

**40435 – Mayflower Pipeline Incident
ExxonMobil®
Summary of Air Monitoring
Conducted by CTEH®
April 19, 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	117	0	N/A	<0.05 ppm
Hydrogen Sulfide	120	0	N/A	< 1 ppm
VOC	121	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	39	0	N/A	< 0.05 ppm
Hydrogen Sulfide	40	0	N/A	< 1 ppm
VOC	39	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	5621	558 [†]	0.1	0.4 ppm
	VOC	5621	0	0	< 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.*

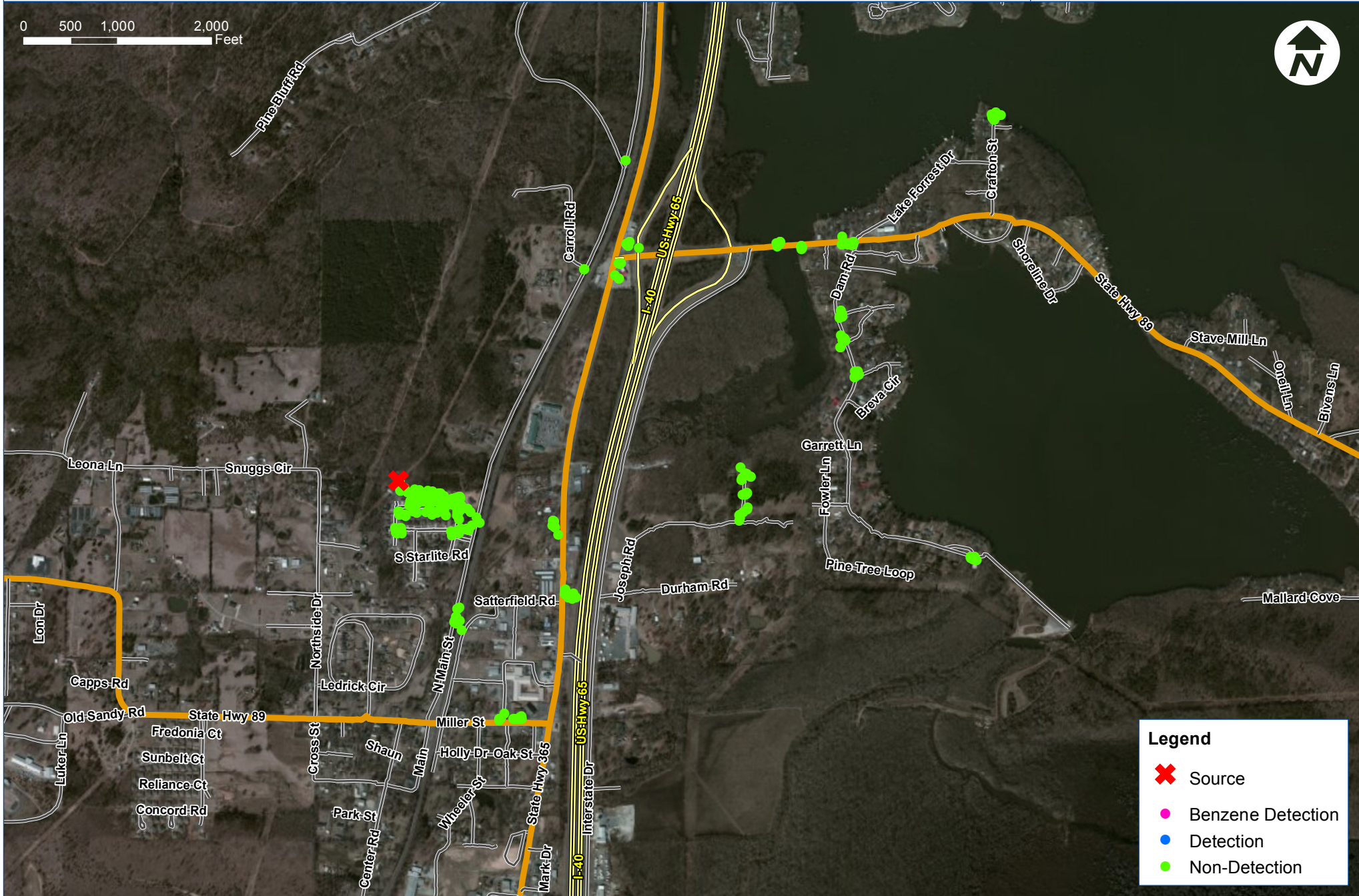
¹ Note: The information provided below has not been processed by the QAQC department.

Handheld Real-time Monitoring

April 19, 2013

Mayflower Pipeline Incident
Exxon Mobil
Mayflower, AR
Faulkner County

0 500 1,000 2,000
Feet

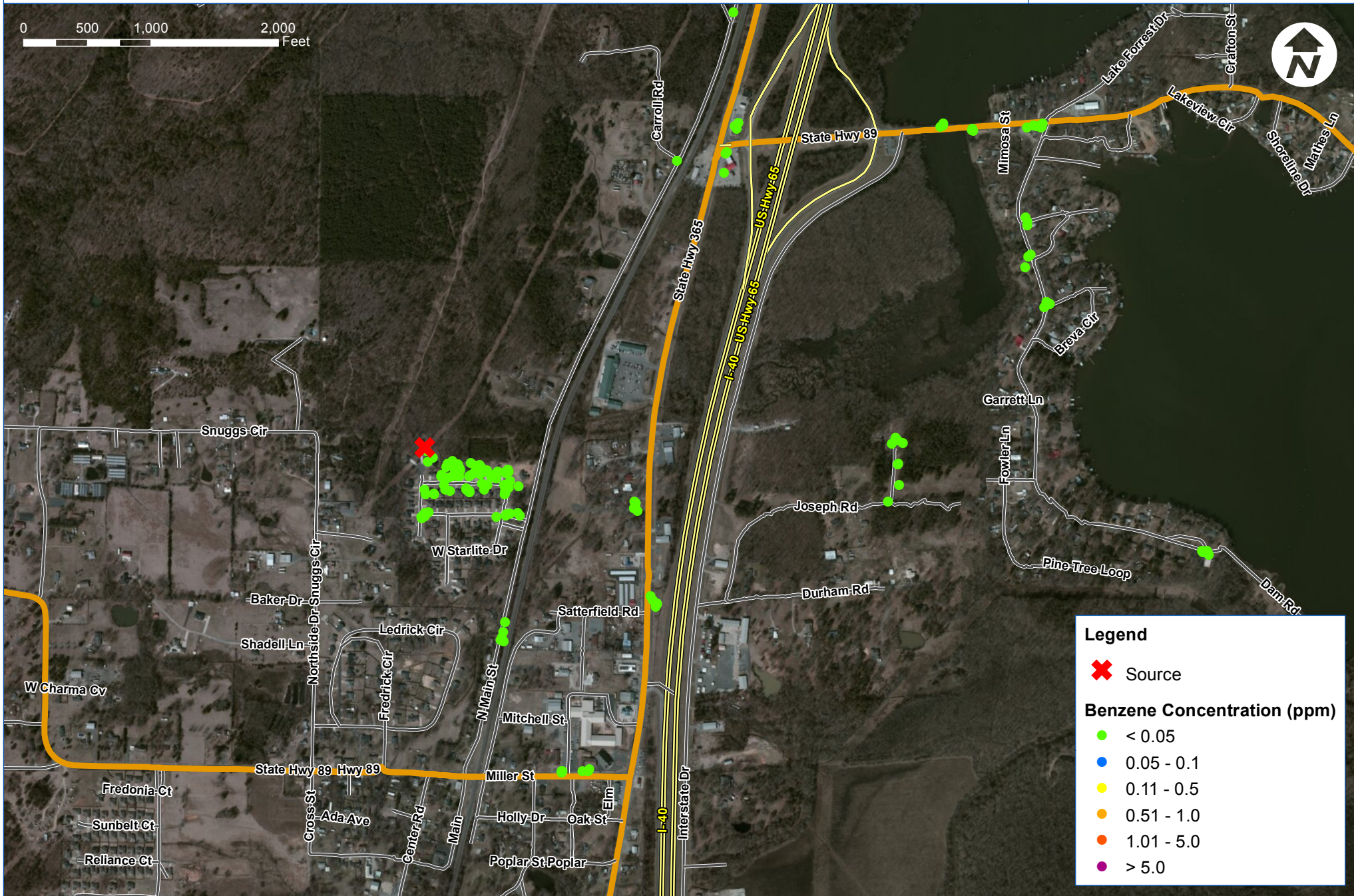


Legend

- ✘ Source
- Benzene Detection
- Detection
- Non-Detection

Handheld Real-time Monitoring Benzene Concentrations April 19, 2013

Mayflower Pipeline Incident
Exxon Mobil
Mayflower, AR
Faulkner County



Handheld Real-time Monitoring VOC Concentrations April 19, 2013

Mayflower Pipeline Incident
Exxon Mobil
Mayflower, AR
Faulkner County

