

**40435 – Mayflower Pipeline Incident
ExxonMobil®
Summary of Air Monitoring
Conducted by CTEH®
April 13, 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	106	0	N/A	<0.05 ppm
Hydrogen Sulfide	107	0	N/A	< 1 ppm
VOC	108	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	52	0	N/A	< 0.05 ppm
Hydrogen Sulfide	49	0	N/A	< 1 ppm
VOC	51	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_1 mobile	Hydrogen Sulfide	4855	12 [†]	0.1 ppm	0.1 ppm
	VOC	4855	41	0.3 ppm	3.5 ppm
RTU_5 fixed	Hydrogen Sulfide	5557	0	N/A	< 1 ppm
	VOC	5557	1	N/A	0.2 ppm
RTU_6 fixed	Hydrogen Sulfide	5662	0	N/A	< 1 ppm
	VOC	5662	0	N/A	< 0.1 ppm

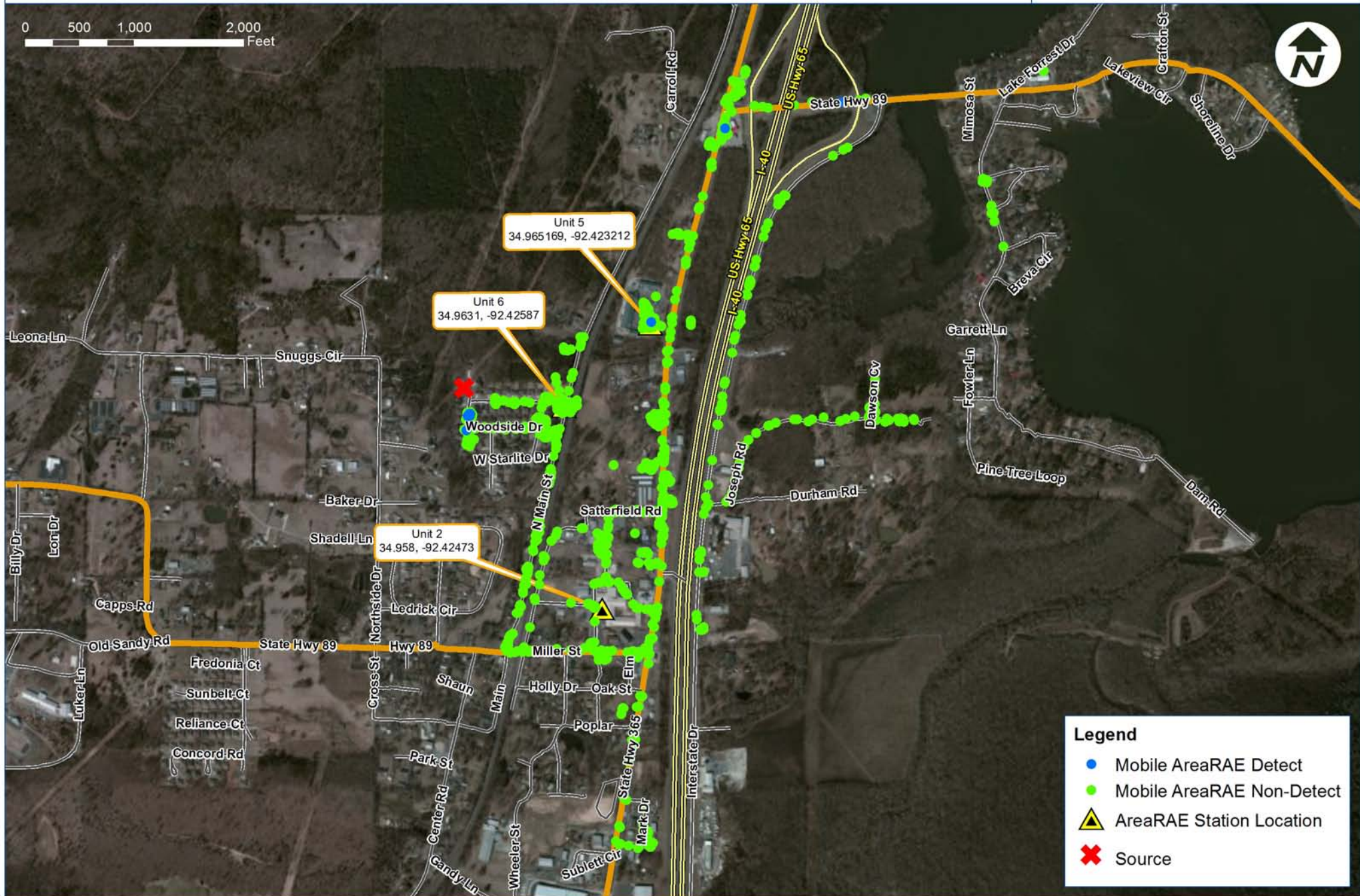
^{*}Details of elevated chemical detections are provided at the end of this document (None Attached to this Document).

[†]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.

AreaRAE Monitoring April 13, 2013

Mayflower Pipeline Incident
Exxon Mobil
Mayflower, AR
Faulkner County



Handheld Real-time Monitoring

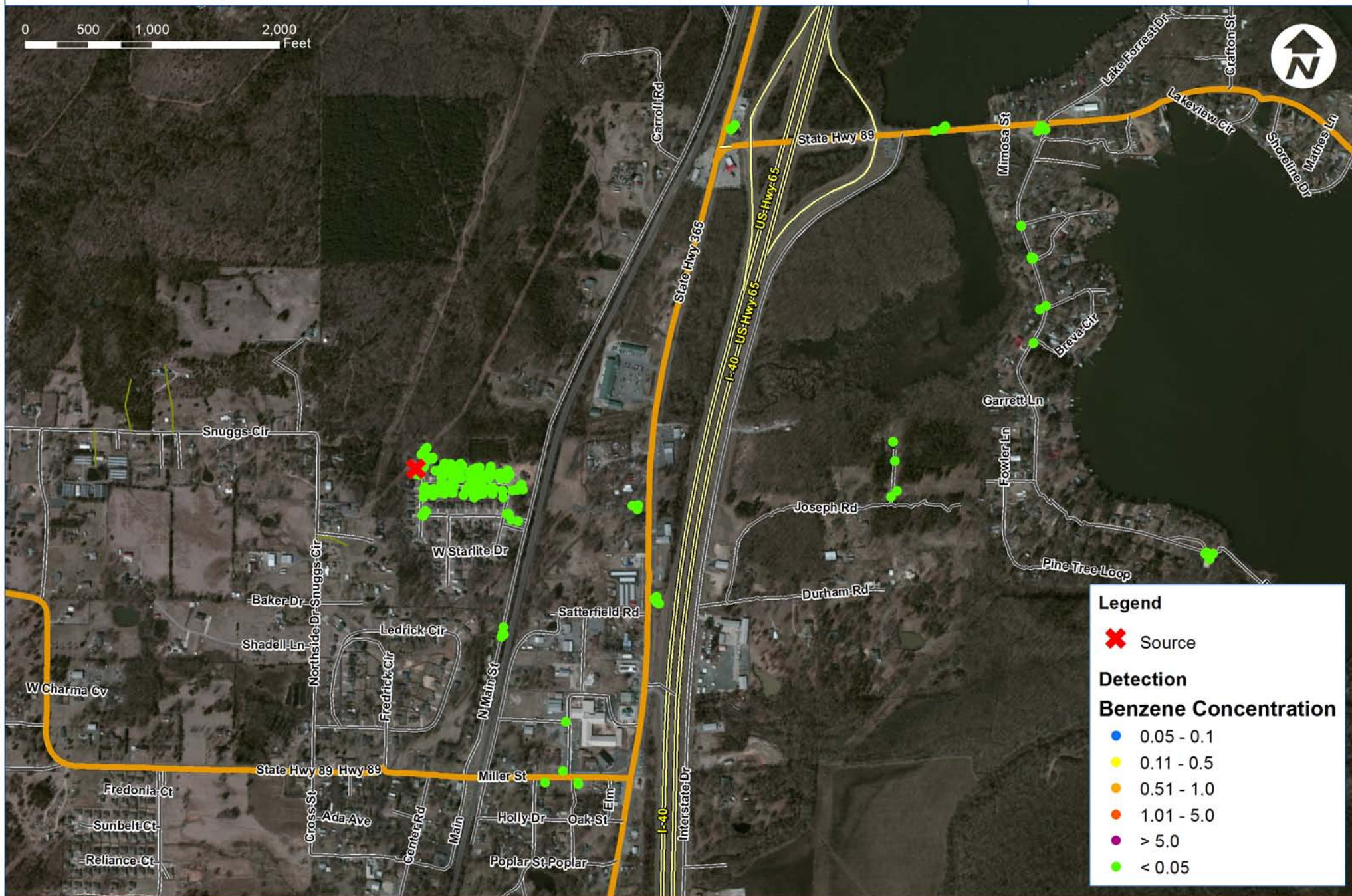
April 13, 2013

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Handheld Real-time Monitoring Benzene Concentrations April 13, 2013

Mayflower Pipeline Incident
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Handheld Real-time Monitoring VOC Concentrations April 13, 2013

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