

Center for Biological Diversity analysis of air emissions data from Texas petrochemical facilities, provided by the Texas Commission on Environmental Quality as of August 31, 2017. Contact: Shaye Wolf, swolf@biologicaldiversity.org

Petrochemical facility	Type of event	1-3 butadiene	benzene	hydrogen sulfide	hexane	sulfur dioxide	toluene	xylene	Causes
Chevron Phillips Chemical Cedar Bayou Plant	Shutdown	15081	28505		7504		8711	1191	
Chevron Phillips Chemical Port Arthur Facility	Shutdown	70	70						
Chevron Phillips Chemical Sweeny Old Ocean Facility	Shutdown	1113	1577						
Chocolate Bayou Plant	Emissions event	5500							
Citgo Corpus Christi Refinery East Plant	Shutdown		22	606		5010			
Citgo Corpus Christi Refinery West Plant	Shutdown		11	303		2004			
Dow Texas Operations Freeport	Emissions event	1086	3110		369		2851		
Enterprise Mont Belvieu Complex	Shutdown								
Enterprise Mont Belvieu Complex	Emissions event								
Enterprise Mont Belvieu Complex	Startup								
Equistar Chemicals Channelview Complex	Emissions event	99	125				100		
Equistar Chemicals La Porte Complex	Emissions event	6	8						
Equistar Corpus Christi Plant	Emissions event								
Exxon Mobil Baytown Olefins Plant	Emissions event	509	0.0001						
Exxon Mobil Baytown Refinery	Shutdown	51	10	4061		216934			
Exxon Mobil Baytown Refinery	Emissions event		22				115	240	Tank TK347 roof failure
Exxon Mobil Beaumont Refinery	Emissions event					1313			
Exxon Mobil Beaumont Refinery	Shutdown			907		6812			
Flint Hills Resources Corpus Christi West Plant	Shutdown		50	200		45000			
Flint Hills Resources Corpus Christi West Plant	Emissions event		261						
Flint Hills Resources Corpus Christi West Plant	Startup		300	200		45000			
Flint Hills Resources East Refinery	Shutdown		50	200		37500			
Flint Hills Resources East Refinery	Startup		50	200		37500			
Flint Hills Resources Port Arthur Facility	Shutdown	13000	12000				3000	1000	
Formosa Point Comfort Plant	Shutdown	4286	564	0.63	914		406	253	
Formosa Point Comfort Plant	Startup	55808	27543	13	4521		8677	1887	
Houston Plant	Emissions event	365							
Marathon Petroleum Texas City Refinery	Emissions event								Tank 112 roof failure
Marathon Petroleum Texas City Refinery	Startup	10	200	200		15000	200	200	
Pasadena Plastics Complex	Shutdown				35				
Pasadena Product Terminal	Emissions event		10						Tank 1202 roof failure
Pasadena Product Terminal	Emissions event		10						Tank 2303 roof failure
Pasadena Product Terminal	Emissions event		10						Tank 2302 roof failure
Pasadena Product Terminal	Emissions event		10						Tank 2301 roof failure
Pasadena Refining System	Shutdown								
Pasadena Terminal	Emissions event		300				1700	1300	Tank 150-39 roof failure
Pasadena Terminal	Emissions event	1700	900		7000		2100	900	Tank 150-8 roof failure

Pasadena Terminal	Emissions event	122	71				180		Tank 150-43 roof failure
Port Arthur Refinery	Shutdown			1111		5511			
Shell Oil Deer Park	Emissions event		11				101	101	Tank G360 damaged
Shell Oil Deer Park	Emissions event		100				100	100	Tank G346 damaged
Sweeny Refinery	Shutdown			24		520			
Total Petro Chemicals and Refining USA Port Arthur Ref	Emissions event			87		67000			
TPC Group Port Neches Operations	Emissions event	111							
Union Carbide Texas City	Emissions event								
Valero Partners Houston	Emissions event		7						Tank 3 roof failure
Big Cowboy Compressor Station	Emissions event								
Brite Leg Production Facility (oil and gas)	Emissions event					502			
Buffalo Gas Plant	Emissions event		12		238		13	3	
Celanese Clear Lake Plant	Emissions event								
Celanese Clear Lake Plant	Emissions event				110				
Fullerton Gas Plant	Maintenance due to Shutdown			2350		222476			
Javelina Gas Processing Facility	Shutdown								
Mars Production Facility (gas)	Emissions event					501			
Midkiff Gas Plant	Emissions event		30		884		30	9	
Sugarloaf Stabilization Facility (natural gas)	Emissions event								
Total pounds as of August 31, 2017		98,917	75,949	10,463	21,575	708,583	28,284	7,184	