

40435 – Mayflower Pipeline Incident

ExxonMobil

Summary of Air Monitoring

Conducted by CTEH

April 09, 2013 - 24 hour period

Note: The information provided below has not been processed by the QA/QC department.

Table 1
Community Summary of Manual Real-Time Air Monitoring

Analyte	Count of Readings	Count of Detections	Average Concentration of Detections	Highest Concentration
Benzene	82	0	N/A	< 0.05 ppm
Hydrogen Sulfide	148	0	N/A	< 1 ppm
VOC	177	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	93	0	N/A	0.05 ppm
Hydrogen Sulfide	133	0	N/A	< 1 ppm
LEL	79	0	N/A	< 1 %
Hexane	1	0	N/A	< 1.0 ppm
Toluene	1	0	N/A	< 1.0 ppm
VOC	158	2	2.05 ppm	4.0 ppm
Xylene	1	0	N/A	< 1.0 ppm

Table 3
Summary of AreaRAE Real-Time Air Monitoring

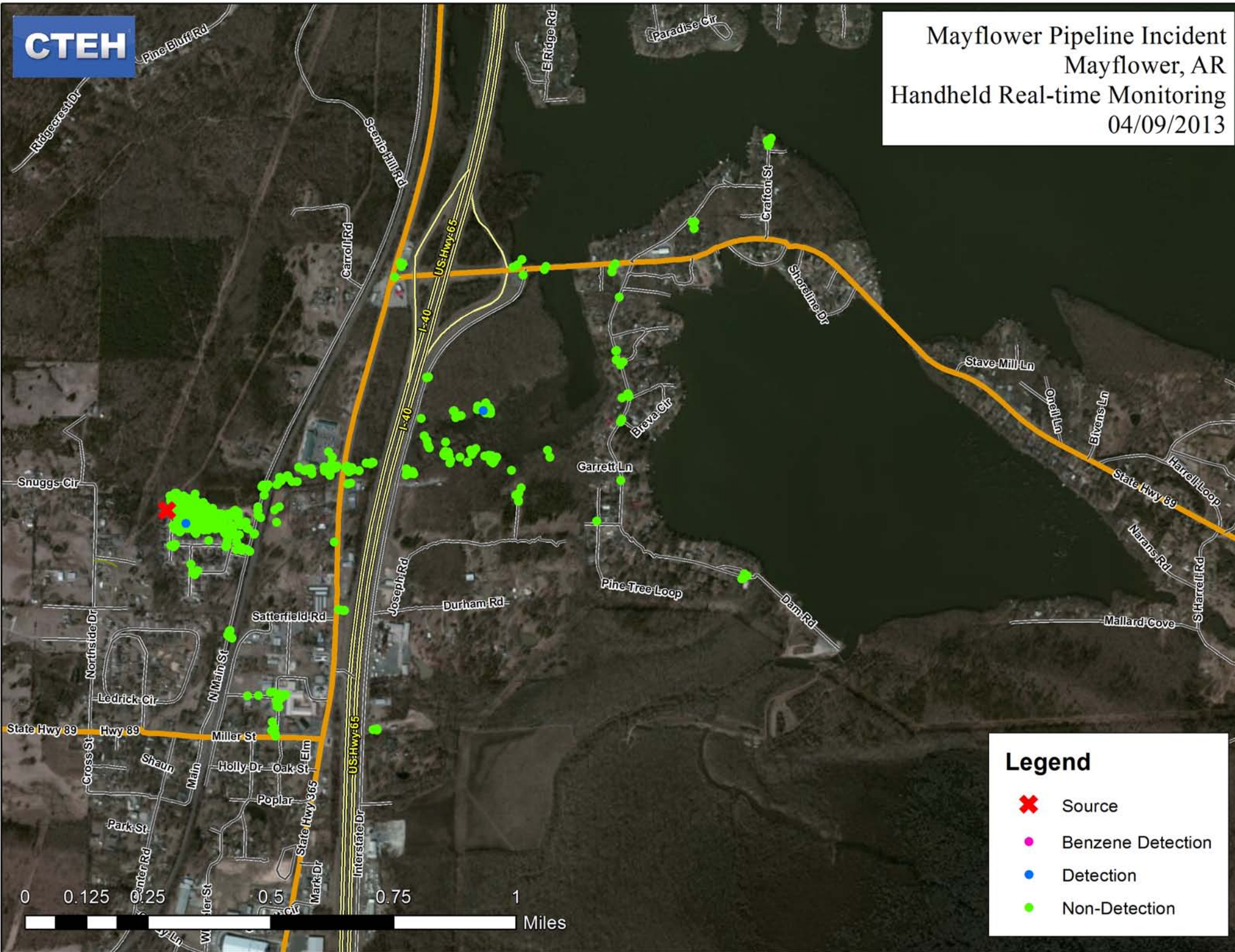
Unit	Analyte	Count of Readings	Count of Detections	Average Concentration of Detections	Highest Concentration
RTU_1 mobile	Hydrogen Sulfide	6784	0	N/A	< 1 ppm
	LEL	6784	0	N/A	< 1 %
	VOC	6784	2	0.1 ppm	0.1 ppm
RTU_2 fixed	Hydrogen Sulfide	2810	24 [†]	0.1 ppm	0.1 ppm
	VOC	2792	0	N/A	< 0.1 ppm
RTU_5 fixed	Hydrogen Sulfide	9359	4417 [†]	0.1 ppm	0.3 ppm
	LEL	8902	0	N/A	< 1 %
	VOC	8902	0	N/A	< 0.1 ppm
RTU_6 fixed	Hydrogen Sulfide	9865	983 [†]	0.2 ppm	0.7 ppm
	LEL	9605	0	N/A	< 1 %
	VOC	9672	507	0.2 ppm	1.6 ppm

*Details of elevated chemical detections are provided at the end of this document. None to report on this date.

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

CTEH

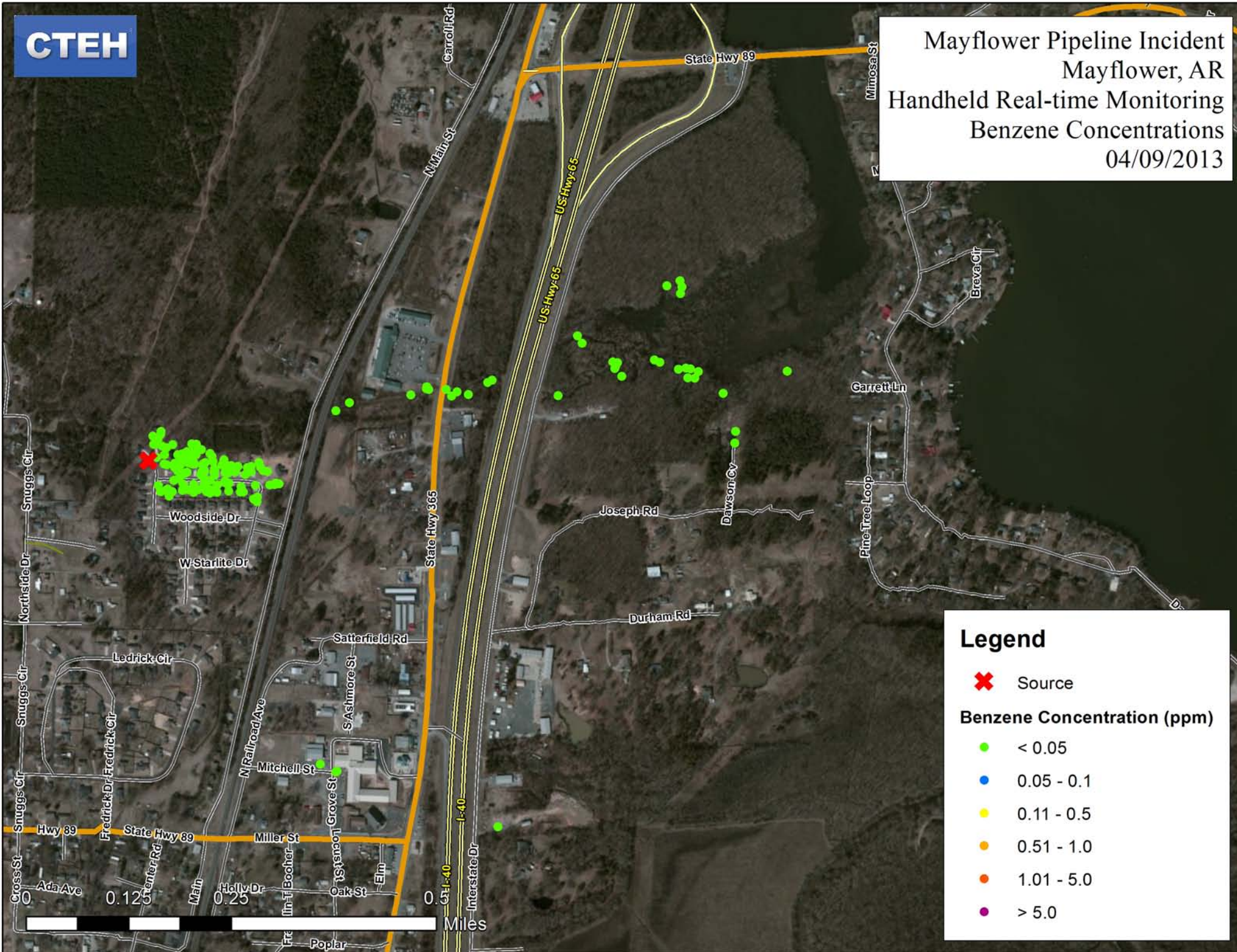
Mayflower Pipeline Incident
Mayflower, AR
Handheld Real-time Monitoring
04/09/2013



Legend

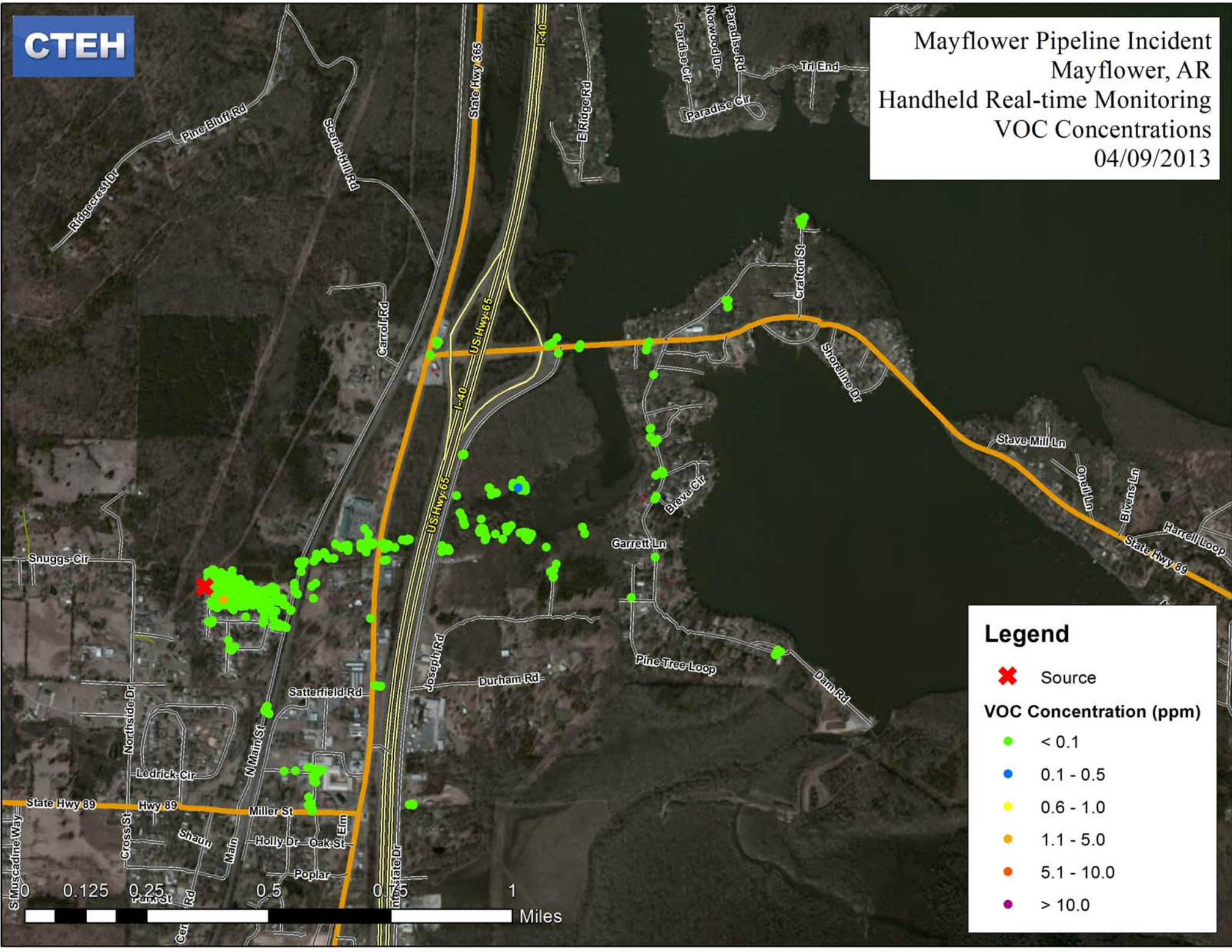
- ✖ Source
- Benzene Detection
- Detection
- Non-Detection

Mayflower Pipeline Incident
Mayflower, AR
Handheld Real-time Monitoring
Benzene Concentrations
04/09/2013





Mayflower Pipeline Incident
Mayflower, AR
Handheld Real-time Monitoring
VOC Concentrations
04/09/2013



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

