REFERENCE 1 (Chemicals of Concern)

Matrix	Product(s)	EPA Method 8260B								EDB (EPA Method 8011)	EPA Method 8270C SIM[2] or EPA Method 8310[2]															EPA Method 200.7[2]					EPH[1] (TN EPH Method)
		Benzene	Toluene	Ethylbenzene	Total Xylenes	MtBE	Naphthalene	EDC	EDB		Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	Cadmium	Total Chromium	Total Lead	Silver	Zinc	
Soil	Gasoline	X	X	X	X	X	X																								
	Diesel, Kerosene, Jet Fuel	X	X	X	X	X	X																								X
	Waste Oil						X																								X
	Aviation Fuel	X	X	X	X	X	X	X	X																						X
	Unknown	X	X	X	X	X	X	X	X																						X
Groundwater and Surface Water (Drinking Water Use or Unknown)	Gasoline	X	X	X	X	X	X																								
	Diesel, Kerosene, Jet Fuel	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
	Waste Oil						X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	Aviation Fuel	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X			
	Unknown	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Groundwater (Non-Drinking Water Use)	Gasoline	X	X	X	X	X	X																								
	Diesel, Kerosene, Jet Fuel	X	X	X	X	X	X																								
	Waste Oil						X																								
	Aviation Fuel	X	X	X	X	X	X	X	X																						
	Unknown	X	X	X	X	X	X	X	X																						
Surface Water (Non-Drinking Water Use)[3]	Gasoline	X	X	X																											
	Diesel, Kerosene, Jet Fuel	X	X	X							X		X	X	X	X		X	X	X	X	X	X			X					
	Waste Oil										X		X	X	X	X		X	X	X	X	X	X			X					
	Aviation Fuel	X	X	X				X			X		X	X	X	X		X	X	X	X	X	X			X					
	Unknown	X	X	X				X			X		X	X	X	X		X	X	X	X	X	X			X					

1 - To be included for soil samples prior to Exposure Assessment (i.e., Exposure Assessment is integrated into IRHMR/ISCR)

2 - PAH and metal samples shall be field filtered using a 0.45 micron filter

3 - If surface water is within 0.1 mile from UST contamination/site then groundwater shall also include modified PAHs for anything other than gasoline