

Table 3-1

**Sampling Locations and Rationale
Contractor Laydown Area and Former Tar Plant Parcels 86(7), 99(7) and 32(7)
Fort McClellan, Calhoun County, Alabama**

(Page 1 of 2)

Sample Location	Sample Media	Sample Location Rationale
Contractor Laydown Area, Parcel 86(7) - QST Parcel SI10		
SI10-GWS01 (SI10-SS10)	Surface Soil Groundwater	Surface soil and groundwater samples were collected at the southern corner of the storage area, south of the Former Tar Plant.
SI10-SS01	Surface Soil Subsurface Soil	Surface and subsurface soil samples were collected upslope and east of the Former Tar Plant.
SI10-SS02	Surface Soil Subsurface Soil	Surface and subsurface soil samples were collected at the southern corner of the storage area, south of the Former Tar Plant.
SI10-SS03	Surface Soil Subsurface Soil	Surface and subsurface soil samples were collected in the northwestern portion of the Contractor Laydown Area.
SI10-SS04	Surface Soil Subsurface Soil	Surface and subsurface soil samples were collected along the center of the eastern boundary of the areas of investigation.
SI10-SS05	Surface Soil Subsurface Soil	Surface and subsurface soil samples were collected along the center of the western boundary of the areas of investigation.
SI10-SS06	Surface Soil Subsurface Soil	Surface and subsurface soil samples were collected along the center of the eastern boundary of the Contractor Laydown Area.
SI10SS07	Surface Soil Subsurface Soil	Surface and subsurface soil samples were collected near the center of the Contractor Laydown Area, adjacent to the railroad tracks.
SI10-SS08	Surface Soil Subsurface Soil	Surface and subsurface soil samples were collected near the southeastern corner of the parcel boundary for the Contractor Laydown Area, east of the railroad tracks.
SI10-SS09	Surface Soil	A surface soil sample was collected at the southeastern corner of the storage area, located in the northernmost section of the Contractor Laydown Area.
SI10-SS11	Surface Soil	A surface soil sample was collected in the north and center section of the parcel boundary for the Contractor Laydown Area.
SI10-SS12	Surface Soil	A surface soil sample was collected in the center section of the Contractor Laydown Area.
SI10-SS13	Surface Soil	A surface soil sample was collected along the western boundary of the Contractor Laydown Area.
SI10-SS14	Surface Soil	A surface soil sample was collected near the southeastern corner of the parcel boundary for the Contractor Laydown Area, north of the railroad tracks.
SI10-SS15	Surface Soil	A surface soil sample was collected in the southern section of the Contractor Laydown Area.
SI10-SS16	Surface Soil	A surface soil sample was collected in the center of the southern parcel boundary for the Contractor Laydown Area.
SI10-SS17	Surface Soil	A surface soil sample was collected in the southern-most corner of the parcel boundary for the Contractor Laydown Area.
SI10-SW/SED01	Surface Water Sediment	Surface water and sediment samples were collected on the center of the eastern boundary of the areas of investigation.
SI10-SWSED02	Surface Water Sediment	Surface water and sediment samples were collected on the center of the western boundary of the areas of investigation.
GSPB-86-MW01	Groundwater	A groundwater sample was collected in the northwestern portion of the Contractor Laydown Area.

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(Page 2 of 2)

Sample Location	Sample Media	Sample Location Rationale
Contractor Laydown Area, Parcel 86(7) - QST Parcel SI10 (Continued)		
GSBP-86-MW02	Groundwater	A groundwater sample was collected near the center of the eastern boundary of the parcel.
GSBP-86-MW03	Groundwater	A groundwater sample was collected near center of the western boundary of the parcel.
GSBP-86-MW04	Groundwater	A groundwater sample was collected near the center of the Contractor Laydown Area, near the railroad.
GSBP-86-MW05	Groundwater	A groundwater sample was collected along the western boundary for the Contractor Laydown Area, adjacent to the tree line.
GSBP-86-MW06	Groundwater	A groundwater sample was collected near the southeastern corner of the parcel boundary for the Contractor Laydown Area, east of the railroad tracks.
GSBP-86-MW07	Groundwater	A groundwater sample was collected near the southwestern corner of the parcel boundary for the Contractor Laydown Area.
Former Tar Plant, Parcels 99(7) and 32(7) - QST Parcel SI09		
SI09-GWS01 (SI09-SS09)	Surface Soil Groundwater	Surface soil and groundwater samples were collected upgradient and east of the Former Tar Plant.
SI09-GWS02 (SI09-SS01)	Surface Soil Subsurface Soil Groundwater	Surface soil, subsurface soil, and groundwater samples were collected downgradient at the northeast corner of the Former Tar Plant.
SI09-GWS03 (SI09-SS02)	Surface Soil Subsurface Soil Groundwater	Surface soil, subsurface soil, and groundwater samples were collected downgradient and north of Building 4437 at the Former Tar Plant.
SI09-GWS04 (SI09-SS07)	Surface Soil Groundwater	Surface soil and groundwater samples were collected downgradient and northwest of the Former Tar Plant.
SI09-SS03	Subsurface Soil	Two subsurface soil samples were collected from a soil boring adjacent to and south of Building 4437 at the Former Tar Plant.
SI09-SS04	Surface Soil	A surface soil sample was collected in the center portion of the Storage Area, upslope and south of Building 4437 at the Former Tar Plant.
SI09-SS05	Surface Soil	A surface soil sample was collected downslope and northwest of Building 4437 at the Former Tar Plant.
SI09-SS06	Surface Soil	A surface soil sample was collected in the northwest corner of Parcel 86(7), downslope of Building 4437 at the Former Tar Plant.
SI09-SS08	Surface Soil	A surface soil sample was collected in the northern portion of Parcel 86(7), north of Building 4437 at the Former Tar Plant.
SI09-SW/SED01	Surface Water Sediment	Surface water and sediment samples were collected upstream and east of the Former Tar Plant.
SI09-SW/SED02	Surface Water Sediment	Surface water and sediment samples were collected downstream and northwest of the Former Tar Plant.
SI09-SW/SED03	Surface Water Sediment	Surface water and sediment samples were collected southwest of the Storage Area, upstream of the Former Tar Plant and downstream of the Contractor Laydown Area.
GSBP-99-GP01	Surface Soil	A surface soil sample was collected southwest of Building 4437 at the Former Tar Plant.
GSBP-99-GP02	Surface Soil	A surface soil sample was collected downslope and northwest of Building 4437 at the Former Tar Plant.
GSBP-99-MW01	Groundwater	A groundwater sample was collected downgradient and north of Building 4437 at the Former Tar Plant.
GSBP-99-MW02	Groundwater	A groundwater sample was collected downgradient and northwest of Building 4437 at the Former Tar Plant.

Table 3-2

**Soil Sample Designations and QA/QC Samples
Contractor Laydown Area and Former Tar Plant, Parcels 86(7), 99(7), and 32(7)
Fort McClellan, Calhoun County, Alabama**

(Page 1 of 3)

Sample Location	Sample Designation	Sample Depth (ft. bgs)	QA/QC Samples			Analytical Suite
			Field Duplicates	Field Splits	MS/MSD	
Contractor Laydown Area, Parcel 86(7) - QST Parcel SI10						
SI10-SS01	10-SS01A	0 - 1				TCL VOCs, TCL SVOCs, TAL Metals, Pesticides/PCBs
	10-SS01B	3 - 5				TCL VOCs, TCL SVOCs, TAL Metals, TOC
SI10-SS02	10-SS02A	0 - 1				TCL VOCs, TCL SVOCs, TAL Metals, Pesticides/PCBs
	10-SS02B	3 - 5				TCL VOCs, TCL SVOCs, TAL Metals, TOC
SI10-SS03	10-SS03A	0 - 1	10-SS03A-FD			TCL VOCs, TCL SVOCs, TAL Metals, Pesticides/PCBs, TOC
	10-SS03B	3 - 5				TCL VOCs, TCL SVOCs, TAL Metals, TOC
SI10-SS04	10-SS04A	0 - 1	10-SS04A-FD			TCL VOCs, TCL SVOCs, TAL Metals, Pesticides/PCBs, TOC
	10-SS04B	3 - 5				TCL VOCs, TCL SVOCs, TAL Metals, TOC
SI10-SS05	10-SS05A	0 - 1				TCL VOCs, TCL SVOCs, TAL Metals, Pesticides/PCBs
	10-SS05B	3 - 5				TCL VOCs, TCL SVOCs, TAL Metals
SI10-SS06	10-SS06A	0 - 1				TCL VOCs, TCL SVOCs, TAL Metals, Pesticides/PCBs
	10-SS06B	3 - 5				TCL VOCs, TCL SVOCs, TAL Metals
SI10-SS07	10-SS07A	0 - 1				TCL VOCs, TCL SVOCs, TAL Metals, Pesticides/PCBs
	10-SS07B	3 - 5				TCL VOCs, TCL SVOCs, TAL Metals
SI10-SS08	10-SS08A	0 - 1				TCL VOCs, TCL SVOCs, TAL Metals, Pesticides/PCBs, TOC
	10-SS08B	3 - 5				TCL VOCs, TCL SVOCs, TAL Metals, TOC
SI10-SS09	10-SS09	0 - 1				TCL VOCs, TCL SVOCs, TAL Metals, Pesticides/PCBs
SI10-GWS01 (SI10-SS10)	10-SS10	0 - 1				TCL VOCs, TCL SVOCs, TAL Metals, Pesticides/PCBs
SI10-SS11	10-SS11	0 - 1				TCL VOCs, TCL SVOCs, TAL Metals, Pesticides/PCBs
SI10-SS12	10-SS12	0 - 1				TCL VOCs, TCL SVOCs, TAL Metals, Pesticides/PCBs

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(Page 2 of 3)

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			Field Duplicates	Field Splits	MS/MSD	
Contractor Laydown Area, Parcel 86(7) - QST Parcel SI10 (Continued)						
SI10-SS13	10-SS13	0 - 1				TCL VOCs, TCL SVOCs, TAL Metals, Pesticides/PCBs
SI10-SS14	10-SS14	0 - 1				TCL VOCs, TCL SVOCs, TAL Metals, Pesticides/PCBs
SI10-SS15	10-SS15	0 - 1				TCL VOCs, TCL SVOCs, TAL Metals, Pesticides/PCBs
SI10-SS16	10-SS16	0 - 1				TCL VOCs, TCL SVOCs, TAL Metals, Pesticides/PCBs
SI10-SS17	10-SS17	0 - 1				TCL VOCs, TCL SVOCs, TAL Metals, Pesticides/PCBs
Former Tar Plant, Parcels 99(7) and 32(7) - QST Parcel SI09						
SI09-GWS02 (SI09-SS01)	09-SS01A	0 - 1				TCL VOCs, TCL SVOCs, TAL Metals, PCBs, TOC
	09-SS01B	3 - 5				TCL VOCs, TCL SVOCs, TAL Metals, TOC
SI09-GWS03 (SI09-SS02)	09-SS02A	0 - 1				TCL VOCs, TCL SVOCs, TAL Metals, PCBs
	09-SS02B	3 - 5				TCL VOCs, TCL SVOCs, TAL Metals
SI09-SS03	09-SS03A	3 - 5				TCL VOCs, TCL SVOCs, TAL Metals, TOC
	09-SS03B	10 - 12				TCL VOCs, TCL SVOCs, TAL Metals
SI09-SS04	09-SS04	0 - 1				TCL VOCs, TCL SVOCs, TAL Metals, PCBs
SI09-SS05	09-SS05	0 - 1				TCL VOCs, TCL SVOCs, TAL Metals, PCBs
SI09-SS06	09-SS06	0 - 1				TCL VOCs, TCL SVOCs, TAL Metals, PCBs
SI09-GWS04 (SI09-SS07)	09-SS07	0 - 1				TCL VOCs, TCL SVOCs, TAL Metals, PCBs
SI09-SS08	09-SS08	0 - 1				TCL VOCs, TCL SVOCs, TAL Metals, PCBs
SI09-GWS01 (SI09-SS09)	09-SS09	0 - 1				TCL VOCs, TCL SVOCs, TAL Metals, PCBs

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(Page 3 of 3)

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			Field Duplicates	Field Splits	MS/MSD	
Former Tar Plant, Parcels 99(7) and 32(7) - QST Parcel SI09 (Continued)						
GSBP-99-GP01	GSBP-99-GP01-SS-BQ0005-REG	0 - 1			GSBP-99-GP01-SS-BQ0005-MS GSBP-99-GP01-SS-BQ0005-MSD	TCL VOCs, TCL SVOCs, TAL Metals, PCBs, TOC
GSBP-99-GP02	GSBP-99-GP01-SS-BQ0006-REG	0 - 1				TCL VOCs, TCL SVOCs, TAL Metals, PCBs, TOC

Cl. - Chlorinated.

FD - Field duplicate.

ft. bgs - feet below ground surface.

MS/MSD - Matrix spike/matrix spike duplicate.

PCB - Polychlorinated biphenyl.

QA/QC - Quality Assurance/quality control.

REG - Field sample.

SVOC - Semivolatile organic compound.

TAL - Target analyte list.

TCL - Target compound list.

TOC - Total organic carbon.

VOC - Volatile organic compound.