U.S. ENVIRONMENTAL PROTECTION AGENCY
Region VI

Exxon Pipeline Mayflower Arkansas Oil Spill
Summary of Air Monitoring Data
Reporting Period 04/11/2013 08:00 through 04/12/2013 08:00

Table 1 – Summary of Fixed Air Monitoring Locations

Location	Parameter	Count of Readings	Average Concentration	Maximum Detection	Units
ML02	CO	934	0.03	1.8	ppm
	H2S	934	0.02	0.2	ppm
	LEL	934	0	0	%
	OXY	934	20.91	21.4	%
	VOC	934	0	0	ppm
ML03	CO	183204	0.13	2.4	ppm
	H2S	183204	0.002	0.4	ppm
	LEL	183204	0	0.4	%
	OXY	183204	20.90	21.7	%
	VOC	183204	0	0.6	ppm
ML04	CO	1062	0	2.7	ppm
	H2S	1062	0	0	ppm
	LEL	1062	0	0	%
	OXY	1062	21.19	21.4	%
	VOC	1062	0	1	ppm

Table 2 – Summary of Grab Air Monitoring

Location	Parameter	Count of Readings	Number of Detects	Average Concentration	Maximum Detection	Units
Mobile Run	CO	536	110	0.22	0.9	ppm
	H2S	536	0	0	0	ppm
	LEL	536	0	0	0	%
	OXY	536	0	20.9	20.9	%
	VOC	536	0	0	0	ppm

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Table 2 – Summary of Grab Air Monitoring – Continued

Location	Parameter	Count of Readings	Average Concentration	Maximum Detection	Units
ML05	CO	536	0	0	ppm
	H2S	2	0	0	ppm
	LEL	2	0	0	%
	OXY	2	20.9	20.9	%
	VOC	2	0	0	ppm
ML06	CO	2	0	0	ppm
	H2S	2	0	0	ppm
	LEL	2	0	0	%
	OXY	2	20.9	20.9	%
	VOC	2	0	0	ppm
ML07	CO	2	0	0	ppm
	H2S	2	0	0	ppm
	LEL	2	0	0	%
	OXY	2	20.9	20.9	%
	VOC	2	0	0	ppm
ML08	CO	2	0	0	ppm
	H2S	2	0	0	ppm
	LEL	2	0	0	%
	OXY	2	20.9	20.9	%
	VOC	2	0	0	ppm
ML09	CO	2	0	0	ppm
	H2S	2	0	0	ppm
	LEL	2	0	0	%
	OXY	2	20.9	20.9	%
	VOC	2	0	0	ppm
ML10	CO	2	0	0	ppm
	H2S	2	0	0	ppm
	LEL	2	0	0	%
	OXY	2	20.9	20.9	%
	VOC	2	0	0	ppm
ML11	CO	2	0	0	ppm
	H2S	2	0	0	ppm
	LEL	2	0	0	%
	OXY	2	20.9	20.9	%
	VOC	2	0	0	ppm

Table 2 – Summary of Grab Air Monitoring – Continued

Location	Parameter	Count of Readings	Average Concentration	Maximum Detection	Units
ML12	CO	2	0	0	ppm
	H2S	2	0	0	ppm
	LEL	2	0	0	%
	OXY	2	20.9	20.9	%
	VOC	2	0	0	ppm
ML13	CO	2	0	0	ppm
	H2S	2	0	0	ppm
	LEL	2	0	0	%
	OXY	2	20.9	20.9	%
	VOC	2	0	0	ppm

Figure 1 – Fixed Air Monitoring Locations

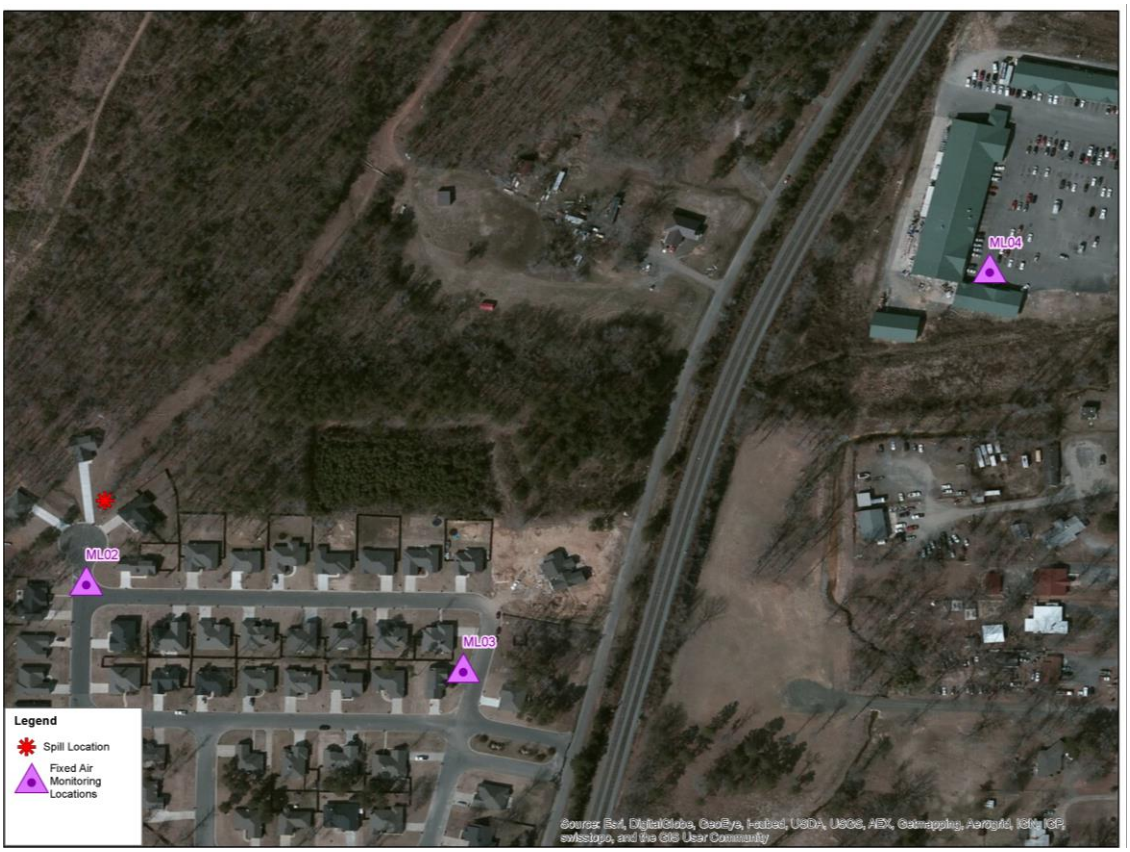

Figure 2 – Grab Air Monitoring Locations