

APPENDIX A
FIELD DATA FORMS

ROUTINE ONSITE DETERMINATION METHOD

Project/Site: Fort McClellan, Calhoun County, Alabama	Date: 12/11/02
Field Investigators: CSK, JMP	Soil Point: SP-1, Line E upland
Municipality: Fort McClellan	Watershed: Coosa River
County/State: Calhoun County, Alabama	Quadrangle: Anniston, Alabama

Do normal environmental conditions exist at the plant community? yes

If no, explain: _____

Has the vegetation, soil, and or the hydrology been significantly disturbed? no

If yes, explain: _____

VEGETATION

Dominant Plant Species	Stratum	Indicator Status	Dominant Plant Species	Stratum	Indicator Status
<i>Celtis occidentalis</i>	canopy	FAC			
<i>Ligustrum vulgare</i>	shrub	UPL			
<i>Liquidambar styraciflua</i>	canopy	FAC +			
<i>Pinus taeda</i>	canopy	FAC			
<i>Prunus serotina</i>	canopy	FACU			

Percent of dominant species that are FAC or wetter: 60%

Hydrophytic vegetation criterion met? yes

Rationale: >50% of dominant vegetation is FAC or wetter

SOILS

Soil series/Phase: _____ Subgroup: _____

Is the soil on a hydric soil list? _____

Depth (Inches)	Matrix	Mottling	Mottling %	Other	Texture
0-1	7.5 YR 3/1				sandy loam
1-7	2.5 Y 7/3	5 YR 5/8	20		sandy loam w/some clay
7-12	10 YR 5/6				sandy loam w/some clay

Hydric soil criterion met? no

Rationale: no hydric soil indicators present

HYDROLOGY

Ground surface inundated? no

Surface water depth (inches): _____

Soil saturated? no

Depth to saturation (inches): _____

Depth to free water in probe hole (inches): _____

Field evidence of inundation or saturation: no

Wetland hydrology criterion met? no

Rationale: No evidence of prolonged inundation or saturation

JURISDICTIONAL DETERMINATION AND RATIONALE

Is the plant community a wetland? no

Rationale: The soils and hydrology at this site indicated upland conditions.

Notes: Point is located approximately 20 feet north of flag E-5.

ROUTINE ONSITE DETERMINATION METHOD

Project/Site: Fort McClellan, Calhoun County, Alabama	Date: 12/11/02
Field Investigators: CSK, JMP	Soil Point: SP-2, Line E wetland
Municipality: Fort McClellan	Watershed: Coosa River
County/State: Calhoun County, Alabama	Quadrangle: Anniston, Alabama

Do normal environmental conditions exist at the plant community? yes

If no, explain: _____

Has the vegetation, soil, and or the hydrology been significantly disturbed? no

If yes, explain: _____

VEGETATION

Dominant Plant Species	Stratum	Indicator Status	Dominant Plant Species	Stratum	Indicator Status
<i>Acer rubrum</i>	canopy	FAC			
<i>Liquidambar styraciflua</i>	canopy	FAC +			
<i>Nyssa sylvatica</i>	canopy	FAC			
<i>Pinus taeda</i>	canopy	FAC			
<i>Quercus phellos</i>	canopy	FACW-			

Percent of dominant species that are FAC or wetter: 100%

Hydrophytic vegetation criterion met? yes

Rationale: >50% of dominant vegetation is FAC or wetter

SOILS

Soil series/Phase: _____ Subgroup: _____

Is the soil on a hydric soil list? _____

Depth (Inches)	Matrix	Mottling	Mottling %	Other	Texture
0-2	10 YR 3/1				sandy loam
2-8	2.5 YR 6/2	5 YR 4/6	5		sandy loam w/some clay
8-12	10 YR 6/2	5 YR 5/8	10		sandy loam w/some clay

Hydric soil criterion met? yes

Rationale: F3 - depleted matrix

HYDROLOGY

Ground surface inundated? yes

Surface water depth (inches): 6

Soil saturated? yes

Depth to saturation (inches): 0

Depth to free water in probe hole (inches): 0

Field evidence of inundation or saturation: yes

Wetland hydrology criterion met? yes

Rationale: Observed evidence of prolonged inundation/saturation.

JURISDICTIONAL DETERMINATION AND RATIONALE

Is the plant community a wetland? yes

Rationale: The dominant vegetation, soil and hydrology at this site indicated the presence of a wetland.

Notes: Point is located approximately 20 feet south of flag E-5.

ROUTINE ONSITE DETERMINATION METHOD

Project/Site: Fort McClellan, Calhoun County, Alabama	Date: 12/12/02
Field Investigators: CSK, JMP	Soil Point: SP-3, Line N wetland
Municipality: Fort McClellan	Watershed: Coosa River
County/State: Calhoun County, Alabama	Quadrangle: Anniston, Alabama

Do normal environmental conditions exist at the plant community? yes

If no, explain: _____

Has the vegetation, soil, and or the hydrology been significantly disturbed? no

If yes, explain: _____

VEGETATION

Dominant Plant Species	Stratum	Indicator Status	Dominant Plant Species	Stratum	Indicator Status
<i>Acer rubrum</i>	canopy	FAC			
<i>Clethra alnifolia</i>	shrub	FACW			
<i>Lindera benzoin</i>	shrub	FACW			
<i>Liriodendron tulipifera</i>	canopy	FACU			
<i>Osmunda regalis</i>	herbaceous	OBL			

Percent of dominant species that are FAC or wetter: 80%

Hydrophytic vegetation criterion met? yes

Rationale: >50% of dominant vegetation is FAC or wetter

SOILS

Soil series/Phase: _____ Subgroup: _____

Is the soil on a hydric soil list? _____

Depth (Inches)	Matrix	Mottling	Mottling %	Other	Texture
0-2	2.5 Y 3/2				sandy loam
2-6	10 YR 4/2				sandy loam w/some clay
6-12	2.5 Y 5/1				sandy loam w/some clay

Hydric soil criterion met? yes

Rationale: F3 - Depleted Matrix; and sulfidic odor also detected

HYDROLOGY

Ground surface inundated? yes

Surface water depth (inches): 12

Soil saturated? yes

Depth to saturation (inches): 0

Depth to free water in probe hole (inches): 0

Field evidence of inundation or saturation: yes

Wetland hydrology criterion met? yes

Rationale: Observed evidence of prolonged inundation/saturation; also water stained leaves present

JURISDICTIONAL DETERMINATION AND RATIONALE

Is the plant community a wetland? yes

Rationale: The dominant vegetation, soil and hydrology at this site indicated the presence of a wetland.

Notes: Point is located within area marked by flags N-7 through N-12.

ROUTINE ONSITE DETERMINATION METHOD

Project/Site: Fort McClellan, Calhoun County, Alabama	Date: 12/12/02
Field Investigators: CSK, JMP	Soil Point: SP-4, Line N upland
Municipality: Fort McClellan	Watershed: Coosa River
County/State: Calhoun County, Alabama	Quadrangle: Anniston, Alabama

Do normal environmental conditions exist at the plant community? yes

If no, explain: _____

Has the vegetation, soil, and or the hydrology been significantly disturbed? no

If yes, explain: _____

VEGETATION

Dominant Plant Species	Stratum	Indicator Status	Dominant Plant Species	Stratum	Indicator Status
<i>Ligustrum vulgare</i>	shrub	UPL			
<i>Liquidambar styraciflua</i>	canopy	FAC +			
<i>Liriodendron tulipifera</i>	canopy	FACU			
<i>Lonicera japonica</i>	vine	FAC -			
<i>Pinus taeda</i>	canopy	FAC			

Percent of dominant species that are FAC or wetter: 40%

Hydrophytic vegetation criterion met? no

Rationale: >50% of dominant vegetation is not FAC or wetter

SOILS

Soil series/Phase: _____ Subgroup: _____

Is the soil on a hydric soil list? _____

Depth (Inches)	Matrix	Mottling	Mottling %	Other	Texture
0-6	10 YR 3/1				sandy loam w/some clay
6-12	2.5 Y 6/3	5 YR 4/6	<5%		sandy loam w/some clay

Hydric soil criterion met? yes

Rationale: F3 - Depleted Matrix

HYDROLOGY

Ground surface inundated? no

Surface water depth (inches): _____

Soil saturated? no

Depth to saturation (inches): _____

Depth to free water in probe hole (inches): _____

Field evidence of inundation or saturation: no

Wetland hydrology criterion met? no

Rationale: no evidence of prolonged inundation/saturation.

JURISDICTIONAL DETERMINATION AND RATIONALE

Is the plant community a wetland? no

Rationale: The dominant vegetation and hydrology at this site indicated upland conditions.

Notes: Point is located approximately 10 feet west of flag N-11.

ROUTINE ONSITE DETERMINATION METHOD

Project/Site: Fort McClellan, Calhoun County, Alabama	Date: 12/12/02
Field Investigators: CSK, JMP	Soil Point: SP-5, Line O-30 wetland
Municipality: Fort McClellan	Watershed: Coosa River
County/State: Calhoun County, Alabama	Quadrangle: Anniston, Alabama

Do normal environmental conditions exist at the plant community? yes

If no, explain: _____

Has the vegetation, soil, and or the hydrology been significantly disturbed? no

If yes, explain: _____

VEGETATION

Dominant Plant Species	Stratum	Indicator Status	Dominant Plant Species	Stratum	Indicator Status
<i>Acer rubrum</i>	canopy	FAC			
<i>Liquidambar styraciflua</i>	canopy	FAC +			
<i>Platanus occidentalis</i>	canopy	FACW-			

Percent of dominant species that are FAC or wetter: 100%

Hydrophytic vegetation criterion met? yes

Rationale: >50% of dominant vegetation is FAC or wetter

SOILS

Soil series/Phase: _____ Subgroup: _____

Is the soil on a hydric soil list? _____

Depth (Inches)	Matrix	Mottling	Mottling %	Other	Texture
0-6	2.5 Y 3/2				sandy loam w/some clay
6-8	2.5 Y 4/2				sandy loam w/some clay
8-14	5 Y 7/4	10 YR 5/6	15		sandy loam w/some clay

Hydric soil criterion met? yes

Rationale: F3 - Depleted Matrix

HYDROLOGY

Ground surface inundated? yes

Surface water depth (inches): _____

Soil saturated? yes

Depth to saturation (inches): _____

Depth to free water in probe hole (inches): _____

Field evidence of inundation or saturation: yes

Wetland hydrology criterion met? yes

Rationale: Observed evidence of prolonged inundation/saturation; drainage patterns also present

JURISDICTIONAL DETERMINATION AND RATIONALE

Is the plant community a wetland? yes

Rationale: The dominant vegetation, soil and hydrology at this site indicated the presence of a wetland.

Notes: Point is located approximately 20 feet east of flag O-30.

ROUTINE ONSITE DETERMINATION METHOD

Project/Site: Fort McClellan, Calhoun County, Alabama	Date: 12/12/02
Field Investigators: CSK, JMP	Soil Point: SP-6, Line O-30 upland
Municipality: Fort McClellan	Watershed: Coosa River
County/State: Calhoun County, Alabama	Quadrangle: Anniston, Alabama

Do normal environmental conditions exist at the plant community? yes
 If no, explain: _____

Has the vegetation, soil, and or the hydrology been significantly disturbed? no
 If yes, explain: _____

VEGETATION

Dominant Plant Species	Stratum	Indicator Status	Dominant Plant Species	Stratum	Indicator Status
<i>Acer rubrum</i>	canopy	FAC			
<i>Ligustrum vulgare</i>	shrub	UPL			
<i>Lonicera japonica</i>	vine	FAC -			
<i>Pinus taeda</i>	canopy	FAC			
<i>Prunus serotina</i>	canopy	FACU			

Percent of dominant species that are FAC or wetter: 40%
 Hydrophytic vegetation criterion met? no
 Rationale: >50% of dominant vegetation is not FAC or wetter

SOILS

Soil series/Phase: _____ Subgroup: _____
 Is the soil on a hydric soil list? _____

Depth (Inches)	Matrix	Mottling	Mottling %	Other	Texture
0-1	7.5 YR 3/2				sandy loam
1-7	2.5 YR 7/2	7.5 YR 5/8	25		sandy loam w/some clay
7-12	10 YR 6/2				sandy loam w/some clay

Hydric soil criterion met? yes
 Rationale: F3 - Depleted Matrix

HYDROLOGY

Ground surface inundated? no Surface water depth (inches): _____
 Soil saturated? no Depth to saturation (inches): _____
 Depth to free water in probe hole (inches): _____
 Field evidence of inundation or saturation: no
 Wetland hydrology criterion met? no
 Rationale: No evidence of prolonged inundation or saturation

JURISDICTIONAL DETERMINATION AND RATIONALE

Is the plant community a wetland? no
 Rationale: The dominant vegetation and hydrology at this site indicated upland conditions.

Notes: Point is located approximately 30 feet west of flag O-30.

ROUTINE ONSITE DETERMINATION METHOD

Project/Site: Fort McClellan, Calhoun County, Alabama	Date: 12/12/02
Field Investigators: CSK, JMP	Soil Point: SP-7, Line O-19 wetland
Municipality: Fort McClellan	Watershed: Coosa River
County/State: Calhoun County, Alabama	Quadrangle: Anniston, Alabama

Do normal environmental conditions exist at the plant community? yes

If no, explain: _____

Has the vegetation, soil, and or the hydrology been significantly disturbed? no

If yes, explain: _____

VEGETATION

Dominant Plant Species	Stratum	Indicator Status	Dominant Plant Species	Stratum	Indicator Status
<i>Acer rubrum</i>	canopy	FAC			
<i>Celtis occidentalis</i>	canopy	FAC			
<i>Liquidambar styraciflua</i>	canopy	FAC +			
<i>Platanus occidentalis</i>	canopy	FACW-			
<i>Salix nigra</i>	canopy	OBL			

Percent of dominant species that are FAC or wetter: 100%

Hydrophytic vegetation criterion met? yes

Rationale: >50% of dominant vegetation is FAC or wetter

SOILS

Soil series/Phase: _____ Subgroup: _____

Is the soil on a hydric soil list? _____

Depth (Inches)	Matrix	Mottling	Mottling %	Other	Texture
0-2	2.5 YR 2/2				sandy loam
2-7	2.5 YR 5/2				sandy loam w/some clay
7-12	2.5 YR 6/6	7.5 YR 5/8	30		sandy loam w/some clay

Hydric soil criterion met? yes

Rationale: F3 - Depleted Matrix

HYDROLOGY

Ground surface inundated? yes

Surface water depth (inches): _____

Soil saturated? yes

Depth to saturation (inches): _____

Depth to free water in probe hole (inches): _____

Field evidence of inundation or saturation: yes

Wetland hydrology criterion met? yes

Rationale: Observed evidence of prolonged inundation/saturation; drainage patterns also present

JURISDICTIONAL DETERMINATION AND RATIONALE

Is the plant community a wetland? yes

Rationale: The dominant vegetation, soil and hydrology at this site indicated the presence of a wetland.

Notes: Point is located approximately 2 feet east of flag O-19.

ROUTINE ONSITE DETERMINATION METHOD

Project/Site: Fort McClellan, Calhoun County, Alabama	Date: 12/12/02
Field Investigators: CSK, JMP	Soil Point: SP-8, Line O-17 upland
Municipality: Fort McClellan	Watershed: Coosa River
County/State: Calhoun County, Alabama	Quadrangle: Anniston, Alabama

Do normal environmental conditions exist at the plant community? yes
 If no, explain: _____

Has the vegetation, soil, and or the hydrology been significantly disturbed? no
 If yes, explain: _____

VEGETATION

Dominant Plant Species	Stratum	Indicator Status	Dominant Plant Species	Stratum	Indicator Status
<i>Celtis occidentalis</i>	canopy	FAC	<i>Quercus nigra</i>	canopy	FAC
<i>Juniperus virginiana</i>	canopy	FACU-			
<i>Ligustrum vulgare</i>	shrub	UPL			
<i>Pinus taeda</i>	canopy	FAC			
<i>Platanus occidentalis</i>	canopy	FACW-			
<i>Prunus serotina</i>	canopy	FACU			

Percent of dominant species that are FAC or wetter: 57%
 Hydrophytic vegetation criterion met? yes
 Rationale: >50% of dominant vegetation is FAC or wetter

SOILS

Soil series/Phase: _____ Subgroup: _____
 Is the soil on a hydric soil list? _____

Depth (Inches)	Matrix	Mottling	Mottling %	Other	Texture
0-1	10 YR 3/1				sandy loam
1-12	10 YR 4/2				sandy loam w/some clay

Hydric soil criterion met? no
 Rationale: Low chroma colors, but no redox concentrations observed for 4/2 value and chroma

HYDROLOGY

Ground surface inundated? no Surface water depth (inches): _____
 Soil saturated? no Depth to saturation (inches): _____
 Depth to free water in probe hole (inches): _____
 Field evidence of inundation or saturation: no
 Wetland hydrology criterion met? no
 Rationale: no evidence of prolonged inundation/saturation.

JURISDICTIONAL DETERMINATION AND RATIONALE

Is the plant community a wetland? no
 Rationale: The dominant vegetation, soil and hydrology at this site indicated upland conditions.

Notes: Point is located approximately 20 feet west of flag O-17.

ROUTINE ONSITE DETERMINATION METHOD

<i>Project/Site:</i> Fort McClellan, Calhoun County, Alabama	<i>Date:</i> 12/12/02
<i>Field Investigators:</i> CSK, JMP	<i>Soil Point:</i> SP-9, Line P wetland
<i>Municipality:</i> Fort McClellan	<i>Watershed:</i> Coosa River
<i>County/State:</i> Calhoun County, Alabama	<i>Quadrangle:</i> Anniston, Alabama

Do normal environmental conditions exist at the plant community? yes
 If no, explain: _____

Has the vegetation, soil, and or the hydrology been significantly disturbed? no
 If yes, explain: _____

VEGETATION

Dominant Plant Species	Stratum	Indicator Status	Dominant Plant Species	Stratum	Indicator Status
<i>Acer rubrum</i>	canopy	FAC	<i>Smilax rotundifolia</i>	vine	FAC
<i>Cornus foemina</i>	shrub	FACW-			
<i>Liquidambar styraciflua</i>	canopy	FAC +			
<i>Pinus taeda</i>	canopy	FAC			
<i>Quercus nigra</i>	canopy	FAC			
<i>Quercus phellos</i>	canopy	FACW-			

Percent of dominant species that are FAC or wetter: 100%
 Hydrophytic vegetation criterion met? yes
 Rationale: >50% of dominant vegetation is FAC or wetter

SOILS

Soil series/Phase: _____ Subgroup: _____
 Is the soil on a hydric soil list? _____

Depth (Inches)	Matrix	Mottling	Mottling %	Other	Texture
0-8	7.5 YR 3/3				sandy loam w/some clay
8-14	10 YR 7/2	5 YR 5/8	5		sandy loam w/some clay

Hydric soil criterion met? yes
 Rationale: F3 - depleted matrix

HYDROLOGY

Ground surface inundated? no Surface water depth (inches): 0
 Soil saturated? yes Depth to saturation (inches): 8
 Depth to free water in probe hole (inches): 8
 Field evidence of inundation or saturation: yes
 Wetland hydrology criterion met? yes
 Rationale: Saturated soil in upper 12 inches

JURISDICTIONAL DETERMINATION AND RATIONALE

Is the plant community a wetland? yes
 Rationale: The dominant vegetation, soil and hydrology at this site indicated the presence of a wetland.

Notes: Point is located approximately 200 feet east of Landfill #4 fence line, and 10 feet west of existing streambed. This wetland data point was taken to further illustrate the extent of the PFO area to the east of Lanfill #4.

ROUTINE ONSITE DETERMINATION METHOD

Project/Site: Fort McClellan, Calhoun County, Alabama	Date: 12/12/02
Field Investigators: CSK, JMP	Soil Point: SP-10, Line I-3 wetland
Municipality: Fort McClellan	Watershed: Coosa River
County/State: Calhoun County, Alabama	Quadrangle: Anniston, Alabama

Do normal environmental conditions exist at the plant community? yes
 If no, explain: _____

Has the vegetation, soil, and or the hydrology been significantly disturbed? no
 If yes, explain: _____

VEGETATION

Dominant Plant Species	Stratum	Indicator Status	Dominant Plant Species	Stratum	Indicator Status
<i>Acer rubrum</i>	canopy	FAC			
<i>Liquidambar styraciflua</i>	canopy	FAC +			
<i>Quercus nigra</i>	canopy	FAC			
<i>Smilax rotundifolia</i>	vine	FAC			

Percent of dominant species that are FAC or wetter: 100%
 Hydrophytic vegetation criterion met? yes
 Rationale: >50% of dominant vegetation is FAC or wetter

SOILS

Soil series/Phase: _____ Subgroup: _____
 Is the soil on a hydric soil list? _____

Depth (Inches)	Matrix	Mottling	Mottling %	Other	Texture
0-8	10 YR 4/4	2.5 YR 3/4	5		sandy loam w/some clay
8-14	2.5 Y 7/1	7.5 YR 6/6	5		sandy loam w/some clay

Hydric soil criterion met? yes
 Rationale: F3 - Depleted Matrix

HYDROLOGY

Ground surface inundated? yes Surface water depth (inches): _____
 Soil saturated? yes Depth to saturation (inches): _____
 Depth to free water in probe hole (inches): _____
 Field evidence of inundation or saturation: yes
 Wetland hydrology criterion met? yes
 Rationale: Observed evidence of prolonged inundation/saturation; drainage patterns also present

JURISDICTIONAL DETERMINATION AND RATIONALE

Is the plant community a wetland? yes
 Rationale: The dominant vegetation, soil and hydrology at this site indicated the presence of a wetland.

Notes: Point is located approximately 10 feet north of flag I-3.

ROUTINE ONSITE DETERMINATION METHOD

Project/Site: Fort McClellan, Calhoun County, Alabama	Date: 12/12/02
Field Investigators: CSK, JMP	Soil Point: SP-11, Line I-3 upland
Municipality: Fort McClellan	Watershed: Coosa River
County/State: Calhoun County, Alabama	Quadrangle: Anniston, Alabama

Do normal environmental conditions exist at the plant community? yes

If no, explain: _____

Has the vegetation, soil, and or the hydrology been significantly disturbed? no

If yes, explain: _____

VEGETATION

Dominant Plant Species	Stratum	Indicator Status	Dominant Plant Species	Stratum	Indicator Status
<i>Juniperus virginiana</i>	shrub	FACU-			
<i>Ligustrum vulgare</i>	shrub	UPL			
<i>Liquidambar styraciflua</i>	canopy	FAC +			
<i>Liriodendron tulipifera</i>	canopy	FACU			
<i>Lonicera japonica</i>	vine	FAC -			

Percent of dominant species that are FAC or wetter: 20%

Hydrophytic vegetation criterion met? no

Rationale: >50% of dominant vegetation is not FAC or wetter

SOILS

Soil series/Phase: _____ Subgroup: _____

Is the soil on a hydric soil list? _____

Depth (Inches)	Matrix	Mottling	Mottling %	Other	Texture
0-6	10 YR 3/3				sandy loam
6-12	5 YR 3/4				sandy loam

Hydric soil criterion met? no

Rationale: no hydric soil indicators present

HYDROLOGY

Ground surface inundated? no

Surface water depth (inches): _____

Soil saturated? no

Depth to saturation (inches): _____

Depth to free water in probe hole (inches): _____

Field evidence of inundation or saturation: no

Wetland hydrology criterion met? no

Rationale: No evidence of prolonged inundation or saturation

JURISDICTIONAL DETERMINATION AND RATIONALE

Is the plant community a wetland? no

Rationale: The dominant vegetation, soil and hydrology at this site indicated upland conditions.

Notes: Point is located approximately 20 feet south of flag I-3.

ROUTINE ONSITE DETERMINATION METHOD

Project/Site: Fort McClellan, Calhoun County, Alabama	Date: 12/13/02
Field Investigators: CSK, JMP	Soil Point: SP-12, Line R-2 upland
Municipality: Fort McClellan	Watershed: Coosa River
County/State: Calhoun County, Alabama	Quadrangle: Anniston, Alabama

Do normal environmental conditions exist at the plant community? yes

If no, explain: _____

Has the vegetation, soil, and or the hydrology been significantly disturbed? no

If yes, explain: _____

VEGETATION

Dominant Plant Species	Stratum	Indicator Status	Dominant Plant Species	Stratum	Indicator Status
<i>Fagus grandifolia</i>	canopy	FACU			
<i>Ligustrum vulgare</i>	shrub	UPL			
<i>Quercus alba</i>	canopy	FACU			
<i>Quercus rubra</i>	canopy	FACU			

Percent of dominant species that are FAC or wetter: 0%

Hydrophytic vegetation criterion met? no

Rationale: >50% of dominant vegetation is not FAC or wetter

SOILS

Soil series/Phase: _____ Subgroup: _____

Is the soil on a hydric soil list? _____

Depth (Inches)	Matrix	Mottling	Mottling %	Other	Texture
0-1	7.5 YR 3/4				sandy loam
1-12	10 YR 4/6				sandy loam

Hydric soil criterion met? no

Rationale: no hydric soil indicators present

HYDROLOGY

Ground surface inundated? no

Surface water depth (inches): _____

Soil saturated? no

Depth to saturation (inches): _____

Depth to free water in probe hole (inches): 12

Field evidence of inundation or saturation: no

Wetland hydrology criterion met? no

Rationale: water in hole observed because of excessive rainfall at that time, no evidence of prolonged inundation/saturation

JURISDICTIONAL DETERMINATION AND RATIONALE

Is the plant community a wetland? no

Rationale: The dominant vegetation, soil and hydrology at this site indicated upland conditions.

Notes: Point is located approximately 15 feet southeast of flag R-2.

ROUTINE ONSITE DETERMINATION METHOD

Project/Site: Fort McClellan, Calhoun County, Alabama	Date: 12/13/02
Field Investigators: CSK, JMP	Soil Point: SP-13, Line R-2 wetland
Municipality: Fort McClellan	Watershed: Coosa River
County/State: Calhoun County, Alabama	Quadrangle: Anniston, Alabama

Do normal environmental conditions exist at the plant community? yes

If no, explain: _____

Has the vegetation, soil, and or the hydrology been significantly disturbed? no

If yes, explain: _____

VEGETATION

Dominant Plant Species	Stratum	Indicator Status	Dominant Plant Species	Stratum	Indicator Status
<i>Acer rubrum</i>	canopy	FAC	<i>Vaccinium corymbosum</i>	shrub	FACW
<i>Cornus foemina</i>	shrub	FACW-			
<i>Nyssa sylvatica</i>	canopy	FAC			
<i>Pinus taeda</i>	canopy	FAC			
<i>Quercus nigra</i>	canopy	FAC			
<i>Quercus phellos</i>	canopy	FACW-			

Percent of dominant species that are FAC or wetter: 100%

Hydrophytic vegetation criterion met? yes

Rationale: >50% of dominant vegetation is FAC or wetter

SOILS

Soil series/Phase: _____ Subgroup: _____

Is the soil on a hydric soil list? _____

Depth (Inches)	Matrix	Mottling	Mottling %	Other	Texture
0-3	10 YR 5/2				sandy loam
3-8	7.5 YR 5/6				sandy loam
8-14	10 YR 6/2	2.5 YR 4/6	5		sandy loam (clayey)

Hydric soil criterion met? yes

Rationale: F3 - depleted matrix

HYDROLOGY

Ground surface inundated? yes

Surface water depth (inches): _____

Soil saturated? yes

Depth to saturation (inches): _____

Depth to free water in probe hole (inches): _____

Field evidence of inundation or saturation: yes

Wetland hydrology criterion met? yes

Rationale: Observed evidence of prolonged inundation/saturation; drainage patterns also present

JURISDICTIONAL DETERMINATION AND RATIONALE

Is the plant community a wetland? yes

Rationale: The dominant vegetation, soil and hydrology at this site indicated the presence of a wetland.

Notes: Point is located approximately 20 feet northwest of flag R-2.

ROUTINE ONSITE DETERMINATION METHOD

Project/Site: Fort McClellan, Calhoun County, Alabama *Date:* 12/13/02
Field Investigators: CSK, JMP *Soil Point:* SP-14, Line S-1 upland
Municipality: Fort McClellan *Watershed:* Coosa River
County/State: Calhoun County, Alabama *Quadrangle:* Anniston, Alabama

Do normal environmental conditions exist at the plant community? yes
 If no, explain: _____

Has the vegetation, soil, and or the hydrology been significantly disturbed? no
 If yes, explain: _____

VEGETATION

Dominant Plant Species	Stratum	Indicator Status	Dominant Plant Species	Stratum	Indicator Status
<i>Acer rubrum</i>	canopy	FAC			
<i>Ligustrum vulgare</i>	shrub	UPL			
<i>Lonicera japonica</i>	vine	FAC -			
<i>Pinus taeda</i>	canopy	FAC			
<i>Quercus alba</i>	canopy	FACU			
<i>Vaccinium corymbosum</i>	shrub	FACW			

Percent of dominant species that are FAC or wetter: 50%
 Hydrophytic vegetation criterion met? yes
 Rationale: >50% of dominant vegetation is FAC or wetter

SOILS

Soil series/Phase: _____ Subgroup: _____
 Is the soil on a hydric soil list? _____

Depth (Inches)	Matrix	Mottling	Mottling %	Other	Texture
0-6	7.5 YR 4/3				sandy loam
6-12	7.5YR 4/6				sandy loam

Hydric soil criterion met? no
 Rationale: no hydric soil indicators present

HYDROLOGY

Ground surface inundated? no Surface water depth (inches): _____
 Soil saturated? no Depth to saturation (inches): _____
 Depth to free water in probe hole (inches): _____
 Field evidence of inundation or saturation: no
 Wetland hydrology criterion met? no
 Rationale: no evidence of prolonged inundation/saturation.

JURISDICTIONAL DETERMINATION AND RATIONALE

Is the plant community a wetland? no
 Rationale: The dominant vegetation, soil and hydrology at this site indicated upland conditions.

Notes: Point is located approximately 20 feet northwest of flag S-1.

ROUTINE ONSITE DETERMINATION METHOD

Project/Site: Fort McClellan, Calhoun County, Alabama	Date: 12/13/02
Field Investigators: CSK, JMP	Soil Point: SP-15, Line S-1 wetland
Municipality: Fort McClellan	Watershed: Coosa River
County/State: Calhoun County, Alabama	Quadrangle: Anniston, Alabama

Do normal environmental conditions exist at the plant community? yes

If no, explain: _____

Has the vegetation, soil, and or the hydrology been significantly disturbed? no

If yes, explain: _____

VEGETATION

Dominant Plant Species	Stratum	Indicator Status	Dominant Plant Species	Stratum	Indicator Status
<i>Acer rubrum</i>	canopy	FAC			
<i>Lonicera japonica</i>	vine	FAC -			
<i>Quercus nigra</i>	canopy	FAC			
<i>Quercus phellos</i>	canopy	FACW-			
<i>Smilax rotundifolia</i>	vine	FAC			
<i>Vaccinium corymbosum</i>	shrub	FACW			

Percent of dominant species that are FAC or wetter: 83%

Hydrophytic vegetation criterion met? yes

Rationale: >50% of dominant vegetation is FAC or wetter

SOILS

Soil series/Phase: _____ Subgroup: _____

Is the soil on a hydric soil list? _____

Depth (Inches)	Matrix	Mottling	Mottling %	Other	Texture
0-6	2.5 YR 5/2	7.5 YR 5/6	15		sandy loam w/some clay
6-8	2.5 YR 6/3	5 YR 4/6	5		sandy loam w/some clay
8-14	5 Y 5/2	7.5 YR 5/2	15		sandy loam w/some clay

Hydric soil criterion met? yes

Rationale: F3 - depleted matrix

HYDROLOGY

Ground surface inundated? yes

Surface water depth (inches): _____

Soil saturated? yes

Depth to saturation (inches): _____

Depth to free water in probe hole (inches): _____

Field evidence of inundation or saturation: yes

Wetland hydrology criterion met? yes

Rationale: Observed evidence of prolonged inundation/saturation; drainage patterns also present.

JURISDICTIONAL DETERMINATION AND RATIONALE

Is the plant community a wetland? yes

Rationale: The dominant vegetation, soil, and hydrology at this site indicated the presence of a wetland.

Notes: Point is located approximately 20 feet southeast of flag S-1.

ROUTINE ONSITE DETERMINATION METHOD

Project/Site: Fort McClellan, Calhoun County, Alabama	Date: 12/13/02
Field Investigators: CSK, JMP	Soil Point: SP-16, Line T-1 upland
Municipality: Fort McClellan	Watershed: Coosa River
County/State: Calhoun County, Alabama	Quadrangle: Anniston, Alabama

Do normal environmental conditions exist at the plant community? yes

If no, explain: _____

Has the vegetation, soil, and or the hydrology been significantly disturbed? no

If yes, explain: _____

VEGETATION

Dominant Plant Species	Stratum	Indicator Status	Dominant Plant Species	Stratum	Indicator Status
<i>Ligustrum vulgare</i>	shrub	UPL			
<i>Liquidambar styraciflua</i>	canopy	FAC +			
<i>Liriodendron tulipifera</i>	canopy	FACU			
<i>Lonicera japonica</i>	vine	FAC -			
<i>Pinus taeda</i>	canopy	FAC			

Percent of dominant species that are FAC or wetter: 40%

Hydrophytic vegetation criterion met? no

Rationale: >50% of dominant vegetation is not FAC or wetter

SOILS

Soil series/Phase: _____ Subgroup: _____

Is the soil on a hydric soil list? _____

Depth (Inches)	Matrix	Mottling	Mottling %	Other	Texture
0-3	10 YR 4/3				sandy loam
3-6	10 YR 4/4				sandy loam w/some clay
6-12	2.5 YR 4/3				sandy loam w/some clay

Hydric soil criterion met? no

Rationale: no hydric soil indicators present

HYDROLOGY

Ground surface inundated? yes

Surface water depth (inches): _____

Soil saturated? yes

Depth to saturation (inches): _____

Depth to free water in probe hole (inches): _____

Field evidence of inundation or saturation: no

Wetland hydrology criterion met? no

Rationale: Sheeting water present due to excessive rainfall and nearby beaver dam; no evidence of prolonged inundation/saturation.

JURISDICTIONAL DETERMINATION AND RATIONALE

Is the plant community a wetland? no

Rationale: The dominant vegetation, soil, and hydrology at this site indicated upland conditions.

Notes: Point is located approximately 15 feet south of flag T-1.

ROUTINE ONSITE DETERMINATION METHOD

Project/Site: Fort McClellan, Calhoun County, Alabama	Date: 12/13/02
Field Investigators: CSK, JMP	Soil Point: SP-17, Line T-1 wetland
Municipality: Fort McClellan	Watershed: Coosa River
County/State: Calhoun County, Alabama	Quadrangle: Anniston, Alabama

Do normal environmental conditions exist at the plant community? yes

If no, explain: _____

Has the vegetation, soil, and or the hydrology been significantly disturbed? no

If yes, explain: _____

VEGETATION

Dominant Plant Species	Stratum	Indicator Status	Dominant Plant Species	Stratum	Indicator Status
<i>Fraxinus pennsylvanica</i>	canopy	FACW	<i>Quercus phellos</i>	canopy	FACW-
<i>Juncus effusus</i>	herbaceous	FACW			
<i>Ligustrum vulgare</i>	shrub	UPL			
<i>Liquidambar styraciflua</i>	canopy	FAC +			
<i>Pinus taeda</i>	canopy	FAC			
<i>Quercus nigra</i>	canopy	FAC			

Percent of dominant species that are FAC or wetter: 86%

Hydrophytic vegetation criterion met? yes

Rationale: >50% of dominant vegetation is FAC or wetter

SOILS

Soil series/Phase: _____ Subgroup: _____

Is the soil on a hydric soil list? _____

Depth (Inches)	Matrix	Mottling	Mottling %	Other	Texture
0-2	10 YR 3/2				sandy loam
2-6	10 YR 5/3				sandy loam w/some clay
6-12	2.5 Y 3/2	5 YR 3/4	5		sandy loam w/some clay

Hydric soil criterion met? yes

Rationale: F3 - depleted matrix; soft manganese masses

HYDROLOGY

Ground surface inundated? yes

Surface water depth (inches): _____

Soil saturated? yes

Depth to saturation (inches): _____

Depth to free water in probe hole (inches): _____

Field evidence of inundation or saturation: yes

Wetland hydrology criterion met? yes

Rationale: Drainage patterns and water stained leaves present

JURISDICTIONAL DETERMINATION AND RATIONALE

Is the plant community a wetland? yes

Rationale: The dominant vegetation, soil and hydrology at this site indicated the presence of a wetland.

Notes: Point is located approximately 10 feet north of flag T-1.

ROUTINE ONSITE DETERMINATION METHOD

Project/Site: Fort McClellan, Calhoun County, Alabama *Date:* 12/13/02
Field Investigators: CSK, JMP *Soil Point:* SP-18, Line U-19 upland
Municipality: Fort McClellan *Watershed:* Coosa River
County/State: Calhoun County, Alabama *Quadrangle:* Anniston, Alabama

Do normal environmental conditions exist at the plant community? yes
 If no, explain: _____

Has the vegetation, soil, and or the hydrology been significantly disturbed? no
 If yes, explain: _____

VEGETATION

Dominant Plant Species	Stratum	Indicator Status	Dominant Plant Species	Stratum	Indicator Status
<i>Ligustrum vulgare</i>	canopy	UPL			
<i>Liquidambar styraciflua</i>	canopy	FAC +			
<i>Lonicera japonica</i>	vine	FAC -			
<i>Pinus taeda</i>	canopy	FAC			
<i>Prunus serotina</i>	canopy	FACU			

Percent of dominant species that are FAC or wetter: 40%
 Hydrophytic vegetation criterion met? no
 Rationale: >50% of dominant vegetation is not FAC or wetter

SOILS

Soil series/Phase: _____ Subgroup: _____
 Is the soil on a hydric soil list? _____

Depth (Inches)	Matrix	Mottling	Mottling %	Other	Texture
0-2	7.5 YR 4/3				sandy loam
2-12	10 YR 4/4				sandy loam

Hydric soil criterion met? no
 Rationale: no hydric soil indicators present

HYDROLOGY

Ground surface inundated? no Surface water depth (inches): _____
 Soil saturated? no Depth to saturation (inches): _____
 Depth to free water in probe hole (inches): _____
 Field evidence of inundation or saturation: no
 Wetland hydrology criterion met? no
 Rationale: no evidence of prolonged inundation/saturation.

JURISDICTIONAL DETERMINATION AND RATIONALE

Is the plant community a wetland? no
 Rationale: The dominant vegetation, soil and hydrology at this site indicated upland conditions.

Notes: Point is located approximately 20 feet east of flag U-19.

ROUTINE ONSITE DETERMINATION METHOD

Project/Site: Fort McClellan, Calhoun County, Alabama	Date: 12/13/02
Field Investigators: CSK, JMP	Soil Point: SP-19, Line U-19 wetland
Municipality: Fort McClellan	Watershed: Coosa River
County/State: Calhoun County, Alabama	Quadrangle: Anniston, Alabama

Do normal environmental conditions exist at the plant community? yes

If no, explain: _____

Has the vegetation, soil, and or the hydrology been significantly disturbed? no

If yes, explain: _____

VEGETATION

Dominant Plant Species	Stratum	Indicator Status	Dominant Plant Species	Stratum	Indicator Status
<i>Liquidambar styraciflua</i>	canopy	FAC +			
<i>Pinus taeda</i>	canopy	FAC			
<i>Quercus nigra</i>	canopy	FAC			
<i>Quercus phellos</i>	canopy	FACW-			

Percent of dominant species that are FAC or wetter: 100%

Hydrophytic vegetation criterion met? yes

Rationale: >50% of dominant vegetation is FAC or wetter

SOILS

Soil series/Phase: _____ Subgroup: _____

Is the soil on a hydric soil list? _____

Depth (Inches)	Matrix	Mottling	Mottling %	Other	Texture
0-3	10 YR 3/1				Sandy loam
3-12	2.5 YR 5/3	7.5 YR 3/4	50		Sandy, clayey loam

Hydric soil criterion met? yes

Rationale: F3 - depleted matrix; manganese masses

HYDROLOGY

Ground surface inundated? yes

Surface water depth (inches): _____

Soil saturated? yes

Depth to saturation (inches): 0

Depth to free water in probe hole (inches): 6

Field evidence of prolonged inundation or saturation: yes

Wetland hydrology criterion met? yes

Rationale: Observed evidence of prolonged inundation/saturation.

JURISDICTIONAL DETERMINATION AND RATIONALE

Is the plant community a wetland? yes

Rationale: The dominant vegetation, soil, and hydrology at this site indicated the presence of a wetland.

Notes: Point is located approximately 15 feet west of flag U-19.

