

Table 4-5

**Analytical Samples  
Former Motor Pool Area 1300, Parcel 148(7)  
Fort McClellan, Calhoun County, Alabama**

Parameters	Analysis Method	Sample Matrix	TAT Needed	Field Samples			QA/QC Samples <sup>(1)</sup>					Quanterra	QA Lab
				No. of Sample Points	No. of Events	No. of Field Samples	Field Dups (10%)	Splits w/ QA Lab (10%)	MS/MSD (5%)	Trip Blank (1/ship)	Eq. Rinse (1/wk/matrix)	Total No. Analysis	Total No. Analysis
<b>Parcel 148(7) Former Motor Pool Area 1300: 9 groundwater, 2 surface water, 15 surface soil, 9 subsurface soil, 2 sediment, 1 depositional soil</b>													
TCL VOCs	8260B	water	normal	10	1	10	1	1	1	3	1	17	1
TCL SVOCs	8270C	water	normal	10	1	10	1	1	1		1	14	1
CI Pesticides	8081A	water	normal	10	1	10	1	1	1		1	14	1
PCBs	8082	water	normal	10	1	10	1	1	1		1	14	1
OP Pesticides	8141A	water	normal	10	1	11	1	1	1		1	15	1
CI Herbicides	8151A	water	normal	10	1	11	1	1	1		1	15	1
Tot. TAL Metals	6010B/7000	water	normal	10	1	11	1	1	1		1	15	1
TCL VOCs	8260B	soil	normal	26	1	26	3	3	1		1	32	1
TCL SVOCs	8270C	soil	normal	26	1	26	3	3	1		1	32	1
CI Pesticides	8081A	soil	normal	26	1	26	3	3	1		1	32	1
PCBs	8082	soil	normal	26	1	26	3	3	1		1	32	1
OP Pesticides	8141A	soil	normal	26	1	26	3	3	1		1	32	1
CI Herbicides	8151A	soil	normal	26	1	26	3	3	1		1	32	1
TAL Metals	6010B/7000	soil	normal	26	1	26	3	3	1		1	32	1
TOC	9060	Sediment	normal	2	1	2						2	0
Grain Size	ASTM D-421/D-422	Sediment	normal	2	1	2						2	0
Former Motor Pool Area 1300 Subtotal:				259	28	28	14	3	14	332	14		

<sup>(1)</sup> Field duplicate, QA split, and MS/MSD samples were calculated as a percentage of the field samples collected per site and were rounded up to the nearest whole number. .  
 Trip blank samples will be collected in association with water matrix samples for VOC analysis only. Assumed 4 field samples per day to estimate trip blanks.  
 Equipment blanks will be collected once per event whenever sampling equipment is field decontaminated and re-used. They will be repeated weekly for sampling events that are anticipated to last more than 1 week.  
 Assumed 20 field samples will be collected per week to estimate number of equipment blanks.

Ship samples to:

Quanterra Environmental Services  
 5815 Middlebrook Pike  
 Knoxville, Tennessee 37921  
 Attn: John Reynolds  
 Tel: 423-588-6401  
 Fax: 423-584-4315

USACE Laboratory split samples  
 are shipped to:

USACE South Atlantic Division Laboratory  
 Attn: Sample Receiving  
 611 South Cobb Drive  
 Marietta, Georgia 30060-3112  
 Tel: 707-919-5270

QA/QC - Quality assurance/quality control.  
 MS/MSD - Matrix spike/matrix spike duplicate.  
 SVOC - Semivolatile organic compound.  
 TAL - Target analyte list.  
 USACE - U.S. Army Corps of Engineers.  
 VOC - Volatile organic compound.