

UST SAMPLING SHEET

WATER

COC	Analysis	# of Containers	Container Description	Preservative	Analysis Method	Hold Time (days)	Method Detection Limit
BTEX MtBE Naphthalene EDC (low)	8260b	5	40 ml amber vial	10 drops 1:1 HCl, ice	GC/MS	14	Benzene = 0.001 ppm Naphthalene = 0.002 ppm All others = 0.005 ppm
PAHs	8310 or 8270c SIM	2	Liter amber bottle	None, ice	HPLC-UV/F or GC/MS	7 days to extract / 40 days to analyze	Varies per COC
EPH	TN Method	2	Liter amber bottle	5 ml 1:1 HCl, ice	GC/FID	7 days to extract / 40 days to analyze	0.1 ppm
Metals	207/6010*	1	Liter plastic bottle	5 ml 70% HNO ₃	ICP/AES	6 months	Varies per COC
EDB (Low)	8011	3	40 ml amber vial	10 drops 1:1 HCl, ice	GC/ECD	14	0.01 ppb

SOIL

COC	Analysis	# of Containers	Container Description	Preservative	Analysis Method	Hold Time (days)	Method Detection Limit
BTEX MtBE Naphthalene	8260b	1	4 oz amber jar	None, ice	GC/MS	14	0.002 ppm
EPH	TN Method	1	16 ounce amber jar	None, ice	GC/FID	7 days to extract / 40 days to analyze	~4ppm

UST SAMPLING SHEET

MUNICIPAL DRINKING WATER

COC	Analysis	# of Containers	Container Description	Preservative	Analysis Method	Hold Time (days)	Method Detection Limit
BTEX MtBE Naphthalene EDC (low)	524.2	5	40 ml amber vial	4-8 mg of Na ₂ S ₂ O ₃	GC/MS	14 days	Benzene = 0.001 ppm Naphthalene = 0.002 ppm All others = 0.005 ppm
PAHs	525.2 SIM/ 550	2	Liter amber bottle	50 mg of solid Na ₂ SO ₃ , ice	GC/MS or LC/UV-F	7 days to extract / 40 days to analyze	Varies per COC
EDB (Low)	504.1	5	40 ml amber vial	6 mg of Na ₂ S ₂ O ₃ , ice	GC/ECD	14 days	0.01 ppb
Metals	207/208	1	Liter plastic bottle	5 ml 70% HNO ₃	ICP/AES, ICP/MS	6 months	Varies per COC

AIR

COC	Analysis	# of Containers	Container Description	Preservative	Analysis Method	Hold Time (days)	Method Detection Limit
BTEX MtBE Naphthalene	TO-15	1	Liter/Half-Liter Summa Canister	None	GC/MS	30	Benzene 0.34ppbv; Toluene 0.99ppbv; Ethyl benzene 0.27ppbv; Xylenes 0.76ppbv
BTEX MtBE Naphthalene	TO-15	1	Tedlar Bag	None	GC/MS	72 hrs	Benzene 0.34ppbv; Toluene 0.99ppbv; Ethyl benzene 0.27ppbv; Xylenes 0.76ppbv