

40435 – Mayflower Pipeline Incident ExxonMobil[®] Summary of Air Monitoring Conducted by CTEH[®] April 14, 2013 - 24 hour period¹

Community Summary of Manual Real-Time Air Monitoring							
Analyte	Count of Readings	Count of Detections	Average Concentration of Detections	Highest Concentration			
Benzene	104	0	N/A	<0.05 ppm			
Hydrogen Sulfide	105	0	N/A	< 1 ppm			
VOC	104	0	N/A	<0.1 ppm			

Table 4

Table 2 Work Area Summary of Manual Real-Time Air Monitoring **Average Count of** Count of **Highest** Analyte **Concentration of** Readings Concentration **Detections Detections** Benzene 51 0 N/A < 0.05 ppm Hydrogen Sulfide N/A 51 0 < 1 ppm VOC 52 0 N/A < 0.1 ppm

Table 3 Summary of AreaDAE Deal Time Air Manitarian								
Unit	Analyte	Count of Readings	Count of Detections	Average Concentration of Detections	Highest Concentration			
RTU_1 mobile	Hydrogen Sulfide	4595	0	0.1 ppm	< 1 ppm			
	VOC	4595	4	0.2 ppm	0.5 ppm			
RTU_5 fixed	Hydrogen Sulfide	5394	0	N/A	< 1 ppm			
	VOC	5394	0	N/A	< 0.1 ppm			
RTU_6 fixed	Hydrogen Sulfide	5594	5^{\dagger}	0.1	0.2 ppm			
	VOC	5594	29	0.1	0.3 ppm			

*Details of elevated chemical detections are provided at the end of this document (None Attached to this Document). †Raw data indicate sensor activity that is below instrument resolution (1 ppm) for Hydrogen Sulfide.

¹ Note: The information provided below has not been processed by the QAQC department.

AreaRAE Monitoring April 14, 2013

Mayflower Pipeline Incident Exxon Mobil Mayflower, AR **Faulkner County**



CTEH

Handheld Real-time Monitoring April 14, 2013

Mayflower Pipeline Incident Exxon Mobil Mayflower, AR Faulkner County



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Handheld Real-time Monitoring VOC Concentrations April 14, 2013

Mayflower Pipeline Incident Exxon Mobil Mayflower, AR Faulkner County

