

**40435 – Mayflower Pipeline Incident
ExxonMobil[®]
Summary of Air Monitoring
Conducted by CTEH[®]
April 20, 2013 - 24 hour period¹**

**Table 1
Community Summary of Manual Real-Time Air Monitoring**

Analyte	Count of Readings	Count of Detections	Average Concentration of Detections	Highest Concentration
Benzene	111	0	N/A	<0.05 ppm
Hydrogen Sulfide	109	0	N/A	< 1 ppm
VOC	112	0	N/A	<0.1 ppm

**Table 2
Work Area Summary of Manual Real-Time Air Monitoring**

Analyte	Count of Readings	Count of Detections	Average Concentration of Detections	Highest Concentration
Benzene	98	0	N/A	< 0.05 ppm
Hydrogen Sulfide	100	0	N/A	< 1 ppm
VOC	97	0	N/A	< 0.1 ppm

**Table 3
Summary of AreaRAE Real-Time Air Monitoring**

Unit	Analyte	Count of Readings	Count of Detections	Average Concentration of Detections	Highest Concentration
RTU_6 fixed	Hydrogen Sulfide	5646	617 [†]	0.2	0.4 ppm
	VOC	5646	29	0.1	0.5 ppm

^{*}Details of elevated chemical detections are provided at the end of this document (None Attached to this Document).

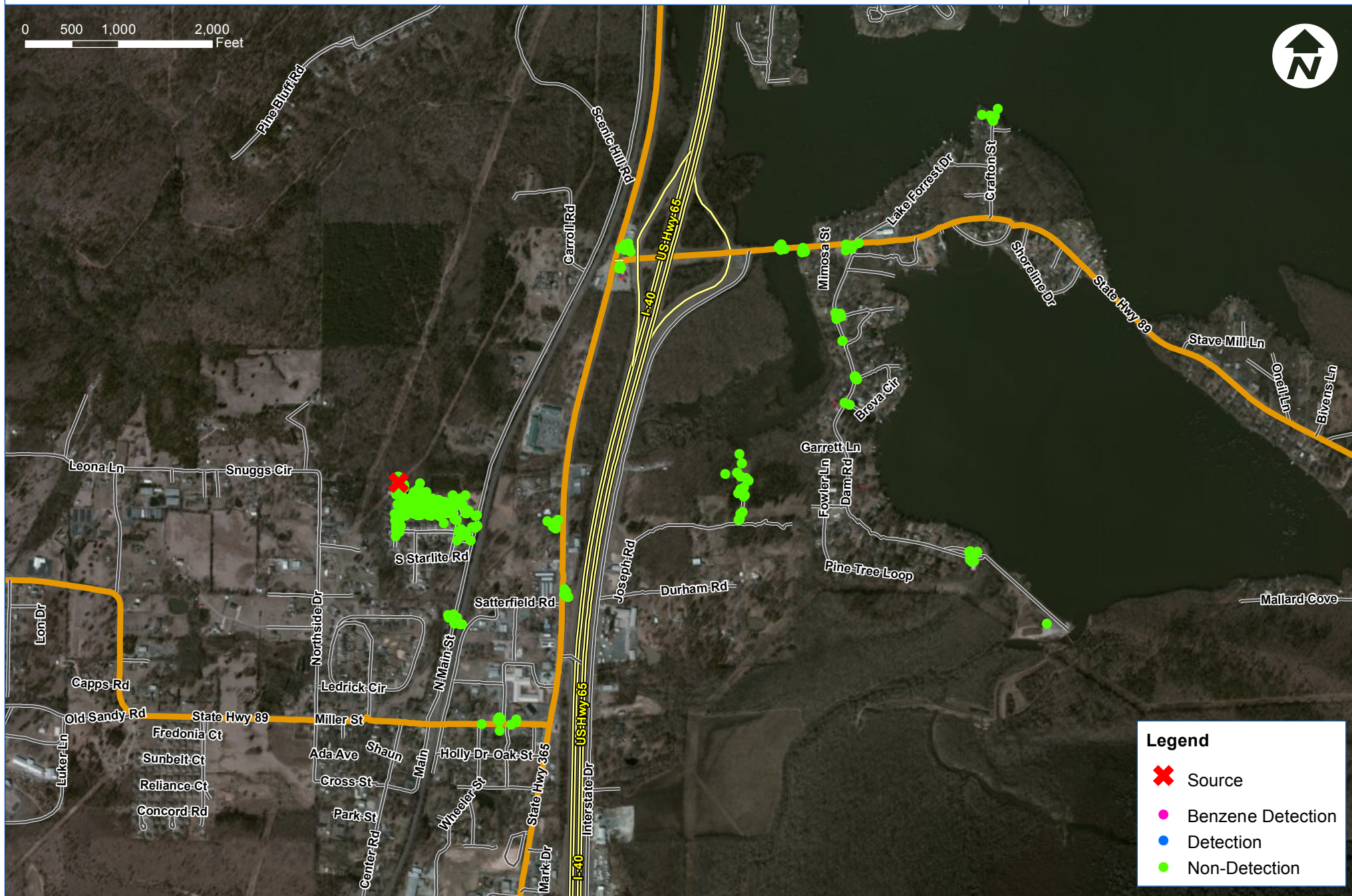
[†]Raw data indicate sensor activity that is below instrument resolution (1 ppm) for Hydrogen Sulfide.

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

Handheld Real-time Monitoring

April 20, 2013

Mayflower Pipeline Incident
ExxonMobil
Mayflower, AR
Faulkner County



Handheld Real-time Monitoring VOC Concentrations April 20, 2013

Mayflower Pipeline Incident
ExxonMobil
Mayflower, AR
Faulkner County



Handheld Real-time Monitoring Benzene Concentrations April 20, 2013

Mayflower Pipeline Incident
ExxonMobil
Mayflower, AR
Faulkner County

