APPENDIX B

Wetland Determination Sheets

ROUTINE WETLAND DETERMINATION DATA FORM

Wetland Delineation Sheet 2

Project Site:	ODOT: U.S. 70 T.Gwaltney, LNichols, R.T. Hutson					Date: 5/5/04 County: McCurtain State: Oklahoma			
Applicant/Owner: Investigator:					/				
Do Normal Circumstances exist on the site? Is the site significantly disturbed (Atypical Situ Is the area a potential Problem Area? (If needed, explain on reverse.)		X Yes			Community ID: Transect ID: Plot ID:		Juncus-Rubus wetland Crossing 6 (Alternative 2)		
(ii needed, explain o									
VEGETATION Dominant Pl 1. Juncus effusus	ant Species	Indicator OBL	Stratum Herb	Don 9.	ninant Plant Species	Indicat	or Stratum		
2. Rubus trivialis		FAC	Herb/WV	10.	·····				
3. <u>Carex lupulina</u>		OBL	Herb	11					
4. <u>Lonicera japonica</u> 5. Liquidamber styr		FAC FAC	Herb Tree	12 13					
6. Ulmus americana		FAC	Tree						
7. Quercus phellos		FAC+	Tree						
8. Quercus nigra		FACW	Tree	16.					
Remarks: HYDROLOGY Recorded Da No Recorded Field Observations: Depth of Surface Depth to Free Wi Depth to Saturate Remarks: Few iron o observed SOILS Map Unit Name: Taxonomy Subgroup: Profile Description:	ater in Pit: ad Soil: concretions, approximate at depths greater than 1: <u>Guyton</u> <u>Udic Pellusterts</u>	0 to 2 None to 1 to 2 1 to 2 Ny, 3 millimeters, ir 2 centimeters.	(in.) 12 (in.) (in.) a size were & Phase: Observations Confirm	/etland Hydrology Primary India X Satur Wate Drift I Secondary IT X Oxidi X Wate Loca X FAC- Other Silt Ioam	cators: Jated Jated Index In Upper 12 inch- er Marks Lines ment Deposits nage Patterns in Wetla ndicators (2 or more re zed Root Channels in rr-Stained Leaves I Soil Survey Data Neutral Test 2:1 r (Explain in Remarks) Drainag	nds iquired): Upper 12 inches ge Class: Yes	toorly drained		
		latrix Color	Mottle Colors		Abundance/ Contrast		cretions, Structure, etc.		
<u>0-12</u> 12+		10YR 6/2 10YR 6/1	10YR4/6 5YR 4/6, 5YR 5/8		ew/ Fine/ Distinct Common/ Prominent	Silty clay Silty clay			
12+			10YR5/4	, iviality	Common/ Prominent	Sitty Clay			
Hydric Soil Indicators:	Histosol			Low-Chro	ma Colors				
	Histic Epipedon Sulfidic Odor Aquic Moisture Regime Reducing Conditions Gleyed			Organic S Listed on Listed on	· · ·	t			
Remarks:									
WETLAND DETE Hydrophytic Vegetation Wetland Hydrology Pre Hydric Soils Present?	Present?	X Yes X Yes X Yes	No No No	ls this Sampling	9 Point within a Wetlar	nd? <u>X</u>	Yes No		

Remarks:

ROUTINE WETLAND DETERMINATION DATA FORM

Upland Comparison Sheet 1

Project Site:	ODOT: U.S. 70	Date: 5/5/04 County: McCurtain State: Oklahoma					
Applicant/Owner: Investigator:	T.Gwaltney, LNichols, R.T. Hutson						
Do Normal Circumstand Is the site significantly d Is the area a potential P (If needed, explain or	listurbed (Atypical Situation)? Problem Area?	X Yes Yes X Yes X	No No No	Community ID: Transect ID: Plot ID:	Herbaceous Upland		
VEGETATION Dominant Pla Dominant Pla Dominant Pla Dominant Pla Dominant Pla Dominal pint Dominant Pla Dominant Sp Remarks: * NL= Not end Dominant Sp	ant Species Indicator s FAC natifida NL* um FAC-	Stratum H </td <td>9 10 11 12 13</td> <td></td> <td></td> <td></td>	9 10 11 12 13				
	ater in Pit: 0	(in.) (in.) (in.)	Water Mar Drift Lines Sediment I Drainage F Secondary Indicat Oxidized R Water-Stai Local Soil FAC-Neutr	: n Upper 12 inches ks Deposits Patterns in Wetlands ors (2 or more requir ioot Channels in Upp ned Leaves Survey Data			
SOILS Map Unit Name: Taxonomy Subgroup:		es & Phase: <u>S</u> Observations Confirm Ma	Silt Ioam	Drainage C	lass: <u>Poorly dr</u> Yes	ainedNo	
Depth (in.) H 0-8	Horizon <u>Matrix Color</u> 10YR 5/4 10YR 6/1	Mottle Colors 7.5YR 5/6, 7.5 YR 4/6	Ma	dance/ Contrast ny/ Common/ ominent	Texture, Concretions Silty loam Silty loam	s, Structure, etc.	
	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regime Reducing Conditions Gleyed	X	Organic Streaki	ontent in Surface La ing in Sandy Soils Hydric Soils List nal Hydric Soils List	yer in Sandy Soils		
WETLAND DETER Hydrophytic Vegetation Wetland Hydrology Pres Hydric Soils Present?	Present? Yes	x No X No k No	s this Sampling Poin	t within a Wetland?	Yes	X No	

Remarks:

Upland Side

ROUTINE WETLAND DETERMINATION DATA FORM

Wetland Delineation Sheet 1

Project Site: Applicant/Owner:	ODOT: U.S. 70 T.Gwaltney, LNichols, R.T. Hutson				Date: 5/5/04 County: <u>McCurtain</u> State: Oklahoma				
Investigator:									
Do Normal Circumstances exist on the site? Is the site significantly disturbed (Atypical Situation Is the area a potential Problem Area? (If needed, explain on reverse.)		n)? Yes X		No No No	Community ID: Transect ID: Plot ID:		Juncus-Rubus wetland Crossing 6 (North side)		
VEGETATION Dominant Pla 1. Juncus effusus 2. Rubus trivialis 3. Carex lupulina 4. Baccharis salicin 5. Platanus occiden 6. Liquidamber styra 7. Ulmus americana 8. Platanus occiden Percent of Dominant Sp	a talis aciflua	Indicator OBL FAC OBL FAC FAC+ FAC FAC FAC+ FAC FAC+ FAC+ FAC	Stratum Herb Herb/WV Herb Shrub/Sapl. Shrub/Sapl. Tree Tree Tree ang FAC-): 9/9=100%	9. Lemna sp. 10.	nt Plant Species			Stratum OBL	
	ater in Pit:	narks): <u>6</u> 0 0	(in.) (in.) (in.)	Water Ma Drift Line Sedimen X Drainage Secondary Indica Oxidized X Water-St Local Soi FAC-Neu	rs: d in Upper 12 inche arks s t Deposits Patterns in Wetlan ators (2 or more rec Root Channels in L ained Leaves I Survey Data	ıds quired):			
SOILS Map Unit Name: Taxonomy Subgroup: Profile Description:	Guyton Udic Pellusterts	Series & Field Ob	Phase: oservations Confirm	Silt Ioam Map Type?	Drainage	e Class: Yes	Poorly dra	ained No	
Depth (in.) 0-12	Horizon Matrix 10YF		Mottle Colors 7.5YR 3/4		Indance/ Contrast n/ Many/ Distinct	Silty loam		s, Structure, etc.	
Hydric Soil Indicators:	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regime Reducing Conditions Gleyed		X	Concretions High Organic Organic Strea Listed on Loc Listed on Nati	Colors Content in Surface king in Sandy Soils al Hydric Soils List ional Hydric Soils L n in Remarks)	3	pils		
WETLAND DETE Hydrophytic Vegetation Wetland Hydrology Pre- Hydric Soils Present?	Present? X	Yes Yes Yes	No No No	Is this Sampling Po	int within a Wetland	d? <u>X</u>	Yes	No	
Remarks:									

Wet Side