

TCEQ Handheld Monitoring Equipment Data

TPC Group Fire – November 2019

Shortly after becoming aware of the fire at TPC Group Port Neches Operations that began on November 27, 2019, TCEQ Regional staff initiated handheld monitoring surveys in the area. MultiRAEs, QRAEs, AreaRAEs, UltraRAEs and Toxic Vapor Analyzers with various sensors were used for all survey activities. These instruments provide 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), benzene, 1,3 butadiene, hydrogen cyanide (HCN), and oxygen.

Sample results from TCEQ's handheld monitoring equipment are listed below, including observations of odor. This incident is causing the release of chemicals called VOCs. Elevated levels of VOCs from this facility are odorous. Short-term exposure to high concentrations of VOCs can cause eye, nose, and throat irritation, shortness of breath, headaches, and nausea. If you experience these health effects leave the area until the situation has resolved.

Date	Location	Time (Approx.)	Instrument	LEL	VOC	H2S	O2	SO2	Other Notes/Observations
Friday, November 29, 2019									
11/29/2019	Walmart Supercenter on Doulen Rd, Beaumont TX	7:15 AM	MultiRAE/ UltraRAE	0%	0 ppm	0 ppm	20.9%	0 ppm	No odor
11/29/2019	Church on the Rock, 6355 Highway 69 Access Rd, Beaumont TX	7:22 AM	MultiRAE/ UltraRAE	0%	0 ppm	0 ppm	20.9%	0 ppm	No odor
11/29/2019	Colorado Canyon on Folsom Rd, Beaumont TX	7:35 AM	MultiRAE/ UltraRAE	0%	0 ppm	0 ppm	20.9%	0 ppm	No odor
11/29/2019	Montagne Center, 4401 S M L King Jr Pkwy, Beaumont TX	7:41 AM	MultiRAE/ UltraRAE	0%	0 ppm	0 ppm	20.9%	0 ppm	No odor
11/29/2019	Folsom Hike & Bike Trail on Folsom Rd, Beaumont TX	7:52 AM	MultiRAE/ UltraRAE	0%	0 ppm	0 ppm	20.9%	0 ppm	No odor
11/29/2019	Jack in the Box, M L King Jr & Washington Blvd, Beaumont TX	7:58 AM	MultiRAE/ UltraRAE	0%	0 ppm	0 ppm	20.9%	0 ppm	No odor
11/29/2019	4430 Folsom Rd, Beaumont TX	8:10 AM	MultiRAE/ UltraRAE	0%	0 ppm	0 ppm		0 ppm	No odor
11/29/2019	Tintworks, M L King Jr & Calder Ave, Beaumont TX	8:14 AM	MultiRAE/ UltraRAE	0%	0 ppm	0 ppm	20.9%	0 ppm	Very light burning rubber odors
11/29/2019	5690 Kingswood Dr, Beaumont TX	8:41 AM	MultiRAE/ UltraRAE	0%	0 ppm	0 ppm	20.9%	0 ppm	No odor
11/29/2019	Beaumont Civic Center/Riverfront Park, 701 Main St, Beaumont TX	8:59 AM	MultiRAE/ UltraRAE	0%	0 ppm	0 ppm	20.9%	0 ppm	Very light burning rubber odors
11/29/2019	Judge John Paul David Community Center, East Lucas & Helbig Rd, Beaumont TX	9:08 AM	MultiRAE/ UltraRAE	0%	0 ppm	0 ppm	20.9%	0 ppm	No odor

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Friday, November 29, 2019									
11/29/2019	Buford St at railroad tracks, Beaumont TX	9:24 AM	MultiRAE/ UltraRAE	0%	0 ppm	0 ppm	20.9%	0 ppm	Intermittant moderate odors
11/29/2019	Magnolia Ave and East Lucas, Beaumont TX	9:25 AM	MultiRAE/ UltraRAE	0%	0 ppm	0 ppm	20.9%	0 ppm	No odor
11/29/2019	Collier's Ferry Park, Pine St, Beaumont TX	9:44 AM	MultiRAE/ UltraRAE	0%	0 ppm	0 ppm	20.9%	0 ppm	No odor
11/29/2019	Charlton-Pollard Park, Frederick & Sabine Pass Ave, Beaumont TX	9:46 AM	MultiRAE/ UltraRAE	0%	0 ppm	0 ppm	20.9%	0 ppm	No odor
11/29/2019	Delaware Rd and Pine St, Beaumont TX	10:00 AM	MultiRAE/ UltraRAE	0%	0 ppm	0 ppm	20.9%	0 ppm	No odor
11/29/2019	Post Office on Avenue A, Beaumont TX	10:15 AM	MultiRAE/ UltraRAE	0%	0 ppm	0 ppm	20.9%	0 ppm	No odor
11/29/2019	FEHL-Price Elementary School, 3350 Blanchette St, Beaumont TX	10:37 AM	MultiRAE/ UltraRAE	0%	0 ppm	0 ppm	20.9%	0 ppm	No odor
11/29/2019	Gulf St and Delaware St, Beaumont TX	10:38 AM	MultiRAE/ UltraRAE	0%	0 ppm	0 ppm	20.9%	0 ppm	No odor
11/29/2019	Paradise Baptist Church, Hwy 69 & Fannett Rd, Beaumont TX	11:00 AM	MultiRAE/ UltraRAE	0%	0 ppm	0 ppm	20.9%	0 ppm	No odor
11/29/2019	Langham Rd at Beaumont Municipal Athletic Complex, Beaumont TX	11:24 AM	MultiRAE/ UltraRAE	0%	0 ppm	0 ppm	20.9%	0 ppm	No odor
11/29/2019	Calder Ave and W. Lucas Rd, Beaumont TX	11:53 AM	MultiRAE/ UltraRAE	0%	0 ppm	0 ppm	20.9%	0 ppm	No odor