

Table 1
NAPL Properties
Basis of Design Report for In Situ Solidification
Hempstead Former MGP Site

Sample ID	Matrix	Temperature (F)	Specific Gravity	Density (g/cc)	Viscosity (cP)
HIMW-6S	DNAPL	70	1.059	1.057	83.4
		100	1.058	1.050	29.9
		130	1.057	1.042	14.6
HIMW-7S	DNAPL	70	1.068	1.065	124.0
		100	1.065	1.058	41.6
		130	1.063	1.048	18.7
HIMW-17S	DNAPL	70	1.043	1.041	58.5
		100	1.040	1.033	23.4
		130	1.038	1.024	11.4
HIMW-1S	DNAPL	70	1.029	1.027	29.3
		100	1.025	1.018	13.6
		130	1.018	1.004	7.5
HIMW-1S	LNAPL	70	0.954	0.952	13.6
		100	0.948	0.942	7.3
		130	0.941	0.928	4.5
HIMW-18S	DNAPL	70	1.057	1.054	178.0
		100	1.052	1.045	57.5
		130	1.047	1.032	24.6
PZ-08	DNAPL	70	1.082	1.079	111.0
		100	1.078	1.071	37.5
		130	1.075	1.059	18.5
HIMW-19S	DNAPL	70	1.072	1.070	55.8
		100	1.063	1.056	19.9
		130	1.060	1.045	11.6
HIMW-16I	DNAPL	70	1.073	1.071	103.0
		100	1.065	1.058	35.4
		130	1.062	1.047	17.0
HIMW-16S	DNAPL	70	1.061	1.059	64.0
		100	1.057	1.050	24.2
		130	1.054	1.039	12.5

DNAPL Dense Non-Aqueous Phase Liquid
LNAPL Light Non-Aqueous Phase Liquid
F degrees fahrenheit
g/cc grams per cubic centimeter
cP centipoise