Uncertainties for which sampling is required (i.e., to be incorporated into Work Plan).

Area	Uncertainty	Resolution/ Responsibility	Type of info required	Quality	Quantity	Priority
A	What is the extent of contamination at Area A?	Excavate, use confirmation samples to delineate Plan to cleanup to Method Two	Soil samples for COC list: DRO/RRO, PCBs, VOCs			
		If groundwater encountered before excavation is complete	Groundwater samples for COCs that exceed Method Two levels.			
B	Landfill boundaries	Survey landfill	Survey			
	Are there groundwater releases via seeps from Area B/landfill?	Visual inspection to determine possible seeps	Field visual			
			If found, sample discovered seep; likely full suite required due to landfill			
C	If choose to remediate Area C, what is the extent of remediation required?	Extent of soil above Method Two and TSCA levels	Additional soil data for PCBs, DRO/RRO, VOCs either prior to or during removal If sampling conducted prior to removal, need to delineate vertically to groundwater /bedrock			
		Determination if groundwater is impacted at site	Visual evidence of seeps/evaluation of existing data to determine flow pathways Based on this, groundwater samples			

Area	Uncertainty	Resolution/ Responsibility	Type of info required	Quality	Quantity	Priority
			may be needed for PCBs, VOCs			

Veh. Maint Yard	If relinquishing, what is the extent of soil POL contamination for UST area?	Extent of soil above Method Two	Additional soil data for DRO, RRO, GRO, BTEX, PAHs either prior to or during removal. If sampling conducted prior to removal, need to delineate vertically to groundwater /bedrock			
		Determination if groundwater is impacted at site	Visual evidence of seeps/evaluation of existing data to determine flow pathways Minimum one groundwater sample at UST source location for DRO, RRO, GRO, BTEX, PAHs. Based on the sample result and groundwater understanding, additional groundwater samples may be needed for found COCs.			
	Has area west of drum storage area been impacted?	Determine presence of COCs above Method Two levels.	Soil sampling for PCBs, DRO, VOCs using multi-incremental strategy to groundwater/ bedrock; refine spacing as needed based dynamically.			
WAC	Survey WAC landfill					
	If AF is planning to dispose of the land, what is extent of soil contamination?	Extent of soil above Method Two	Additional soil data for PCBs, DRO, RRO, BTEX. (PAHs need to be included w/ DRO sampling where sites are being newly characterized) PCBs to be sampled multi-incrementally			

			If sampling conducted prior to removal, need to delineate vertically to groundwater /bedrock			
		Determination if groundwater is impacted at site	Visual evidence of seeps/evaluation of existing data to determine flow pathways Based on groundwater understanding, additional groundwater samples may be needed for found COCs.			
LPH	Is there likelihood for contamination being left in place?	Determine if any subsurface infrastructure remains and likelihood of contamination	Subsurface survey to determine presence of graded over tanks or structures. Follow on action could include subsurface soil sampling			