

Table 3-1

**Sampling Locations and Rationale
Golf Course, Parcels 178(7), 83(7), and 141(7)
Fort McClellan, Calhoun County, Alabama**

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Sample Location	Sample Media	Sample Location Rationale
PPMP-178-SS01	Surface soil	A surface soil sample was collected north of Baltzell Gate Road near the intersection with 13th Avenue to indicate if contaminant releases have occurred and if the surface soil is contaminated from historical application of chemicals to maintain the golf course greens, fairways and lawns.
PPMP-178-SS02	Surface soil	A surface soil sample was collected west of 10th Street near Cane Creek to indicate if contaminant releases have occurred and if the surface soil is contaminated from historical application of chemicals to maintain golf course greens, fairways and lawns.
PPMP-178-SS03	Surface soil	A surface soil sample was collected south of 6th Avenue near the 6th Avenue and 10th Street intersection to indicate if contaminant releases have occurred and if the surface soil is contaminated from the historical application of chemicals to maintain the golf course greens, fairways and lawns.
PPMP-178-SS04	Surface soil	A surface soil sample was collected near the fairway close to the tree-line that parallels Cane Creek east of Galloway Road to indicate if contaminant releases have occurred and if surface soil is contaminated from historical application of chemicals to maintain the golf course greens, fairways and lawns.
PPMP-178-SS05	Surface soil	A surface soil sample was collected between the golf cart path and 13th Avenue south of the intersection of 13th Avenue and Baltzell Gate Road to indicate if contaminant releases have occurred and if surface soil is contaminated from historical application of chemicals to maintain the golf course greens, fairways and lawns.
PPMP-178-SS06	Surface soil	A surface soil sample was collected between 13th Avenue and Remount Creek near the southern-most end of the Golf Course to indicate if contaminant releases have occurred and if the surface soil is contaminated from historical application of chemicals to maintain the golf course greens, fairways and lawns.
PPMP-178-SS07	Surface soil	A surface soil sample was collected west of Galloway Road and north of the golf cart path near the intersection of Galloway Road and Baltzell Gate Road to indicate if contaminant releases have occurred and if surface soil is contaminated from historical application of chemicals to maintain the golf course greens, fairways and lawns.
PPMP-178-SS08	Surface soil	A surface soil sample was collected further west of Galloway Road (west of PPMP-178-SS07) and north of the golf cart path near the intersection of Galloway Road and Baltzell Gate Road in the western-most portion of the Golf course to indicate if contaminant releases have occurred and if surface soil is contaminated from historical application of chemicals to maintain golf course greens, fairways and lawns.
PPMP-178-SS09	Surface soil	A surface soil sample was collected north of Cane Creek near the parcel boundary in the western-most portion of the Golf Course to indicate if contaminant releases have occurred and if surface soil is contaminated from historical application of chemicals to maintain golf course greens, fairways and lawns.
PPMP-178-SS10	Surface soil	A surface soil sample was collected east of the golf cart path, between the path and Galloway Road to indicate if contaminant releases have occurred and if surface soil is contaminated from historical application of chemicals to maintain golf course greens, fairways and lawns.
PPMP-178-SS11	Surface soil	A surface soil samples was collected slightly north of a sand-trap near the northwestern boundary to indicate if contaminant releases have occurred and if surface soil is contaminated from historical application of chemicals to maintain golf course greens, fairways and lawns.
PPMP-178-SS12	Surface soil	A surface soil sample was collected from the northern-most portion of the parcel to indicate if contaminant releases have occurred and if surface soil is contaminated from historical applications of chemicals to maintain golf course greens, fairways and lawns.
PPMP-178-SW/SD01	Surface Water Sediment	Surface water and sediment samples were collected from Cane Creek west of Galloway Road between the bridges to indicate if contaminant releases have occurred and if surface soil is contaminated from historical application of chemicals to maintain golf course greens, fairways and lawns.
PPMP-178-SW/SD02	Surface water Sediment	Surface water and sediment samples were collected from Cane Creek adjacent to a bridge in the eastern portion of the parcel to indicate if contaminant releases have occurred and if surface soil is contaminated from historical application of chemicals to maintain golf greens, fairways and lawns.
PPMP-178-SW/SD03	Surface water Sediment	Surface water and sediment samples were collected from Cane Creek at the western-most portion of the site near the site boundary to indicate if contaminant releases have occurred and if surface soil is contaminated from historical application of chemicals to maintain golf course greens, fairways and lawns.

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Sample Location	Sample Media	Sample Location Rationale
PPMP-178-SW/SD04	Surface water Sediment	Surface water and sediment samples were collected from Remount Creek near the intersection of Baltzell Gate Road and 13th Avenue to indicate if contaminant releases have occurred and if surface soil is contaminated from historical application of chemicals to maintain golf course greens, fairways and lawns.
PPMP-178-SW/SD05	Surface water Sediment	Surface water and sediment samples were collected from Remount Creek in the southern-most portion of the site to indicate if contaminant releases have occurred and if surface soil is contaminated from historical application of chemicals to maintain golf course greens, fairways and lawns.
SI07-SS01	Surface Soil Subsurface Soil	Surface and subsurface soil samples were collected at the former pesticide storage/mix facility to indicate if contaminants have been released into soils from past activities.
SI07-SS02	Surface Soil Subsurface Soil	Surface and subsurface soil samples were collected at the former pesticide storage/mix facility to indicate if contaminants have been released into soils from past activities.
SI07-SS03	Surface Soil Subsurface Soil	Surface and subsurface soil samples were collected at the former pesticide storage/mix facility to indicate if contaminants have been released into soils from past activities.
SI07-SS04	Surface Soil Subsurface Soil	Surface and subsurface soil samples were collected at the current pesticide storage/mix facility to indicate if contaminants have been released into soils from past activities.
SI07-SS05	Surface Soil Subsurface Soil	Surface and subsurface soil samples were collected at the current pesticide storage/mix facility to indicate if contaminants have been released into soils from past activities.
SI07-SS06	Surface Soil Subsurface Soil	Surface and subsurface soil samples were collected at the current pesticide storage/mix facility to indicate if contaminants have been released into soils from past activities.
SI07-SS07	Surface Soil	A surface soil sample was collected at the current pesticide storage/mix facility to indicate if contaminants have been released into soils from past activities.
GSBP-83-MW01	Groundwater	A permanent monitoring well was installed and groundwater samples were collected at the current pesticide storage/mix facility to indicate if contaminants have been released into groundwater from site activities.
GSBP-83-MW02	Groundwater	A permanent monitoring well was installed and groundwater samples were collected at the current pesticide storage/mix facility to indicate if contaminants have been released into groundwater from site activities.
SI07-GWS01B ^a	Groundwater	A temporary well was installed and groundwater samples were collected at the former pesticide storage/mix facility to indicate if contaminants from past activities have been released to groundwater.
SI07-GWS02	Groundwater	A temporary well was installed and groundwater samples were collected at the former pesticide storage/mix facility to indicate if contaminants from past activities have been released to groundwater.
SI07-GWS05	Groundwater	A temporary well was installed and groundwater samples were collected at the current pesticide storage/mix facility to indicate if contaminants from past activities have been released to groundwater.

^a Temporary monitoring well SI07-GWS01 was abandoned. GWS01B was an offset temporary replacement well.

Table 3-2

**Soil Sample Designations and QA/QC Samples
Golf Course, Parcels 178(7), 83(7), and 141(7)
Fort McClellan, Calhoun County, Alabama**

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Sample Location	Sample Designation	Sample Depth (ft. bgs)	QA/QC Samples			Analytical Suite
			Field Duplicates	Field Splits	MS/MSD	
PPMP-178-SS01	PPMP-178-SS01-SS-KA0001-REG PPMP-178-SS01-SS-KA0001R-REG ^a	0-1				Chlorinated Pesticides, Organophosphorus Pesticides, Chlorinated Herbicides, TAL Metals, Anions
PPMP-178-SS02	PPMP-178-SS02-SS-KA0002-REG PPMP-178-SS02-SS-KA0002R-REG ^a	0-1				Chlorinated Pesticides, Organophosphorus Pesticides, Chlorinated Herbicides, TAL Metals, Anions
PPMP-178-SS03	PPMP-178-SS03-SS-KA0003-REG PPMP-178-SS03-SS-KA0003R-REG ^a	0-1				Chlorinated Pesticides, Organophosphorus Pesticides, Chlorinated Herbicides, TAL Metals, Anions
PPMP-178-SS04	PPMP-178-SS04-SS-KA0004-REG PPMP 178-SS04-SS-KA0004R-REG ^a	0-1				Chlorinated Pesticides, Organophosphorus Pesticides, Chlorinated Herbicides, TAL Metals, Anions
PPMP-178-SS05	PPMP-178-SS05-SS-KA0005-REG PPMP 178-SS05-SS-KA0005R-REG ^a	0-1				Chlorinated Pesticides, Organophosphorus Pesticides, Chlorinated Herbicides, TAL Metals, Anions
PPMP-178-SS06	PPMP-178-SS06-SS-KA0006-REG PPMP-178-SS06-SS-KA0006R-REG ^a	0-1				Chlorinated Pesticides, Organophosphorus Pesticides, Chlorinated Herbicides, TAL Metals, Anions
PPMP-178-SS07	PPMP-178-SS07-SS-KA0007-REG PPMP-178-SS07-SS-KA0007R-REG ^a	0-1				Chlorinated Pesticides, Organophosphorus Pesticides, Chlorinated Herbicides, TAL Metals, Anions
PPMP-178-SS08	PPMP-178-SS08-SS-KA0008-REG	0-1				Chlorinated Pesticides, Organophosphorus Pesticides, Chlorinated Herbicides, TAL Metals, Anions
PPMP-178-SS09	PPMP-178-SS09-SS-KA0009-REG	0-1				Chlorinated Pesticides, Organophosphorus Pesticides, Chlorinated Herbicides, TAL Metals, Anions
PPMP-178-SS10	PPMP-178-SS10-SS-KA0010-REG	0-1				Chlorinated Pesticides, Organophosphorus Pesticides, Chlorinated Herbicides, TAL Metals, Anions
PPMP-178-SS11	PPMP-178-SS11-SS-KA0011-REG	0-1	PPMP-178-SS11-SS-KA0012-FD	PPMP-178-SS11-SS-KA0013-FS		Chlorinated Pesticides, Organophosphorus Pesticides, Chlorinated Herbicides, TAL Metals, Anions
PPMP-178-SS12	PPMP-178-SS12-SS-KA0014-REG	0-1			PPMP-178-SS12-SS-KA0014-MS PPMP-178-SS12-SS-KA0014-MSD	Chlorinated Pesticides, Organophosphorus Pesticides, Chlorinated Herbicides, TAL Metals, Anions
S107-SS01	07-SS01A	0-1	07-SS01ADUP			Chlorinated Pesticides, Chlorinated Herbicides, Organophosphorus Pesticides, TAL Metals, TCL VOCs, TCL SVOCs, TOC
	07-SS01B	3-4				Chlorinated Pesticides, Chlorinated Herbicides, Organophosphorus Pesticides, PCBs, TAL Metals, TCL VOCs, TCL SVOCs, TOC
S107-SS02	07-SS02A	0-1	07-SS02ADUP			Chlorinated Pesticides, Chlorinated Herbicides, Organophosphorus Pesticides, TAL Metals, TCL VOCs, TCL SVOCs, TOC

Table 3-2

**Soil Sample Designations and QA/QC Samples
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Sample Location	Sample Designation	Sample Depth (ft. bgs)	QA/QC Samples			Analytical Suite
			Field Duplicates	Field Splits	MS/MSD	
	07-SS02B	3-4				Chlorinated Pesticides, Chlorinated Herbicides, Organophosphorus Pesticides, PCBs, TAL Metals, TCL VOCs, TCL SVOCs, TOC
S107-SS03	07-SS03A	0-1				Chlorinated Pesticides, Chlorinated Herbicides, Organophosphorus Pesticides, TAL Metals, TCL VOCs, TCL SVOCs, TOC
	07-SS03B	3-4				Chlorinated Pesticides, Chlorinated Herbicides, Organophosphorus Pesticides, PCBs, TAL Metals, TCL VOCs, TCL SVOCs, TOC
S107-SS04	07-SS04A	0-1				Chlorinated Pesticides, Chlorinated Herbicides, Organophosphorus Pesticides, TAL Metals, TCL VOCs, TCL SVOCs, TOC
	07-SS04B	3-4				Chlorinated Pesticides, Chlorinated Herbicides, Organophosphorus Pesticides, PCBs, TAL Metals, TCL VOCs, TCL SVOCs, TOC
S107-SS05	07-SS05A	0-1				Chlorinated Pesticides, Chlorinated Herbicides, Organophosphorus Pesticides, TAL Metals, TCL VOCs, TCL SVOCs, TOC
	07-SS05B	3-4				Chlorinated Pesticides, Chlorinated Herbicides, Organophosphorus Pesticides, PCBs, TAL Metals, TCL VOCs, TCL SVOCs, TOC
S107-SS06	07-SS06A	0-1				Chlorinated Pesticides, Chlorinated Herbicides, Organophosphorus Pesticides, TAL Metals, TCL VOCs, TCL SVOCs, TOC
	07-SS06B	3-4				Chlorinated Pesticides, Chlorinated Herbicides, Organophosphorus Pesticides, PCBs, TAL Metals, TCL VOCs, TCL SVOCs, TOC
S107-SS07	07-SS07	0-1				Chlorinated Pesticides, Chlorinated Herbicides, Organophosphorus Pesticides, TAL Metals, TCL VOCs, TCL SVOCs, TOC

^a Sample recollected and reanalyzed for organophosphorus pesticides because of laboratory QA/QC exceedances.

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.

PCB - Polychlorinated biphenyls.

TAL - Target analyte list.

TCL - Target compound list.

TOC - Total organic carbon.

VOC - Volatile organic compound.

SVOC - Semivolatile organic compound.