

**40435 – Mayflower Pipeline Incident  
ExxonMobil®  
Summary of Air Monitoring  
Conducted by CTEH®  
April 24, 2013 - 24 hour period<sup>1</sup>**

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

<b>Analyte</b>	<b>Count of Readings</b>	<b>Count of Detections</b>	<b>Average Concentration of Detections</b>	<b>Highest Concentration</b>
Benzene	15	0	N/A	< 0.05 ppm
Hydrogen Sulfide	15	0	N/A	< 1 ppm
VOC	15	0	N/A	< 0.1 ppm

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

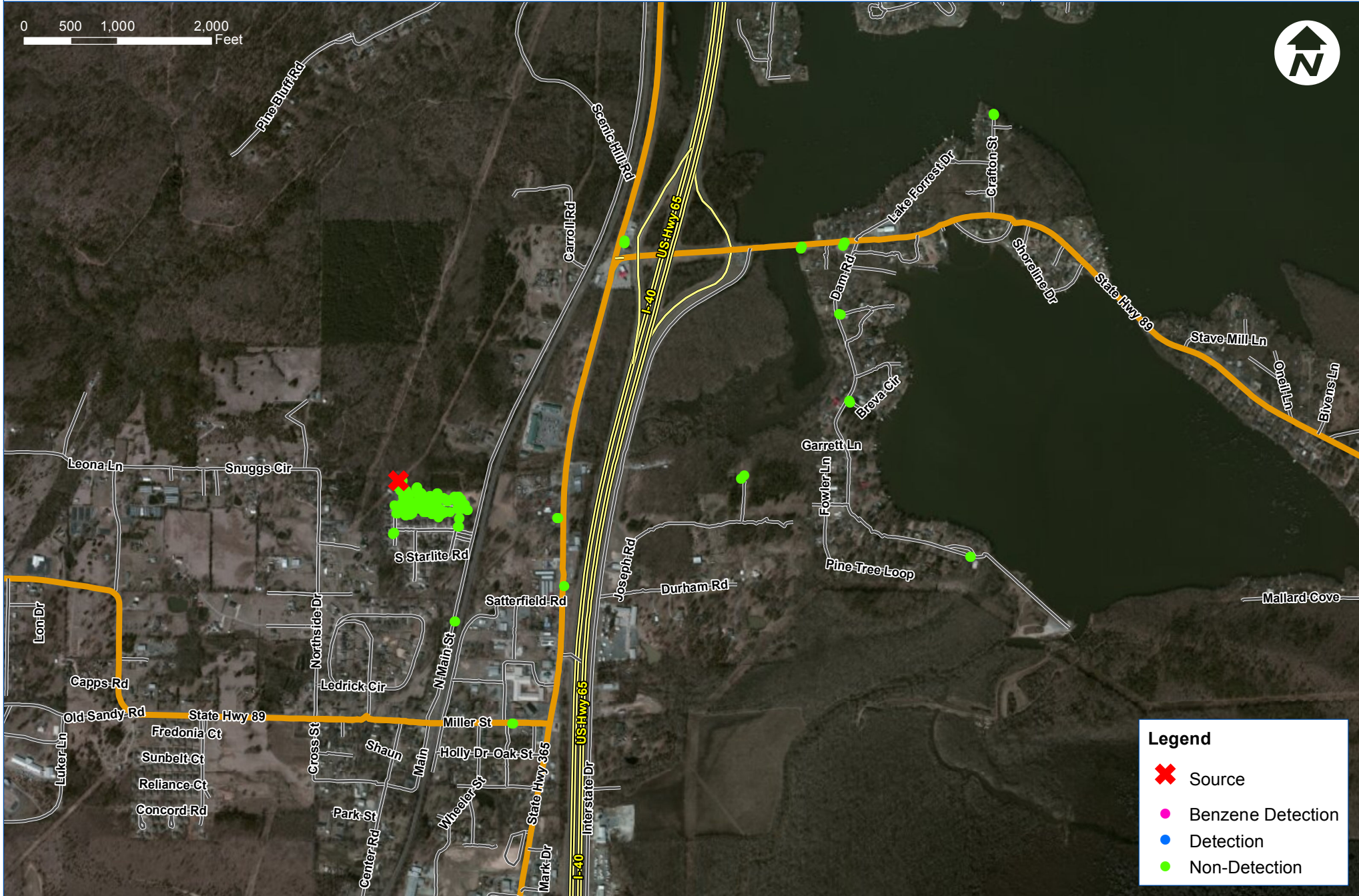
<b>Analyte</b>	<b>Count of Readings</b>	<b>Count of Detections</b>	<b>Average Concentration of Detections</b>	<b>Highest Concentration</b>
Benzene	47	0	N/A	< 0.05 ppm
Hydrogen Sulfide	47	0	N/A	< 1 ppm
VOC	47	0	N/A	< 0.1 ppm

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

# Handheld Real-time Monitoring April 24, 2013

Mayflower Pipeline Incident  
ExxonMobil  
Mayflower, AR  
Faulkner County

0 500 1,000 2,000  
Feet

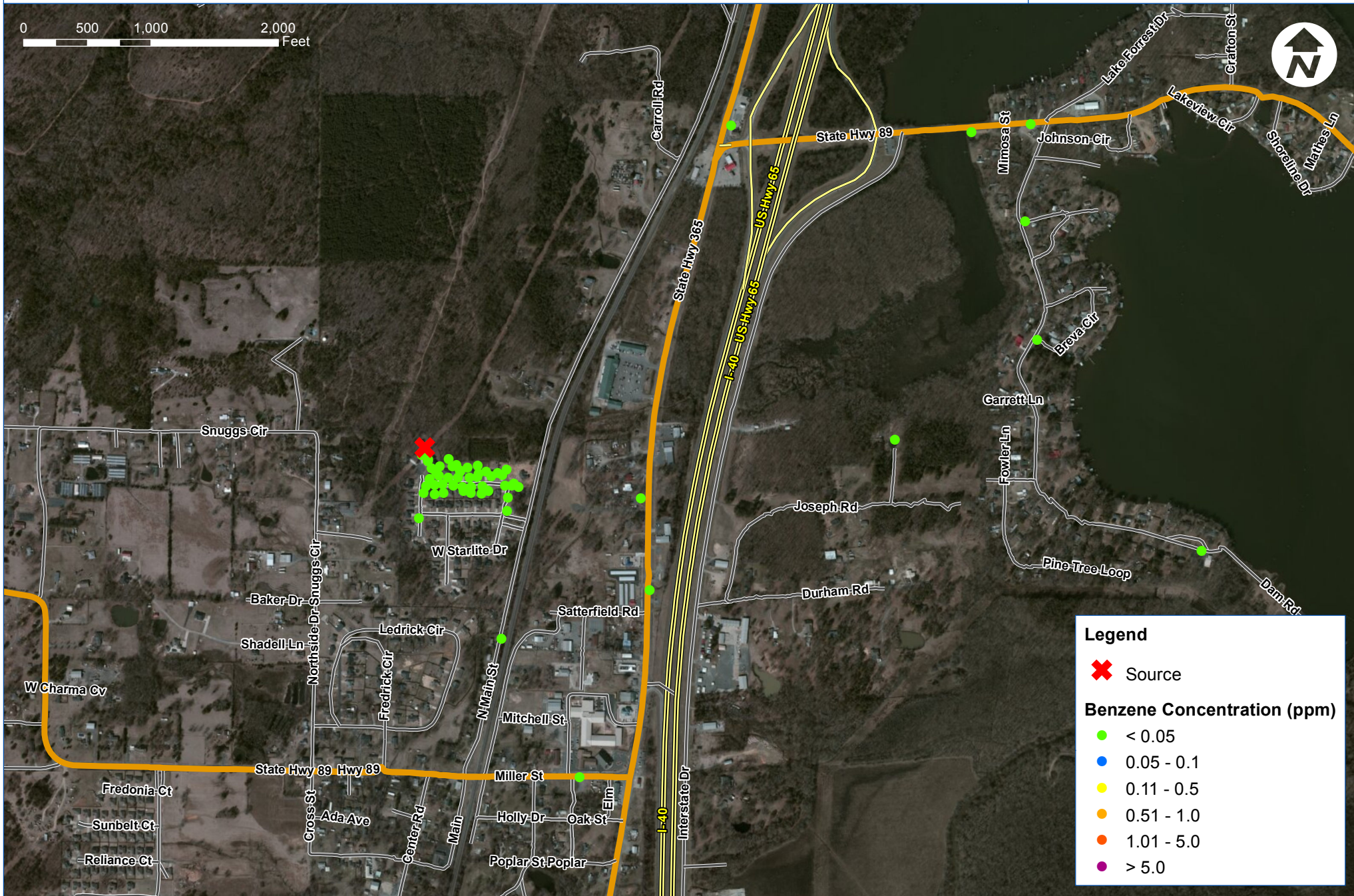


**Legend**

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

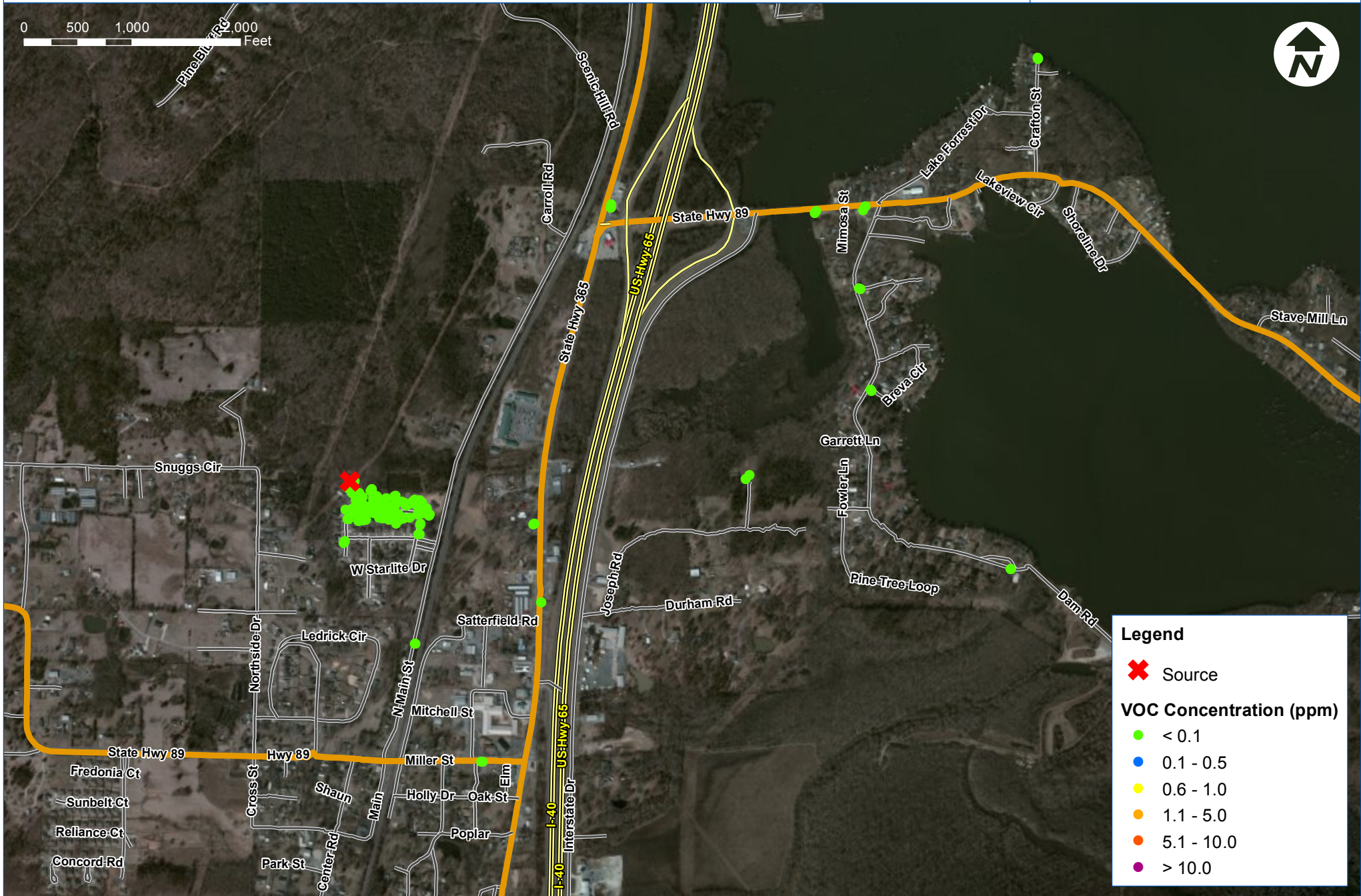
# Handheld Real-time Monitoring Benzene Concentrations April 24, 2013

Mayflower Pipeline Incident  
ExxonMobil  
Mayflower, AR  
Faulkner County



# Handheld Real-time Monitoring VOC Concentrations April 24, 2013

Mayflower Pipeline Incident  
ExxonMobil  
Mayflower, AR  
Faulkner County



0 500 1,000 2,000 Feet



**Legend**

- ✖ Source
- VOC Concentration (ppm)
- < 0.1
- 0.1 - 0.5
- 0.6 - 1.0
- 1.1 - 5.0
- 5.1 - 10.0
- > 10.0