

Table 1-1. Data Gap Summary

No.	Data Gap	Work Plan	Section
1	Characterize the light non-aqueous phase liquid (LNAPL) and dissolved-phase in the groundwater	Groundwater Investigation Work Plan	Sections 1.2.4, 4.2.3, 5.1, 5.2, and 5.3; and Figure 3-1
		LNAPL Containment Interim Measure Work Plan	Sections 5.2.2 and 5.3
		Interim Measures Work Plan	Section 4.6.10 (vadose zone)
		Vadose Zone Investigation Work Plan	Section 5.3
2	Characterize the vertical extent of the dissolved-phase in the groundwater, the effects of vertical gradients, and the geology of the aquifer depths below the water table	Groundwater Investigation Work Plan	Sections 4.2.3, 4.2.4, 5.2, and 5.3
		LNAPL Containment Interim Measure Work Plan	Table 3-1; Sections 5.2.1, 5.2.3, and 6.2.2; and Figures 5-1 and 5-2
		Interim Measures Work Plan	Section 4.6.10 (vadose zone)
		Vadose Zone Investigation Work Plan	Sections 4.2.3 and 5.3
3	Characterize the leading edge and the eastern and western margins of the plumes	Groundwater Investigation Work Plan	Sections 4.2.3, 4.2.4, 5.2, and 5.3; and Figure 3-1
		LNAPL Containment Interim Measure Work Plan	Figures 5-1 and 5-2
4	Groundwater immediately underneath the non-aqueous phase liquid (NAPL)	Groundwater Investigation Work Plan	Sections 4.2.3 and 4.2.4; and Figure 3-1
		LNAPL Containment Interim Measure Work Plan	Sections 1.2, 5.2.5, and 5.3
5	Groundwater quality and distribution	Groundwater Investigation Work Plan	Sections 4.2.4, 5.2, and 5.3
6	Number of wells in the core of contamination	Groundwater Investigation Work Plan	Sections 4.2.3 and 4.2.4; Figure 3-1; and Table 4-1
		LNAPL Containment Interim Measure Work Plan	Figure 5-1
7	Upgradient monitoring locations	Groundwater Investigation Work Plan	Figure 3-1
		LNAPL Containment Interim Measure Work Plan	Figures 5-1 and 5-2

Table 1-1. Data Gap Summary (concluded)

No.	Data Gap	Work Plan	Section
8	Flow direction, velocity, and hydraulic parameters	LNAPL Containment Interim Measure Work Plan	Sections 1.2, 5.2, 6.2.2, and 6.3; and Figures 5-1 and 5-2
		Interim Measures Work Plan	Section 4.6.10
9	Sampling parameters, identify the contaminants of concern (COCs)	Groundwater Investigation Work Plan	Sections 5.1 and 5.2.5; and Table 5-1
		LNAPL Containment Interim Measure Work Plan	Section 1.2, 4.6, and 5.2.2; and Tables 1-1 and 1-2
		Vadose Zone Investigation Work Plan	Sections 1, 4.2.10, 4.2.11, and 5.11
10	The hydraulic conductivity and porosity of the aquifer data gap will be addressed initially with slug testing of six groundwater monitoring wells and all downgradient groundwater monitoring wells. Hydraulic conductivity, including anisotropy, and specific yield and will ultimately be estimated by pumping tests of the two extraction wells and one injection well proposed in the LNAPL Containment Interim Measure Work Plan	Groundwater Investigation Work Plan	Section 5.1 and Table 5-1
		LNAPL Containment Interim Measure Work Plan	Sections 5.2.2 and 6.2.2