

Table 3-1

**Sampling Locations And Rationale
Former Trap and Skeet Range, Parcel 127Q
Fort McClellan, Calhoun County, Alabama**

Sample Location	Sample Media	Sample Location Rationale
HR-127Q-MW01	Surface Soil Subsurface Soil Groundwater	Surface soil, subsurface soil, and groundwater samples were collected in the western portion of Parcel 127Q, approximately 75 east of the former trap firing pad to determine if contaminant releases into the environment have occurred from use of this area at the trap firing area and if contaminated media exists at this site.
HR-127Q-MW02	Surface Soil Subsurface Soil Groundwater	Surface soil, subsurface soil, and groundwater samples were collected in the northeastern portion of Parcel 127Q to determine if contaminant releases into the environment have occurred from past use of this area and if contaminated media exists at this site.
HR-127Q-MW03	Surface Soil Subsurface Soil Groundwater	Surface soil, subsurface soil, and groundwater samples were collected near the former skeet pad to determine if contaminant releases into the environment have occurred from use of this area and if contaminated media exists at this site.
HR-127Q-MW04	Surface Soil Subsurface Soil Groundwater	Surface soil, subsurface soil, and groundwater samples were collected near the southeastern corner of Parcel 127Q boundary to determine if contaminant releases into the environment have occurred from use of this area and if contaminated media exists at this site.
HR-127Q-GP01	Surface Soil Subsurface Soil	Surface and subsurface soil samples were collected at the north end of the parcel to determine if contaminant releases into the environment have occurred from use of this area and if contaminated media exists at this site.
HR-127Q-GP02	Surface Soil Subsurface Soil	Surface and subsurface soil samples were collected at the eastern end of the parcel, approximately 100 feet northeast of the former skeet pad to determine if contaminant releases into the environment have occurred from use of this area and if contaminated media exists at this site.
HR-127Q-DEP01	Depositional Soil	A depositional soil sample was collected from a dry surface water drainage (ditch) originating in the center of the parcel and exits the parcel near Signal Street to determine if contaminant releases into the environment have occurred from use of this area and if contaminated media exists at this site.
HR-127Q-DEP02	Depositional Soil	A depositional soil sample was collected from a dry drainage ditch adjacent to the fenceline at Building 1345, just outside the parcel boundary near Signal Street to determine if contaminant releases into the environment have occurred from use of this area and if contaminated media exists at this site.

Table 3-2

**Soil Sample Designations and Analytical Parameters
Former Trap and Skeet Range, Parcel 127Q
Fort McClellan, Calhoun County, Alabama**

Sample Location	Sample Designation	Sample Depth (ft. bgs)	QA/QC Samples			Analytical Parameters
			Field Duplicates	Field Splits	MS/MSD	
HR-127Q-MW01	HR-127Q-MW01-SS-MA0001-REG	0-1			HR-127Q-MW01-SS-MA0001-MS/MSD	TAL Metals, TCL SVOCs, Explosives
	HR-127Q-MW01-DS-MA0002-REG	4-5				
HR-127Q-MW02	HR-127Q-MW02-SS-MA0003-REG	0-1	HR-127Q-MW02-SS-MA0004-FD	HR-127Q-MW02-SS-MA0005-FS		TAL Metals, TCL SVOCs, Explosives
	HR-127Q-MW02-DS-MA0006-REG	8-10				
HR-127Q-MW03	HR-127Q-MW03-SS-MA0007-REG	0-1				TAL Metals, TCL SVOCs, Explosives
	HR-127Q-MW03-DS-MA0008-REG	2-4				
HR-127Q-MW04	HR-127Q-MW04-SS-MA0009-REG	0-1				TAL Metals, TCL SVOCs, Explosives
	HR-127Q-MW04-DS-MA0010-REG	6-7				
HR-127Q-GP01	HR-127Q-GP01-SS-MA0011-REG	0-1				TAL Metals, TCL SVOCs, Explosives
	HR-127Q-GP01-DS-MA0012-REG	6-8				
HR-127Q-GP02	HR-127Q-GP02-SS-MA0013-REG	0-1				TAL Metals, TCL SVOCs, Explosives
	HR-127Q-GP02-DS-MA0014-REG	6-8				
HR-127Q-DEP01	HR-127Q-DEP01-DEP-MA0015-REG	0-0.5				TAL Metals, TCL SVOCs, Explosives
HR-127Q-DEP02	HR-127Q-DEP02-DEP-MA0016-REG	0-0.5				TAL Metals, TCL SVOCs, Explosives

FD - Field duplicate.

FS - Field split.

ft. bgs - Feet below ground surface.

MS/MSD - Matrix spike/matrix spike duplicate.

QA/QC - Quality assurance/quality control.

REG - Field sample.

TAL - Target analyte list.

TCL - Target compound list.

SVOC - Semivolatile organic compound.

Table 3-3

**Monitoring Well Construction Summary
Former Trap and Skeet Range, Parcel 127Q
Fort McClellan, Calhoun County, Alabama**

Well Location	Northing	Easting	Ground Elevation (ft amsl)	TOC Elevation (ft amsl)	Well Depth (ft bgs)	Screen Length (ft)	Screen Interval (ft bgs)	Well Material
HR-127Q-MW01	1176552.57	671315.72	779.52	779.34	25.5	15	10.3 - 25.3	2" ID Sch. 40 PVC
HR-127Q-MW02	1176616.71	671715.45	777.31	776.85	28.7	15	13.5 - 28.5	2" ID Sch. 40 PVC
HR-127Q-MW03	1176427.08	671485.18	774.40	774.17	21.8	15	6.6 - 21.6	2" ID Sch. 40 PVC
HR-127Q-MW04	1176246.13	671624.56	774.46	774.13	31.2	15	16 - 31	2" ID Sch. 40 PVC

Permanent wells installed using hollow-stem auger.

Horizontal coordinates referenced to the U.S. State Plane Coordinate System, Alabama East Zone, North American Datum of 1983 (NAD83).

Elevations referenced to the North American Vertical Datum of 1988 (NAVD88).

2" ID Sch. 40 PVC - 2-inch inside diameter, Schedule 40, polyvinyl chloride.

bgs - Below ground surface.

ft - Feet.

amsl - Above mean sea level.

Table 3-4

**Groundwater Elevations
Former Trap and Skeet Range, Parcel 127Q
Fort McClellan, Calhoun County, Alabama**

Well Location	Date	Depth to Water (ft BTOC)	Top of Casing Elevation (ft amsl)	Ground Elevation (ft amsl)	Groundwater Elevation (ft amsl)
HR-127Q-MW01	13-Jun-01	10.95	779.34	779.52	768.39
HR-127Q-MW02	13-Jun-01	6.30	776.85	777.31	770.55
HR-127Q-MW03	13-Jun-01	3.53	774.17	774.40	770.64
HR-127Q-MW04	13-Jun-01	9.79	774.13	774.46	764.34

Elevations referenced to the North American Vertical Datum of 1988 (NAVD88).

BTOC - Below top of casing.

ft - Feet.

amsl - Above mean sea level.

Table 3-5

**Groundwater Sample Designations and Analytical Parameters
Former Trap and Skeet Range, Parcel 127Q
Fort McClellan, Calhoun County, Alabama**

Sample Location	Sample Designation	QA/QC Samples		Analytical Parameters
		Field Duplicates	MS/MSD	
HR-127Q-MW01	HR-127Q-MW01-GW-MA3001-REG		HR-127Q-MW01-GW-MA3001-MS/MSD	TAL Metals, TCL SVOCs, Explosives
HR-127Q-MW02	HR-127Q-MW02-GW-MA3002-REG			TAL Metals, TCL SVOCs, Explosives
HR-127Q-MW03	HR-127Q-MW03-GW-MA3003-REG	HR-127Q-MW03-GW-MA3004-FD		TAL Metals, TCL SVOCs, Explosives
HR-127Q-MW04	HR-127Q-MW04-GW-MA3006-REG			TAL Metals, TCL SVOCs, Explosives

Groundwater samples were collected from the approximate midpoint of the saturated screened interval of the monitoring well.

FD - Field duplicate.

MS/MSD - Matrix spike/matrix spike duplicate.

QA/QC - Quality assurance/quality control.

REG - Field sample.

TAL - Target analyte list.

TCL - Target compound list.

SVOC - Semivolatile organic compound.

Table 3-6

**Groundwater Field Parameters
Former Trap and Skeet Range, Parcel 127Q
Fort McClellan, Calhoun County, Alabama**

Sample Location	Sample Date	Specific Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Temperature (°C)	Turbidity (NTU)	pH (SU)
HR-127Q-MW01	4-Apr-01	1.42	9.11	75	18.1	5	6.73
HR-127Q-MW02	2-Apr-01	1.30	9.16	130	18.0	5	6.76
HR-127Q-MW03	4-Apr-01	1.20	9.79	175	16.9	9	6.71
HR-127Q-MW04	2-Apr-01	2.05	9.19	85	17.4	8	6.65

°C - Degrees Celsius.

mg/L - Milligrams per liter.

mS/cm - Millisiemens per centimeter.

mV - Millivolts.

NTU - Nephelometric turbidity units.

ORP - Oxidation-reduction potential.

SU - Standard units.