

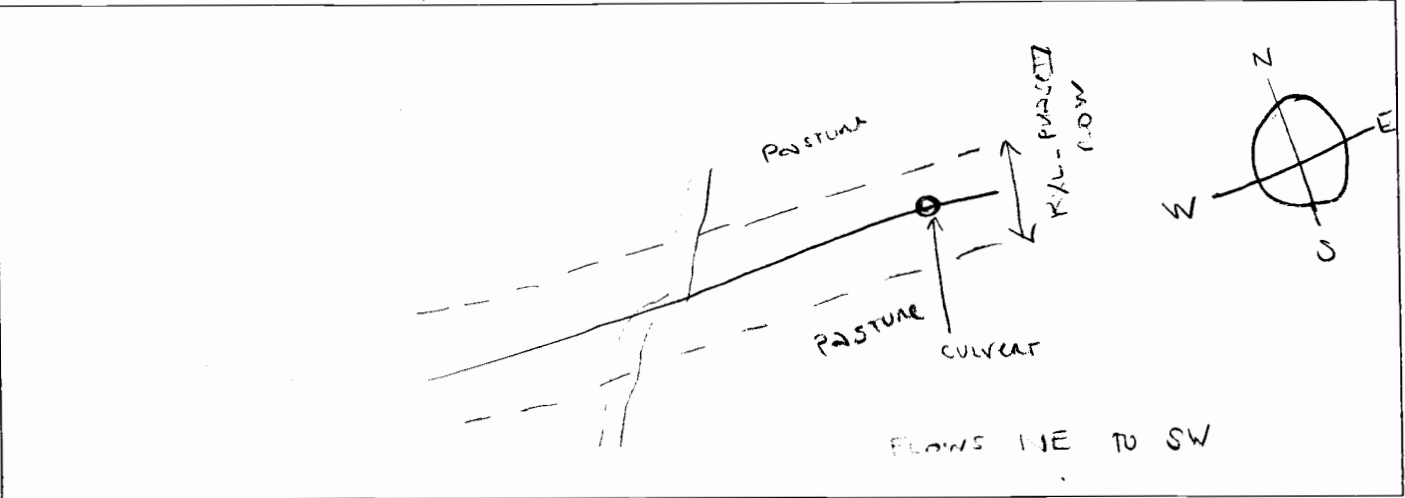
Waterbody Data Form

0275HK001

Centerline Re-Route Access Road Ancillary Facility Transmission Line Other

Centerline ID:		Project Designated Name: KXL-PHASE IV	
Date: 6/13/11	Client/Project Name: TRANSCALIBDA-KXL	Milepost Enter/Exit: 473.2	
Team: 275	State/County: MISSOURI	Quad Name:	
Logbook No.:	Logbook Page No.:	Tract No.: ML-SD-HK-01430000	ML-SD-HK-01445.000

Drawing (Please provide orientation arrow, all features identified, location to centerline, etc.)



Waterbody Type:		<input type="checkbox"/> Lake	<input type="checkbox"/> Pond	<input type="checkbox"/> Borrow Pit	<input type="checkbox"/> Stream	<input type="checkbox"/> Ag. Ditch	<input type="checkbox"/> Other				
Stream Flow:		<input type="checkbox"/> Fast	<input type="checkbox"/> Moderate	<input checked="" type="checkbox"/> Slow	<input type="checkbox"/> Very Slow	<input type="checkbox"/> None					
Flow Type:		<input type="checkbox"/> Perennial (Flows year round)		<input type="checkbox"/> Intermittent (Flows <3 month)		<input type="checkbox"/> None					
		<input type="checkbox"/> Seasonal (Continuous flow ≥ 3 months)		<input checked="" type="checkbox"/> Ephemeral (Flows only in response to rainfall)							
Direction of Flow:		<input type="checkbox"/> N	<input type="checkbox"/> NE	<input type="checkbox"/> E	<input type="checkbox"/> SE	<input type="checkbox"/> S	<input checked="" type="checkbox"/> SW	<input type="checkbox"/> W	<input type="checkbox"/> NW	<input type="checkbox"/> No Flow	
OHWM Width (ft.):		1 FT									
Sinuosity:		<input type="checkbox"/> Braided	<input checked="" type="checkbox"/> Meandering	<input type="checkbox"/> Straight	<input type="checkbox"/> N/A						
Stream Width (ft.):		3			Water Surface (At Crossing Location)						
Stream Depth (ft.):		<input type="checkbox"/> 0	<input checked="" type="checkbox"/> 1-3	<input type="checkbox"/> 3-6	<input type="checkbox"/> 6-12	<input type="checkbox"/> 12-18	<input type="checkbox"/> 18-24	<input type="checkbox"/> 24-36	<input type="checkbox"/> 36-48	<input type="checkbox"/> 48-60	<input type="checkbox"/> 60+
OHWM Indicators:											
Bank Height (ft.):		Left:		<input type="checkbox"/> 0-2	<input checked="" type="checkbox"/> 2-4	<input type="checkbox"/> 4-6	<input type="checkbox"/> 6-8	<input type="checkbox"/> 8+			
(Looking Downstream)		Right:		<input type="checkbox"/> 0-2	<input checked="" type="checkbox"/> 2-4	<input type="checkbox"/> 4-6	<input type="checkbox"/> 6-8	<input type="checkbox"/> 8+			
Bank Slope:		Left:		<input type="checkbox"/> 4:1	<input type="checkbox"/> 3:1	<input type="checkbox"/> 2:1	<input type="checkbox"/> 1:1	<input type="checkbox"/> Vertical			
(Looking Downstream)		Right:		<input type="checkbox"/> 4:1	<input type="checkbox"/> 3:1	<input type="checkbox"/> 2:1	<input type="checkbox"/> 1:1	<input type="checkbox"/> Vertical			

Qualitative Attributes

Water Appearance:			
<input type="checkbox"/> Clear	<input type="checkbox"/> Turbid	<input type="checkbox"/> Sheen on Surface	<input checked="" type="checkbox"/> Floating Algal Mats
<input type="checkbox"/> Slightly Turbid	<input type="checkbox"/> Very Turbid	<input checked="" type="checkbox"/> Greenish Color	<input type="checkbox"/> Obvious Surface Scum
<input type="checkbox"/> No Flow	<input type="checkbox"/> Other:		
Stream Substrate %:			
Aquatic Habitats:			
<input type="checkbox"/> Sand Bar	<input type="checkbox"/> Gravel Riffle	<input type="checkbox"/> In-stream Emergent Plant	% Cover:
<input type="checkbox"/> Gravel Bar	<input type="checkbox"/> Deep Pools	<input type="checkbox"/> In-stream Submerged Plant	% Cover:
<input checked="" type="checkbox"/> Mud Bar	<input type="checkbox"/> Bank Root Systems	<input type="checkbox"/> Fringing Wetlands	Characteristics:
<input type="checkbox"/> Undercut Banks	<input type="checkbox"/> Overhanging Trees/Shrubs	<input type="checkbox"/> None	
Aquatic Organisms Observed:			
Riparian Zone:			
Width of Natural Vegetation Zone from Edge of Active Channel out to Flood Plain (ft): Left - Right -			
Vegetative Layers: <input checked="" type="checkbox"/> Herbs <input type="checkbox"/> Shrubs <input type="checkbox"/> Trees <input type="checkbox"/> Multiple			
Significant Bare Areas Within Riparian Zone <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown			
Evidence Of Non-Buffered Concentrated Flows: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown			
Tributary Condition:			
<input type="checkbox"/> Natural <input type="checkbox"/> Artificial (Man-Made) <input checked="" type="checkbox"/> Manipulated <i>CULVERT</i>			
Channel Condition:			
<input type="checkbox"/> Channelization/Braiding <input type="checkbox"/> Unnatural Straightening <input type="checkbox"/> Downcutting			
<input type="checkbox"/> Dikes/Berms <input type="checkbox"/> Excessive Bank Erosion <input type="checkbox"/> N/A			
Disturbances:			
<input checked="" type="checkbox"/> Livestock Access to Riparian Zone <input checked="" type="checkbox"/> Manure In Stream or On Banks			
<input type="checkbox"/> Waste Discharge Pipes Present			
<input type="checkbox"/> Other:			

Habitat Characteristics, Aquatic, and Terrestrial Diversity Description:
Habitat ID Number: <i>S2754X001</i>

Comments:

Stream Quality: <input type="checkbox"/> High <input type="checkbox"/> Moderate <input checked="" type="checkbox"/> Low
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*Photo S2754X001 - 001 NE (UP)
 - 002 W (ACROSS)
 - 003 SW (DOWN)*