

Table 4-1

**Sampling Locations And Rationale
Former Mock Village at Yahoo Lake, Parcel 130Q-X
Site Investigation
Fort McClellan, Calhoun County, Alabama**

Sample Location	Sample Media	Sample Location Rationale
HR-130Q-MW01	Surface soil, subsurface soil, and groundwater	Soil boring and monitoring well for surface soil, subsurface soil, and groundwater samples to be placed on the north side of Parcel 130Q-X. Sample data will indicate if contaminant releases into the environment have occurred from use of this area and if contaminated soil exists at this site. Soil sample data will also be used to assess potential impacts to terrestrial biota that might utilize the site for food and/or habitat purposes. The monitoring well location will be used to establish a local groundwater flow direction and site-specific geology, and provide information on groundwater quality in the residuum aquifer.
HR-130Q-MW02	Surface soil, subsurface soil, and groundwater	Soil boring and monitoring well for surface soil, subsurface soil, and groundwater samples to be placed on the east end of Parcel 130Q-X. Sample data will indicate if contaminant releases into the environment have occurred from use of this area and if contaminated soil exists at this site. Soil sample data will also be used to assess potential impacts to terrestrial biota that might utilize the site for food and/or habitat purposes. The monitoring well location will be used to establish a local groundwater flow direction and site-specific geology, and provide information on groundwater quality in the residuum aquifer.
HR-130Q-MW03	Surface soil, subsurface soil, and groundwater	Soil boring and monitoring well for surface soil, subsurface soil, and groundwater samples to be placed on the southern side of Parcel 130Q-X. Sample data will indicate if contaminant releases into the environment have occurred from use of this area and if contaminated soil exists at this site. Soil sample data will also be used to assess potential impacts to terrestrial biota that might utilize the site for food and/or habitat purposes. The monitoring well location will be used to establish a local groundwater flow direction and site-specific geology, and provide information on groundwater quality in the residuum aquifer.
HR-130Q-MW04	Surface soil, subsurface soil, and groundwater	Soil boring and monitoring well for surface soil, subsurface soil, and groundwater samples to be placed on the southern side of the east-west road through the picnic areas at Yahoo Lake. Sample data will indicate if contaminant releases into the environment have occurred from use of this area and if contaminated soil exists at this site. Soil sample data will also be used to assess potential impacts to terrestrial biota that might utilize the site for food and/or habitat purposes. The monitoring well location will be used to establish a local groundwater flow direction and site-specific geology, and provide information on groundwater quality in the residuum aquifer.
HR-130Q-MW05	Surface soil, subsurface soil, and groundwater	Soil boring and monitoring well for surface soil, subsurface soil, and groundwater samples to be placed on the southern side of the east-west road through the picnic areas at Yahoo Lake. Sample data will indicate if contaminant releases into the environment have occurred from use of this area and if contaminated soil exists at this site. Soil sample data will also be used to assess potential impacts to terrestrial biota that might utilize the site for food and/or habitat purposes. The monitoring well location will be used to establish a local groundwater flow direction and site-specific geology, and provide information on groundwater quality in the residuum aquifer.
HR-130Q-SW/SD01	Surface water, sediment	Sample location on the western side of Yahoo Lake at Parcel 130Q-X. Samples will be collected from near the mouth of the intermittent tributary where it enters Yahoo Lake. Sample data will indicate if contaminant releases have occurred from runoff in the area of Parcel 130Q-X. Sample data will also be used to assess potential impacts to aquatic biota in the stream and other ecological receptors that may utilize that stream for food and/or habitat purposes.
HR-130Q-SW/SD02	Surface water, sediment	Sample location on the southwestern side of Yahoo Lake. Samples will be collected from near the mouth of the intermittent tributary where it enters Yahoo Lake. Sample data will indicate if contaminant releases have occurred from runoff in the area of Parcel 130Q-X. Sample data will also be used to assess potential impacts to aquatic biota in the stream and other ecological receptors that may utilize that stream for food and/or habitat purposes.
HR-130Q-SW/SD03	Surface water, sediment	Sample location on the southern side of Yahoo Lake. Samples will be collected from near the mouth of the intermittent tributary where it enters Yahoo Lake. Sample data will indicate if contaminant releases have occurred from runoff in the area of Parcel 130Q-X. Sample data will also be used to assess potential impacts to aquatic biota in the stream and other ecological receptors that may utilize that stream for food and/or habitat purposes.
HR-130Q-SW/SD04	Surface water, sediment	Sample location on the eastern side of Yahoo Lake. Samples will be collected from near the mouth of the intermittent tributary where it enters Yahoo Lake. Sample data will indicate if contaminant releases have occurred from runoff in the area of Parcel 130Q-X. Sample data will also be used to assess potential impacts to aquatic biota in the stream and other ecological receptors that may utilize that stream for food and/or habitat purposes.
HR-130Q-SW/SD05	Surface water, sediment	Sample location on the lake discharge on the northwestern side of Yahoo Lake. Samples will be collected from downstream of the outfall where Yahoo Lake discharges into Remount Creek. Sample data will indicate if contaminant releases have occurred from outfall of Yahoo Lake in the area of Parcel 130Q-X. Sample data will also be used to assess potential impacts to aquatic biota in the stream and other ecological receptors that may utilize that stream for food and/or habitat purposes.
HR-130Q-SW/SD06	Surface water, sediment	Sample location is in Yahoo Lake at the east end of the lake near the center of Parcel 130Q-X. Sample data will indicate if contaminants reside in the lake as a result of activities conducted at the mock village. Sample data will also be used to assess potential impacts to aquatic biota in the lake and other ecological receptors that may utilize the lake for food and/or habitat purposes.