

**40435 – Mayflower Pipeline Incident
ExxonMobil®
Summary of Air Monitoring
Conducted by CTEH®
April 23, 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	81	0	N/A	<0.05 ppm
Hydrogen Sulfide	78	0	N/A	< 1 ppm
VOC	80	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	25	0	N/A	< 0.05 ppm
Hydrogen Sulfide	28	0	N/A	< 1 ppm
VOC	29	4	0.4	0.5 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	2603	74 [†]	0.1	0.4 ppm
	VOC	2603	0	N/A	< 0.1 ppm

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

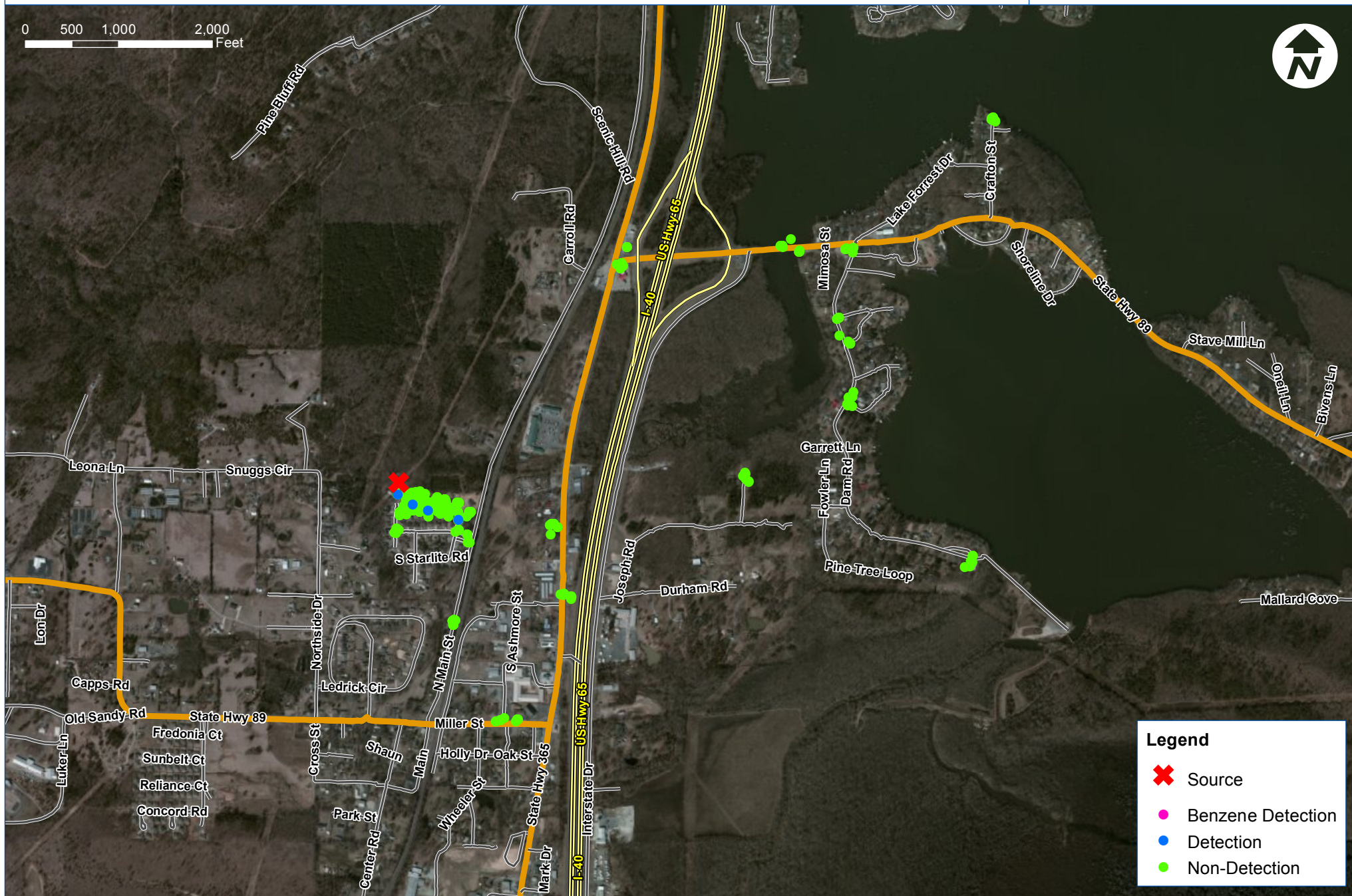
[†]Raw data indicate sensor activity that is below instrument resolution (1 ppm) for Hydrogen Sulfide.

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

Handheld Real-time Monitoring

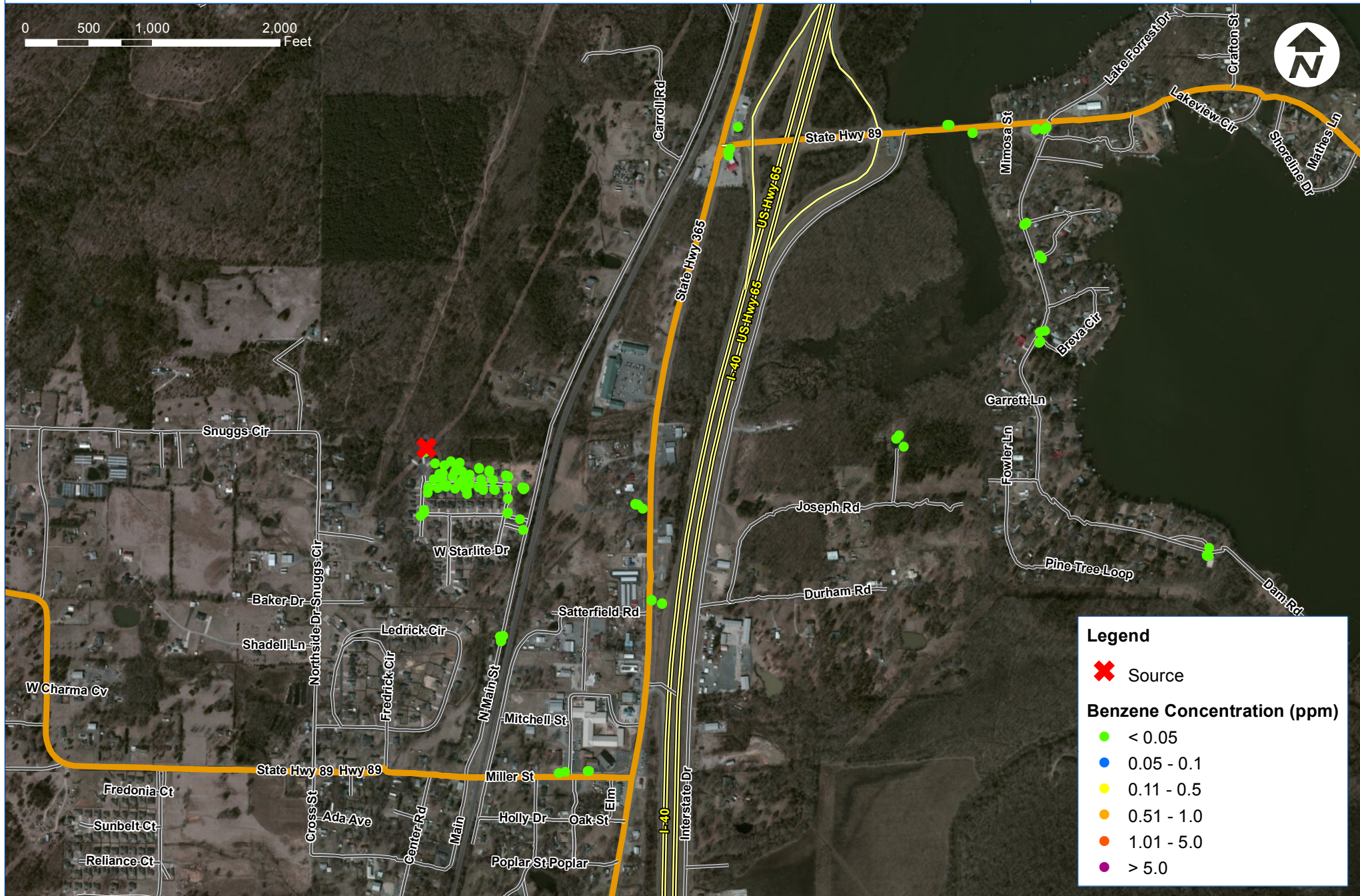
April 23, 2013

Mayflower Pipeline Incident
ExxonMobil
Mayflower, AR
Faulkner County



Handheld Real-time Monitoring Benzene Concentrations April 23, 2013

Mayflower Pipeline Incident
ExxonMobil
Mayflower, AR
Faulkner County



Handheld Real-time Monitoring VOC Concentrations April 23, 2013

Mayflower Pipeline Incident
ExxonMobil
Mayflower, AR
Faulkner County

