

Data Form
Routine Wetland Determination

Job Number: **ProjNum 1**
 City: **St. Louis**
 Wetland Data Point: **002**

Project/Site: **Highway Expansion**
 Applicant/Owner:
 Investigator: **Susan**

Date: **October 19, 2002**
 County:
 State: **Mo**
 Community ID: **Floodplain**
 Station ID:
 Plot ID:

- Do normal circumstances exist on the site?
 Have vegetation, soils, or hydrology been disturbed?
 Is the area a potential problem area?

Vegetation

Dominant Species	Common Name	% Cover	Indicator
Herbaceous			
X <i>unknown Carex</i>	unknown sedge	80	OBL
X <i>Typha angustifolia</i>	Cattail, Narrow-Leaf	90	OBL
<i>Impatiens capensis</i>	Touch-Me-Not, Spotted	10	FACW
Tree			
X <i>Salix nigra</i>	Willow, Black	10	OBL
X <i>Acer negundo</i>	Box-Elder	30	FACW
<i>Platanus occidentalis</i>	Sycamore, American	10	FACW
Vine			
<i>Parthenocissus quinquefolia</i>	Creeper, Virginia	5	FAC-

% Species that are OBL, FACW, or FAC (except FAC-): **100**

Cowardin Classification:

Remarks

Hydrology

	Primary Wetland Hydrology Indicators	Secondary Hydrology Indicators
<input type="checkbox"/> Recorded Data (describe in remarks)	<input checked="" type="checkbox"/> Inundated	<input checked="" type="checkbox"/> Oxidized root channels
<input type="checkbox"/> Stream, Lake, or Tide Gage	<input checked="" type="checkbox"/> Saturated in upper 12 inches	<input checked="" type="checkbox"/> Water-stained leaves
<input type="checkbox"/> Aerial Photograph	<input type="checkbox"/> Water marks	<input type="checkbox"/> Local soil survey data
<input type="checkbox"/> Other (describe in remarks)	<input type="checkbox"/> Drift lines	<input type="checkbox"/> FAC-Neutral test
Field Observations:	<input checked="" type="checkbox"/> Sediment deposits	<input type="checkbox"/> Other (explain in remarks)
Depth of Surface Water(in.): 0	<input type="checkbox"/> Drainage patterns in wetlands	
Depth to Free Water in Pit(in.): 0		
Depth to Saturated Soils(in.): 0		

Remarks

Soils

Depth (in.)	Hor.	Matrix Color	Mottle / 2nd Mottle Color	Abundance	Contrast	Texture, Structure, etc.
0-10		GLE Y1 3/N				silt
10-20		GLE Y1 3/10Y				silt

Hydric Soils Indicators

- | | |
|---|---|
| <input type="checkbox"/> Histosol | <input type="checkbox"/> Concretions |
| <input checked="" type="checkbox"/> Histic Epipedon | <input checked="" type="checkbox"/> High Organic % in Surface Layer |
| <input checked="" type="checkbox"/> Sulfidic Odor | <input type="checkbox"/> Organic Streaking |
| <input checked="" type="checkbox"/> Probable Aquatic Moist Regime | <input type="checkbox"/> Listed on Local Hydric Soils List |
| <input checked="" type="checkbox"/> Reducing Conditions | <input type="checkbox"/> Listed on National Hydric Soils List |
| <input checked="" type="checkbox"/> Gleyed or Low-Chroma Colors | <input type="checkbox"/> Other (explain in remarks) |

Unit Name:

Taxonomy:

Drainage Class: **Poorly Drained**

Field Observations match map

Remarks

Wetland Determination

- Hydrophytic Vegetation Present
 Hydric Soils Present
 Wetland Hydrology Present
- This Data Point is a Wetland

Remarks

Upper ten inches of soil looser, darker, and much more organics than lower ten inches.

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Job Number: **ProjNum 1**
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 Wetland Data Point: **001**

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 Applicant/Owner:
 Investigator: **Susan**

Date: **October 19, 2002**
 County:
 State: **Mo**
 Community ID: **Floodplain**
 Station ID:
 Plot ID:

- Do normal circumstances exist on the site?
 Have vegetation, soils, or hydrology been disturbed?
 Is the area a potential problem area?

Vegetation

Dominant Species	Common Name	% Cover	Indicator
Herbaceous			
X <i>Spartina pectinata</i>	Cordgrass, Prairie	20	FACW+
X	Unknown grass	100	OBL
X <i>Typha angustifolia</i>	Cattail, Narrow-Leaf	10	OBL
Tree			
X <i>Salix nigra</i>	Willow, Black	20	OBL
X <i>Platanus occidentalis</i>	Sycamore, American	30	FACW
X <i>Acer negundo</i>	Box-Elder	20	FACW

% Species that are OBL, FACW, or FAC (except FAC-): **100** Cowardin Classification:

Remarks
 Grass is mostly dormant.

Hydrology

	Primary Wetland Hydrology Indicators	Secondary Hydrology Indicators
<input type="checkbox"/> Recorded Data (describe in remarks)	<input checked="" type="checkbox"/> Inundated	<input checked="" type="checkbox"/> Oxidized root channels
<input type="checkbox"/> Stream, Lake, or Tide Gage	<input checked="" type="checkbox"/> Saturated in upper 12 inches	<input type="checkbox"/> Water-stained leaves
<input type="checkbox"/> Aerial Photograph	<input type="checkbox"/> Water marks	<input type="checkbox"/> Local soil survey data
<input type="checkbox"/> Other (describe in remarks)	<input type="checkbox"/> Drift lines	<input type="checkbox"/> FAC-Neutral test
Field Observations:	<input type="checkbox"/> Sediment deposits	<input type="checkbox"/> Other (explain in remarks)
Depth of Surface Water(in.): 0	<input type="checkbox"/> Drainage patterns in wetlands	
Depth to Free Water in Pit(in.): 6		
Depth to Saturated Soils(in.): 6		

Remarks

Soils

Depth (in.)	Hor.	Matrix Color	Mottle / 2nd Mottle			Texture, Structure, etc.
			Color	Abundance	Contrast	
0-8		10YR 3/2	10YR 4/4	few	faint	silty clay
8-14		GLE Y1 3/10Y	10R 7/3	few	faint	
			GLE Y2 4/5GY	common	faint	silt

Hydric Soils Indicators

- | | |
|---|---|
| <input checked="" type="checkbox"/> Histosol | <input type="checkbox"/> Concretions |
| <input checked="" type="checkbox"/> Histic Epipedon | <input checked="" type="checkbox"/> High Organic % in Surface Layer |
| <input checked="" type="checkbox"/> Sulfidic Odor | <input type="checkbox"/> Organic Streaking |
| <input checked="" type="checkbox"/> Probable Aquatic Moist Regime | <input type="checkbox"/> Listed on Local Hydric Soils List |
| <input checked="" type="checkbox"/> Reducing Conditions | <input type="checkbox"/> Listed on National Hydric Soils List |
| <input checked="" type="checkbox"/> Gleyed or Low-Chroma Colors | <input type="checkbox"/> Other (explain in remarks) |

Unit Name: Taxonomy:
 Drainage Class: Field Observations match map

Remarks
 Gley strata smells like rotting vegetation, numerous dead roots, oxidized rhizospheres prevalent at interface between zones

Wetland Determination

- Hydrophytic Vegetation Present This Data Point is a Wetland
 Hydric Soils Present
 Wetland Hydrology Present

Remarks