Center for Toxicology and Environmental Health, L.L.C.
5120 North Shore Drive North Little Rock, AR 72118 Phone: 501.801.8500 Fax: 501.801.8501 www.cteh.com

Summary of Tactical IH Strike Team and H&S Operations Work Area Monitoring Activities Conducted by CTEH In Response to the MC 252 Oil Spill

Daily Summary for May 20, 2010

Real-time air monitoring was conducted by the MC252 Tactical IH Strike Team along the Gulf of Mexico coastline, between south of Houma, LA and Panama City, FL, to address worker exposure concerns. The results of this real-time air monitoring for May 20, 2010 are shown in Table 1. The locations where real-time air monitoring was conducted are shown in Figure 1. Figure 2 shows odor results at the real-time collection locations.

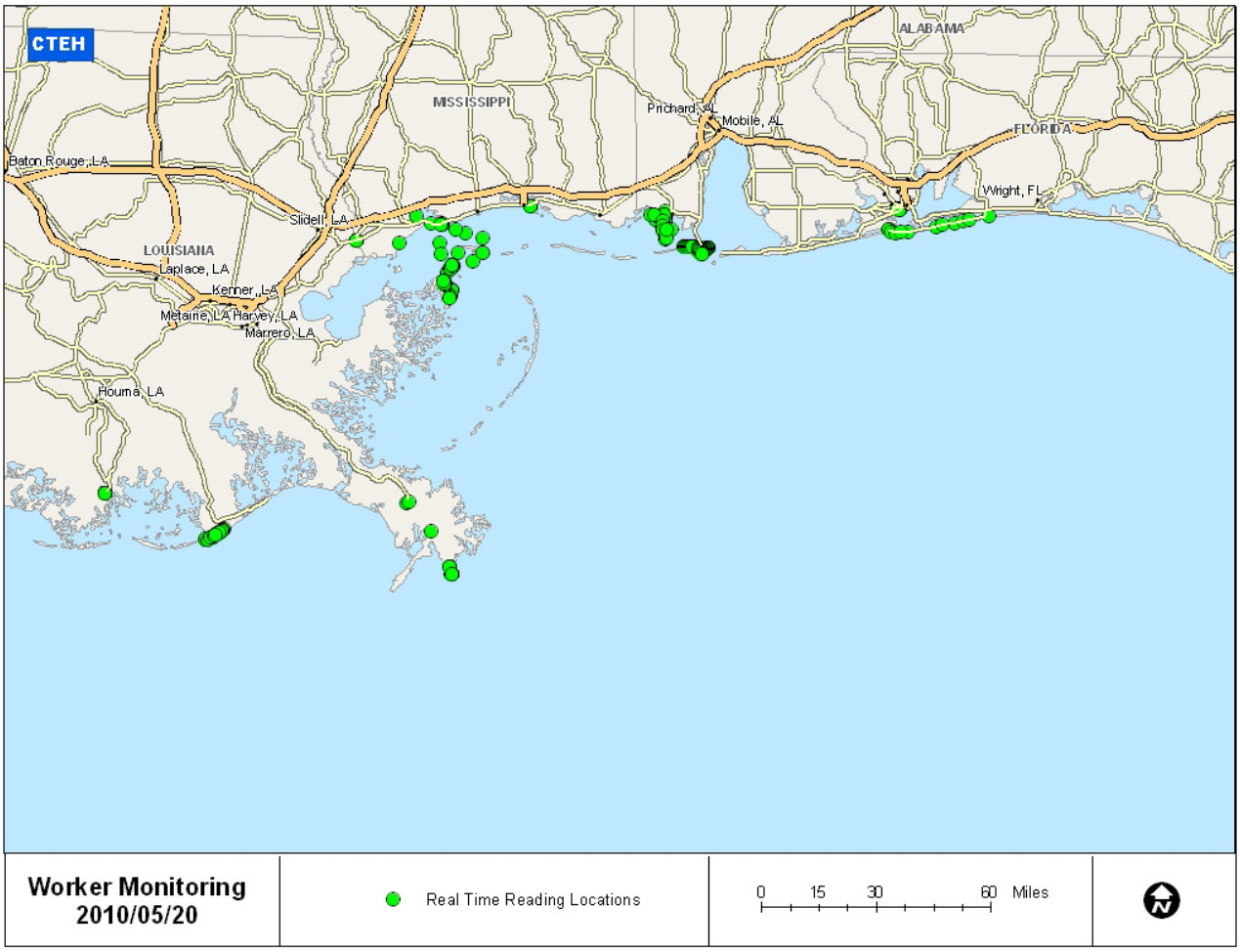
Table 1 Summary of Real-Time Air Monitoring In Work Areas Along the Gulf Coast

Crude Oil Chemicals of Interest	Number of Measurements	Average Concentration (ppm)	Maximum Concentration (ppm)
Volatile Organic Chemicals (VOCs)	285	0	0
Total	285		

Air monitoring results show that crude oil vapors were not detected at the real-time monitored locations. Testing teams also noted the presence or absence of crude oil vapors (Figure 2). There were 41 odor detections. Slight crude oil odors were detected at two locations during boom deployment near the Lake Borene area of Louisiana. One gasoline-like odor was detected near an off-road diesel container at a boom staging site in the Cocodrie Louisiana area, however no workers were present at the time of odor detection. All other odor detections were crude oil odors along beach cleanup areas in Fourchon, Louisiana, however, no worker were present at times of odor detections.

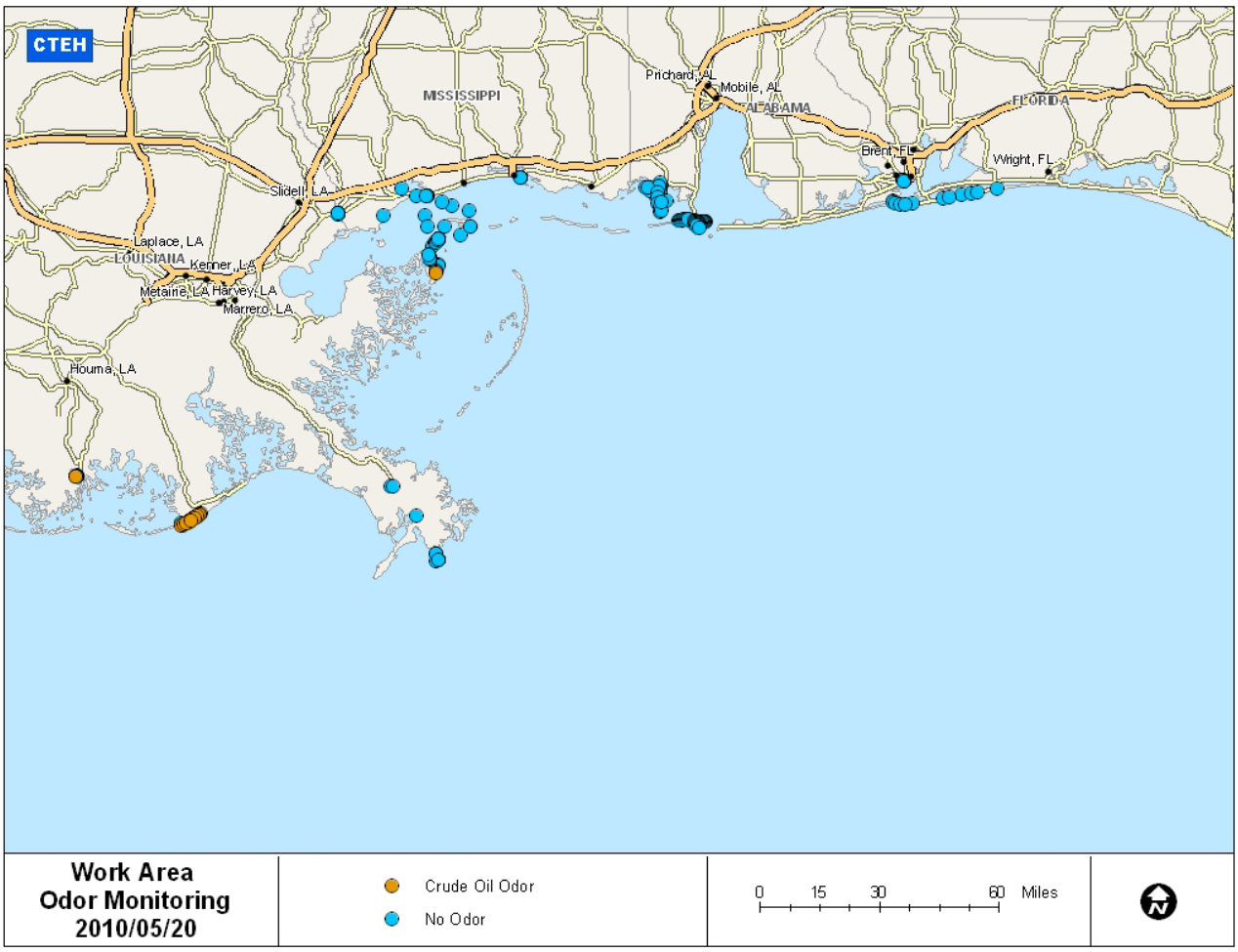
6067537

Figure 1 Map of Real-time IH Air Monitoring Conducted Throughout the Gulf Coast States



Note – green dot shows the locations of air monitoring

Figure 2 – Odor Results



Note – blue dot means no odor detected, orange dot indicates that crude oil odors were detected.