	13334 Wallisville Rd., Houston	5:25 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-0.21 to -0.51 ppm; Oxygen normal, no other readings	15 minute odor survey conducted. No odors detected.
	Robinson Elementary School, Houston	5:50 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-0.60 to -0.78 ppm; Oxygen normal, no other readings	15 minute odor survey conducted. No odors detected.
	Nimitz St. and East Freeway (Cloverleaf)	6:59 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	3.2 - 3.4 ppm; 0 ppm, oxygen normal	No odor
	Green Shadow Dr. and Global Commerce Cir. (Deer Park)	7:00 AM	MultiRAE	LEL, SO2, CO, O2, VOC	0 ppm, oxygen normal	No odor
	7005 Decker Dr. (Baytown)	7:00 AM	MultiRAELite	VOC, LEL, H2S, CO, O2	0 ppm, oxygen normal	No odor
	W. Thirteenth and Helgra St. (Deer Park)	7:22 AM	MultiRAE	LEL, SO2, CO, O2, VOC	0 ppm, oxygen normal	No odor
	7510 Decker Dr. (Baytown)	7:30 AM	MultiRAELite	VOC, LEL, H2S, CO, O2	0 ppm, oxygen normal	No odor
	Bandera St. and Barbara Mae St. (Cloverleaf)	7:32 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	2.1 - 2.3 ppm; 0 ppm, oxygen normal	No odor
	South Pacific St. and Reservoir Dr. (Houston)	7:36 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-1.74 to - 1.05 ppm; 0 ppm, oxygen normal	No odor
	410 E. 9th St. (Deer Park)	7:46 AM	MultiRAE	LEL, SO2, CO, O2, VOC	0 ppm, oxygen normal	No odor
	1876 East Freeway (Baytown)	8:00 AM	MultiRAELite	VOC, LEL, H2S, CO, O2	0 ppm, oxygen normal	No odor
	Edgewood Village Trail and Grove Canyon Ct. (Houston)	8:03 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-1.16 to -0.79 ppm; 0 ppm, oxygen normal	No odor
	Holly Park Dr. (Cloverleaf)	8:05 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	1.5 - 1.7 ppm; 0 ppm, oxygen normal	No odor
	1901 I10 E (Baytown)	8:30 AM	MultiRAELite	VOC, LEL, H2S, CO, O2	0 ppm, oxygen normal	No odor
	10615 N. Avenue L (La Porte)	8:34 AM	MultiRAE	LEL, SO2, CO, O2, VOC	0 ppm, oxygen normal	No odor
	Gene Green Skate Park (Houston)	8:37 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-0.65 to -0.29 ppm; 0 ppm, oxygen normal	No odor
	Glen Stone St. (Houston)	8:59 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	1.2 - 1.5 ppm; 0 ppm, oxygen normal	No odor
	North H St. and Shirley Ln. (La Porte)	9:00 AM	MultiRAE	LEL, SO2, CO, O2, VOC	0 ppm, oxygen normal	No odor
	Northwest Trinity Bay/Sylvan Beach Park (La Porte)	9:00 AM	MultiRAE	H2S, VOC, CO, O2	0 ppm, oxygen normal	No odor
401 Jones Rd. (Highlands)	9:00 AM	MultiRAELite	VOC, LEL, H2S, CO, O2	0 ppm, oxygen normal	No odor	
North Channel Library (Houston)	9:07 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-0.33 to -0.16 ppm; 0 ppm, oxygen normal	No odor	
N. H St. and Meadowlark Ln. (La Porte)	9:29 AM	MultiRAE	LEL, SO2, CO, O2, VOC	0 ppm, oxygen normal	No odor	

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Date	Location	Time (Approx.)	Instrument	Parameters	Survey Results	Other Notes/Observations
	1700 South Main St. (Highlands)	9:30 AM	MultiRAELite	VOC, LEL, H2S, CO, O2	0 ppm, oxygen normal	No odor
	Purple Sage Rd. (Houston)	9:35 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	0.7 - 0.8 ppm; 0 ppm, oxygen normal	No odor
	Moore Rd. and Miller Rd. No. 2 (Houston)	9:38 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-0.38 to -0.14 ppm; 0 ppm, oxygen normal	Intermittent agricultural (livestock) smell detected.
	Houston Ship Channel/San Jacinto Monument (La Porte)	9:40 AM	MultiRAE	H2S, VOC, CO, O2	0 ppm, oxygen normal	No odor
	510 W. Pasadena Blvd., Bonnette Junior High School (Deer Park)	9:58 AM	MultiRAE	LEL, SO2, CO, O2, VOC	0 ppm, oxygen normal	No odor
	Houston Ship Channel/Morgan's Point (La Porte)	10:00 AM	MultiRAE	H2S, VOC, CO, O2	0 ppm, oxygen normal	No odor
	301 N. Main St. (Highlands)	10:00 AM	MultiRAELite	VOC, LEL, H2S, CO, O2	0 ppm, oxygen normal	No odor
	1/2 mile South of Miller Rd. No. 1 and Miller Rd. No. 2 (Houston)	10:07 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-0.51 to -0.21 ppm; 0 ppm, oxygen normal	No odor
	Rampchester Lane (Houston)	10:12 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	0.5 - 0.7 ppm; 0 ppm, oxygen normal	No odor
	Crestford Ln. and Jana Ln. (Pasadena)	10:30 AM	MultiRAE	LEL, SO2, CO, O2, VOC	0 ppm, oxygen normal	No odor
	Highland Elementary, 200 E Wallisville Rd. (Highlands)	10:30 AM	MultiRAELite	VOC, LEL, H2S, CO, O2	0 ppm, oxygen normal	No odor
	0.3 mile East of Miller Rd. No. 1 and Miller Rd. No. 2 (Houston)	10:37 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-0.48 to -0.31 ppm; 0 ppm, oxygen normal	No odor
	14301 S. Pacific St., Houston	10:40 AM	MultiRAE	VOC	No readings	None
	Carmine Glen Dr. and Moonrise Lane (Houston)	10:46 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	0.5 - 0.6 ppm; 0 ppm, oxygen normal	No odor
	Trinity Bay/South of Beach City	10:47 AM	MultiRAE	H2S, VOC, CO, O2	0 ppm, oxygen normal	No odor
	10001 W. Fairmont Pkwy., Jennie Reid Elementary School, La Porte	11:02 AM	MultiRAE	LEL, SO2, CO, O2, VOC	0 ppm, oxygen normal	No odor
	Corpus Christi St. (Houston)	11:17 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	0.4 - 0.5 ppm; 0 ppm, oxygen normal	No odor
	Trinity Bay/Spoil Islands	11:20 AM	MultiRAE	H2S, VOC, CO, O2	0 ppm, oxygen normal	No odor
	3600 Canada Rd. (La Porte)	11:27 AM	MultiRAE	LEL, SO2, CO, O2, VOC	0 ppm, oxygen normal	No odor
	11501 FM 2100 (Highlands)	11:30 AM	MultiRAELite	VOC, LEL, H2S, CO, O2	0 ppm, oxygen normal	No odor
	Seabrook Channel - Marker 2	11:49 AM	MultiRAE	H2S, VOC, CO, O2	0 ppm, oxygen normal	No odor
	Sheldon Early Childhood Academy (Houston)	11:51 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-0.30 to -0.13 ppm; 0 ppm, oxygen normal	Intermittent smoke odor was detected from neighboring property.
	11615 FM 2100 (Crosby)	12:00 PM	MultiRAELite	VOC, LEL, H2S, CO, O2	0 ppm, oxygen normal	No odor
	0.1 mile South of Sheldon Rd. and Miller Rd. No. 1 (Houston)	12:20 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-0.22 to 0.10 ppm; 0 ppm, oxygen normal	No odor
	Challenger 7 Dr. (Houston)	12:21 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	1.1 - 1.3 ppm; 0 ppm, oxygen normal	No odor
	1903 Aldates Dr. (Houston)	12:30 PM	MultiRAELite	VOC, LEL, H2S, CO, O2	0 ppm, oxygen normal	No odor
	9020 Thompson Rd. (Highlands)	12:30 PM	MultiRAELite	VOC, LEL, H2S, CO, O2	0 ppm, oxygen normal	No odor
	Wiggins St. (Jacinto City)	12:36 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	0.6 - 0.7 ppm; 0 ppm, oxygen normal	No odor

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Date	Location	Time (Approx.)	Instrument	Parameters	Survey Results	Other Notes/Observations
	0.2 mile North of Avenue C and Avenue D (Channelview)	12:53 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-0.22 to 0.08 ppm; 0 ppm, oxygen normal	Car exhaust odor was detected.
	Anthony Aguirre Jr. High School, 15726 Wallisville Rd. (Houston)	1:00 PM	MultiRAELite	VOC, LEL, H2S, CO, O2	0 ppm, oxygen normal	No odor
	Moncrief Park (Channelview)	1:28 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-0.04 to -0.06 ppm; 0 ppm, oxygen normal	No odor
	Parkside St. (Galena Park)	1:30 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	0.3 - 0.5 ppm; 0 ppm, oxygen normal	No odor
	16030 Market St. (Channelview)	1:30 PM	MultiRAELite	VOC, LEL, H2S, CO, O2	0 ppm, oxygen normal	Crude oil odor
	16504 DeZavala Rd. (Channelview)	2:00 PM	MultiRAELite MultiRAE	VOC, LEL, H2S, CO, O2, Benzene	0 ppm, oxygen normal; 0 ppm	Odor from 18 wheeler trucks (exhaust)
	Kathryn St. (Houston)	2:15 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	0.3 - 0.4 ppm; 0 ppm, oxygen normal	No odor
	16127 Market St. (Channelview)	2:30 PM	MultiRAELite	VOC, LEL, H2S, CO, O2	0 ppm, oxygen normal	No odor
	Bennett Dr. at E Sam Houston Pkwy. (Deer Park)	2:42 PM	MultiRAELite	VOC, LEL, H2S, CO, O2	0 ppm, oxygen normal	No odor
	Baytown; W.C. Britton Park	2:54 PM	MultiRAE Pro	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	No odor
	16718 Market St. (Channelview)	3:00 PM	MultiRAELite	VOC, LEL, H2S, CO, O2	0 ppm, oxygen normal	No odor
	Jana Ln. and Alecia Dr. (Pasadena)	3:02 PM	MultiRAELite	VOC, LEL, H2S, CO, O2	0 ppm, oxygen normal	No odor
	Holland Ave. and Lane St. (Jacinto)	3:07 PM	MultiRAE; UltraRAE; TVA	VOC, LEL, H2S, CO, O2; Benzene; VOC	0 ppm, oxygen normal; 0 ppm; 0.04 - 1 ppm	No odor
	Baytown: Oak St. and Riggs St.	3:24 PM	MultiRAE Pro	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	No odor
	Eastwood Dr. and Willowbriar Ln. (Deer Park)	3:25 PM	MultiRAELite	VOC, LEL, H2S, CO, O2	0 ppm, oxygen normal	No odor
	17002 Market St. (Channelview)	3:30 PM	MultiRAELite	VOC, LEL, H2S, CO, O2	0 ppm, oxygen normal	No odor
	Baytown; Briarwood Park	3:45 PM	MultiRAE Pro	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	No odor
	West X St. and Sylvia St. (Deer Park)	3:55 PM	MultiRAELite	VOC, LEL, H2S, CO, O2	0 ppm, oxygen normal	No odor
	17350 Market St. (Channelview)	4:00 PM	MultiRAELite	VOC, LEL, H2S, CO, O2	0 ppm, oxygen normal	No odor
	Songwood Park (Houston)	4:02 PM	MultiRAE; UltraRAE; TVA	VOC, LEL, H2S, CO, O2; Benzene; VOC	0 ppm, oxygen normal; 0 ppm; 0.23 - 0.69 ppm	No odor
	Garden Park Dr. and Asbury Ln. (Deer Park)	4:15 PM	MultiRAELite	VOC, LEL, H2S, CO, O2	0 ppm, oxygen normal	No odor
	Baytown; Fayle Ave. and Narcille St.	4:19 PM	MultiRAE Pro	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	No odor
	15309 Market St. (Channelview)	4:30 PM	MultiRAELite	VOC, LEL, H2S, CO, O2	0 ppm, oxygen normal	No odor
	Thomas Bell Foster Park (Houston)	4:32 PM	MultiRAE; UltraRAE; TVA	VOC, LEL, H2S, CO, O2; Benzene; VOC	0 ppm, oxygen normal; 0 ppm; 1.05 - 1.22 ppm	No odor
	Baytown; Kilgore Rd. and Cedar Ave.	4:40 PM	MultiRAE Pro	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	No odor
	Brook Meadow Dr. and Brook View Dr. (Deer Park)	4:40 PM	MultiRAELite	VOC, LEL, H2S, CO, O2	0 ppm, oxygen normal	No odor
	15770 East Fwy. (Channelview)	5:00 PM	MultiRAELite	VOC, LEL, H2S, CO, O2	0 ppm, oxygen normal	No odor

Sunday, March 24, 2019

Date	Location	Time (Approx.)	Instrument	Parameters	Survey Results	Other Notes/Observations
	Sens Rd. and Sunset Ridge St. (La Porte)	5:02 PM	MultiRAELite	VOC, LEL, H2S, CO, O2	0 ppm, oxygen normal	No odor
	Baytown; N. Main St. and Ward Rd.	5:06 PM	MultiRAE Pro	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	No odor
	Jim and Joann Fonteno Family Park (Houston)	5:20 PM	MultiRAE; UltraRAE; TVA	VOC, LEL, H2S, CO, O2; Benzene; VOC	0 ppm, oxygen normal; 0 ppm; 1.9 - 2.1 ppm	No odor
	Baytown; Garth Rd. and Grantham Rd.	5:28 PM	MultiRAE Pro	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	No odor
	West Tyler St. and N. 4th St. (La Porte)	5:28 PM	MultiRAELite	VOC, LEL, H2S, CO, O2	0 ppm, oxygen normal	No odor
	15331 Market St. (Channelview)	5:30 PM	MultiRAELite	VOC, LEL, H2S, CO, O2	0 ppm, oxygen normal	No odor
	S. 16th St. and West East St. (La Porte)	5:56 PM	MultiRAELite	VOC, LEL, H2S, CO, O2	0 ppm, oxygen normal	No odor
	Baytown; Mc Elroy Park	6:01 PM	MultiRAE Pro	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	No odor
	San Jacinto College North Campus (Houston)	6:02 PM	MultiRAE; UltraRAE; TVA	VOC, LEL, H2S, CO, O2; Benzene; VOC	0 ppm, oxygen normal; 0 ppm; 2.14 - 3.0 ppm	No odor
	Driftwood Dr. and Springwood Dr. (La Porte)	6:18 PM	MultiRAELite	VOC, LEL, H2S, CO, O2	0 ppm, oxygen normal	No odor
	Clairmont Dr. and Willmont Rd. (La Porte)	6:37 PM	MultiRAELite	VOC, LEL, H2S, CO, O2	0 ppm, oxygen normal	No odor
	Baytown; Country Club View and Green Tee Dr.	6:47 PM	MultiRAE Pro	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	No odor
	Ashlyne Lane St. and Fern Rock Dr. (La Porte)	6:58 PM	MultiRAELite	VOC, LEL, H2S, CO, O2	0 ppm, oxygen normal	No odor
	5866 East Sam Houston Pkwy.	7:00 PM	MultiRAE	LEL, VOC, H2S, CO, O2	No readings, oxygen normal	None
	14916 Market Street Road, Channelview	7:00 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor
	Northshore Little League Park (Houston)	7:02 PM	MultiRAE; UltraRAE; TVA	VOC, LEL, H2S, CO, O2; Benzene; VOC	0 ppm, oxygen normal; 0 ppm; 2.46 - 3.04 ppm	No odor
	Baytown; 3718 Barkaloo Rd.	7:10 PM	MultiRAE Pro	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	No odor
	15610 Market Street Road, Channelview	7:14 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor
	Providence View and Liberty Lakes (Liberty Lakes)	7:15 PM	MultiRAE	LEL, VOC, H2S, CO, O2	No readings, oxygen normal	None
	Lance Ave. and Trent Rd. (La Porte)	7:20 PM	MultiRAELite	VOC, LEL, H2S, CO, O2	0 ppm, oxygen normal	No odor
	16108 Market Street Road, Channelview	7:28 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor
	7102 East Sam Houston Pkwy. (Houston)	7:30 PM	MultiRAE	VOC	No readings, oxygen normal	None
	Baytown; J.C. Hollaway Park	7:32 PM	MultiRAE Pro	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	No odor
	Pine Needle Ln. and Country Rd. (Pasadena)	7:40 PM	MultiRAELite	VOC, LEL, H2S, CO, O2	0 ppm, oxygen normal	No odor

Date	Location	Time (Approx.)	Instrument	Parameters	Survey Results	Other Notes/Observations
Sunday, March 24, 2019	16624 Market Street Road, Channelview	7:40 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor, Next to River Terrace Park, large responder staging site
	Manor St. and Nimitz St. (Cloverleaf)	7:42 PM	MultiRAE; UltraRAE; TVA	VOC, LEL, H2S, CO, O2; Benzene; VOC	0 ppm, oxygen normal; 0 ppm; 2.11 - 2.62 ppm	No odor
	8302 Reservoir Dr. (Houston)	7:50 PM	MultiRAE	VOC	No readings, oxygen normal	None
	17264 Market Street Road, Channelview	7:52 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor
	Baytown; Pinehurst St. and Long Leaf Ln.	7:59 PM	MultiRAE Pro	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	No odor
	Red Bluff Rd. and Jana Ln. (Pasadena)	8:03 PM	MultiRAELite	VOC, LEL, H2S, CO, O2	0 ppm, oxygen normal	No odor
	Oat Meadow Trail and Nickel Plank Road, Houston	8:05 PM	MultiRAE	LEL, VOC, H2S, CO, O2	No readings, oxygen normal	None
	17879 Riverside Street, Channelview	8:05 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	Crude oil/burnt odor
	18330 Market Street Road, Channelview	8:18 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor
	Miller Road #3	8:20 PM	MultiRAE	VOC	No readings	None
	Industrial Rd. and Federal Rd. (Galena Park)	8:28 PM	MultiRAE; UltraRAE; TVA	VOC, LEL, H2S, CO, O2; Benzene; VOC	0 ppm, oxygen normal; 0 ppm; 1.0 ppm	No odor
	Antler Ave. and Joe Scott Cathy Ave. (Pasadena)	8:30 PM	MultiRAELite	VOC, LEL, H2S, CO, O2	0 ppm, oxygen normal	No odor
	Miller Road #2	8:35 PM	MultiRAE	VOC	No readings	None
	1801 Lakeview Drive, Baytown	8:37 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor
	Baytown; Stallworth Stadium	8:40 PM	MultiRAE Pro	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	No odor
	9419 Lamkin Rd., Houston	8:50 PM	MultiRAE	LEL, VOC, H2S, CO, O2	No readings, oxygen normal	None
	1714 Burnett Ave., Baytown	8:50 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor
	E. 13th St. and Ivy Ave (Pasadena)	8:59 PM	MultiRAELite	VOC, LEL, H2S, CO, O2	0 ppm, oxygen normal	No odor
	Baytown; Pawnee St. and Breda Dr.	9:03 PM	MultiRAE Pro	LEL, VOC, H2S, CO, O2	0% LEL, 0 ppb VOC, 0.0 ppm H2S, 0 ppm CO, 20.9% O2	No odor
	Gardentree Dr. and Blairwood Dr., Houston	9:05 PM	MultiRAE	VOC	No readings	None
	100 North Burnett Drive, Baytown	9:07 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor
	Galena Manor Park (Galena Park)	9:12 PM	MultiRAE; TVA	VOC, LEL, H2S, CO, O2; VOC	0 ppm, oxygen normal; 2.1 - 2.38 ppm	No odor
	19153 Beaumont Hwy., Houston	9:20 PM	MultiRAE	VOC	No readings	None
698 South Burnett Drive, Baytown	9:20 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor	
5538 Bayway Drive, Baytown	9:37 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor	
8580 Sheldon Rd., Houston	9:40 PM	MultiRAE	LEL, VOC, H2S, CO, O2	No readings, oxygen normal	None	
15530 Miller Rd., Houston	9:50 PM	MultiRAE	VOC	No readings	None	

Date	Location	Time (Approx.)	Instrument	Parameters	Survey Results	Other Notes/Observations
Sunday, March 24, 2019	6482 Bayway Drive, Baytown	9:51 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor
	7476 Bayway Drive, Baytown	10:03 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor
	8026 Miller Rd. #3, Houston	10:10 PM	MultiRAE	VOC	No readings	None
	6005 Thompson Road, Baytown	10:17 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor
	13939 Edgeboro St., Houston	10:25 PM	MultiRAE	LEL, VOC, H2S, CO, O2	No readings, oxygen normal	None
	7122 Thompson Road, Baytown	10:31 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor
	8040 Thompson Road, Highlands	10:44 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor
	139 Georgia St., Houston	10:45 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	0.1 - 0.03 ppm; None detected, oxygen normal	No odors detected.
	Baytown City Hall	10:54 PM	MultiRAE	LEL, VOC, H2S, CO, O2	No readings, oxygen normal	None
	9025 Pineland Rd., Houston	10:57 PM	MultiRAE	VOC	No readings	None
	1594 East Canal Road, Highlands	10:57 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor
	1600 Goergia Ave., Deer Park	11:03 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2, SO2	1.04 - 1.38 ppm; None detected, oxygen normal	15 min odor survey conducted. No odors detected.
	16950 Wallisville Rd., Houston	11:10 PM	MultiRAE	LEL, VOC, H2S, CO, O2	No readings, oxygen normal	None
	905 North Crosby Lynchburg Road, Highlands	11:11 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor
	1000 Keene St., Galena Park	11:15 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	0.03 - 0.31 ppm; None detected, oxygen normal	No odors detected.
	Barrymore Blvd. and Edison St., Baytown	11:18 PM	MultiRAE	LEL, VOC, H2S, CO, O2	No readings, oxygen normal	None
	21999 Rio Villa Dr., Houston	11:25 PM	MultiRAE	VOC	No readings	None
	598 Corley Drive, Highlands	11:26 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor
	Mt. Rose Missionary Baptist Church, Baytown	11:35 PM	MultiRAE	LEL, VOC, H2S, CO, O2	No readings, oxygen normal	None
	Bonnette Jr. High School, Deer Park	11:38 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2, SO2	1.50 - 1.67 ppm; None detected, oxygen normal	15 min odor survey conducted. No odors detected.
1004 West Houston Street, Highlands	11:41 PM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor	
12302 Coulson St., Houston	11:45 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-0.07 - 0.32 ppm; None detected, oxygen normal	No odors detected.	
20819 Rio Villa Dr., Houston	11:45 PM	MultiRAE	VOC	No readings	None	
Baytown United Seventh Day Adventist Church	11:57 PM	MultiRAE	LEL, VOC, H2S, CO, O2	No readings, oxygen normal	None	

Date	Location	Time (Approx.)	Instrument	Parameters	Survey Results	Other Notes/Observations
Monday, March 25, 2019	812 South Crosby Lynchburg Road, Highlands	12:00 AM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor
	Arcadian Gardens, Barrett	12:05 AM	MultiRAE	LEL, VOC, H2S, CO, O2	No readings, oxygen normal	None
	5912 Spencer Hwy., Pasadena	12:14 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2, SO2	1.70 - 1.76 ppm; None detected, oxygen normal	15 min odor survey conducted. No odors detected.
	844 Battle Bell Road, Highlands	12:14 AM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor
	10701 Wiggins St., Houston	12:15 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	0.33 - 0.6 ppm; None detected, oxygen normal	No odors detected.
	St. Johns United Methodist Church, Baytown	12:17 AM	MultiRAE	LEL, VOC, H2S, CO, O2	No readings, oxygen normal	None
	Grace Lane, Barrett	12:30 AM	MultiRAE	LEL, VOC, H2S, CO, O2	No readings, oxygen normal	None
	1998 South Crosby Lynchburg Road, Highlands	12:30 AM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor
	10511 S. La Crosse St. Houston	12:35 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-0.18 - 0.1 ppm; None detected, oxygen normal	No odors detected.
	Horace Mann Jr. High School, Baytown	12:38 AM	MultiRAE	LEL, VOC, H2S, CO, O2	No readings, oxygen normal	None
	J P Dabbs Elementary School, Deer Park	12:53 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2, SO2	1.71 - 1.86 ppm; None detected, oxygen normal	15 min odor survey conducted. No odors detected.
	500 Mercury Dr., Houston	1:00 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-0.36 to - 0.05 ppm; None detected, oxygen normal	No odors detected.
	Crosby Frwy.	1:00 AM	MultiRAE	VOC	No readings	None
	Ashbel Smith Elementary School, Baytown	1:07 AM	MultiRAE	LEL, VOC, H2S, CO, O2	No readings, oxygen normal	None
	Abshire Stadium, Deer Park	1:20 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2, SO2	1.72 - 1.90 ppm; None detected, oxygen normal	15 min odor survey conducted. No odors detected.
	615 Westshire Dr., Houston	1:20 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	0.08 - 0.33 ppm; None detected, oxygen normal	No odors detected.
	15506 Wallisville Road, Houston	1:20 AM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor
	16144 Wallisville Road, Houston	1:24 AM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor
	Country Rd. Exit, Crosby Frwy.	1:25 AM	MultiRAE	LEL, VOC, H2S, CO, O2	No readings, oxygen normal	None
	Ward Rd., Baytown	1:27 AM	MultiRAE	LEL, VOC, H2S, CO, O2	No readings, oxygen normal	None
	16730 Wallisville Road, Houston	1:39 AM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor
	2123 US-90	1:40 AM	MultiRAE	VOC	No readings	None
	485 Maxey Rd., Houston	1:46 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-0.91 to - 0.68 ppm; None detected, oxygen normal	No odors detected.
	17555 Wallisville Road, Houston	1:53 AM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor
Massey Tomkins Rd., Baytown	1:55 AM	MultiRAE	LEL, VOC, H2S, CO, O2	No readings, oxygen normal	None	
Deer Park Court Clerks Office	1:56 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2, SO2	1.80 - 1.93 ppm; None detected, oxygen normal	15 min odor survey conducted. No odors detected.	
12606 Crosby Lunchberg Rd.	2:00 AM	MultiRAE	VOC	No readings	None	

Monday, March 25, 2019

Date	Location	Time (Approx.)	Instrument	Parameters	Survey Results	Other Notes/Observations
	18478 Wallisville Road, Houston	2:07 AM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor
	14120 Wallisville Rd., Houston	2:11 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-1.09 to - 0.93 ppm; None detected, oxygen normal	No odors detected.
	JC Hollaway Park, Baytown	2:20 AM	MultiRAE	LEL, VOC, H2S, CO, O2	No readings, oxygen normal	None
	21995 Rio Villa Drive, Houston	2:21 AM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor
	827 Magnolia St., Crosby	2:25 AM	MultiRAE	LEL, VOC, H2S, CO, O2	No readings, oxygen normal	None
	East Blvd. and East 13th St., Deer Park	2:27 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2, SO2	1.88 - 2:12 ppm; None detected, oxygen normal	15 min odor survey conducted. No odors detected.
	816 Cimarron St., Houston	2:37 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-1.13 to - 0.98 ppm; None detected, oxygen normal	No odors detected.
	1489 Sheldon Road, Channelview	2:40 AM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor
	I-10 and Sjolander Rd., Baytown	2:47 AM	MultiRAE	LEL, VOC, H2S, CO, O2	No readings, oxygen normal	None
	918 Sheldon Road, Channelview	2:54 AM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor
	Highland Shores Dr., Highlands	2:55 AM	MultiRAE	VOC	No readings	None
	Lomax Jr. High School, La Porte	2:57 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2, SO2	1.89 - 2.02 ppm; None detected, oxygen normal	15 min odor survey conducted. No odors detected.
	825 Beacon St., Houston	3:00 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-1.14 to - 0.93 ppm; None detected, oxygen normal	No odors detected.
	San Jacinto Mall, Baytown	3:08 AM	MultiRAE	LEL, VOC, H2S, CO, O2	No readings, oxygen normal	None
	421 Sheldon Road, Channelview	3:08 AM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor
	2623 Shorewick Dr., Highlands	3:15 AM	MultiRAE	VOC	No readings	None
	236 Dell Dale Blvd., Channelview	3:22 AM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor
	4101 East Sam Houston Pkwy N., Houston	3:26 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-1.32 to - 1.2 ppm; None detected, oxygen normal	No odors detected.
	Jame H. Baker School, La Porte	3:27 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2, SO2	1.94 - 2.07 ppm; None detected, oxygen normal	15 min odor survey conducted. No odors detected.
	Tallow Cove Dr. and Pinewood Court Dr., Baytown	3:33 AM	MultiRAE	LEL, VOC, H2S, CO, O2	No readings, oxygen normal	None
	912 Dell Dale Ave., Channelview	3:35 AM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor
	Dreamland Ave. and Sleepy Time Ln., Crosby	3:45 AM	MultiRAE	LEL, VOC, H2S, CO, O2	No readings, oxygen normal	None

Date	Location	Time (Approx.)	Instrument	Parameters	Survey Results	Other Notes/Observations
Monday, March 25, 2019	1466 Dell Dale Street, Channelview	3:48 AM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor
	Hemlock Dr., Baytown	3:56 AM	MultiRAE	LEL, VOC, H2S, CO, O2	No readings, oxygen normal	None
	San Jacinto College, Central Campus, Pasadena	3:57 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2, SO2	2.09 - 2.27 ppm; None detected, oxygen normal	15 min odor survey conducted. No odors detected.
	120 Castlegory Rd., Houston	3:57 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-1.33 to - 1.2 ppm; None detected, oxygen normal	No odors detected.
	1307 Tenderden Drive, Channelview	4:01 AM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor
	Winkin Ave., Crosby	4:10 AM	MultiRAE	VOC	No readings	None
	14720 Woodforest Blvd., Channelview	4:15 AM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor
	6722 Uvalde Rd., Houston	4:21 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-1.43 to - 1.34 ppm; None detected, oxygen normal	No odors detected.
	Copper Creek and Bay Hill Lane, Baytown	4:24 AM	MultiRAE	LEL, VOC, H2S, CO, O2	No readings, oxygen normal	None
	Spencer Hwy. and Sens Rd., La Porte	4:32 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2, SO2	1.95 - 2:08 ppm; None detected, oxygen normal	15 min odor survey conducted. No odors detected.
	8280 Sheldon Rd., Houston	4:35 AM	MultiRAE	VOC	No readings	None
	1491 Park Drive, Channelview	4:35 AM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor
	16222 Wallisville Rd., Houston	4:45 AM	MultiRAE	LEL, VOC, H2S, CO, O2	No readings, oxygen normal	None
	1093 Woodland Drive, Channelview	4:50 AM	MultiRAE & UltraRAE	LEL, VOC, H2S, CO, O2, Benzene	No readings, oxygen normal; 0.00 ppm	No odor
	Rollingbrook St. and Creekbend Dr., Baytown	4:52 AM	MultiRAE	LEL, VOC, H2S, CO, O2	No readings, oxygen normal	None
	14440 Wallisville Rd., Houston	4:54 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-1.48 to - 1.34 ppm; None detected, oxygen normal	No odors detected.
	15622 Marble Bluff Ln., Houston	4:55 AM	MultiRAE	LEL, VOC, H2S, CO, O2	No readings, oxygen normal	None
	N. Avenue L and Valley View, La Porte	5:03 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2, SO2	2:01 - 2:21 ppm; None detected, oxygen normal	15 min odor survey conducted. No odors detected.
	15855 Granite Mountain Trl, Houston	5:03 AM	MultiRAE	LEL, VOC, H2S, CO, O2	No readings, oxygen normal	None
	6500 Purple Sage Rd., Houston	5:05 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-1.53 to - 1.38 ppm; None detected, oxygen normal	No odors detected.
901 Hartman Dr., Baytown	5:13 AM	MultiRAE	LEL, VOC, H2S, CO, O2	No readings, oxygen normal	None	
David Crockett Elementary	5:34 AM	MultiRAE	LEL, VOC, H2S, CO, O2	No readings, oxygen normal	None	
Deer Park Elementary School, Deer Park	5:42 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2, SO2	1.92 - 2:10 ppm; None detected, oxygen normal	15 min odor survey conducted. No odors detected.	