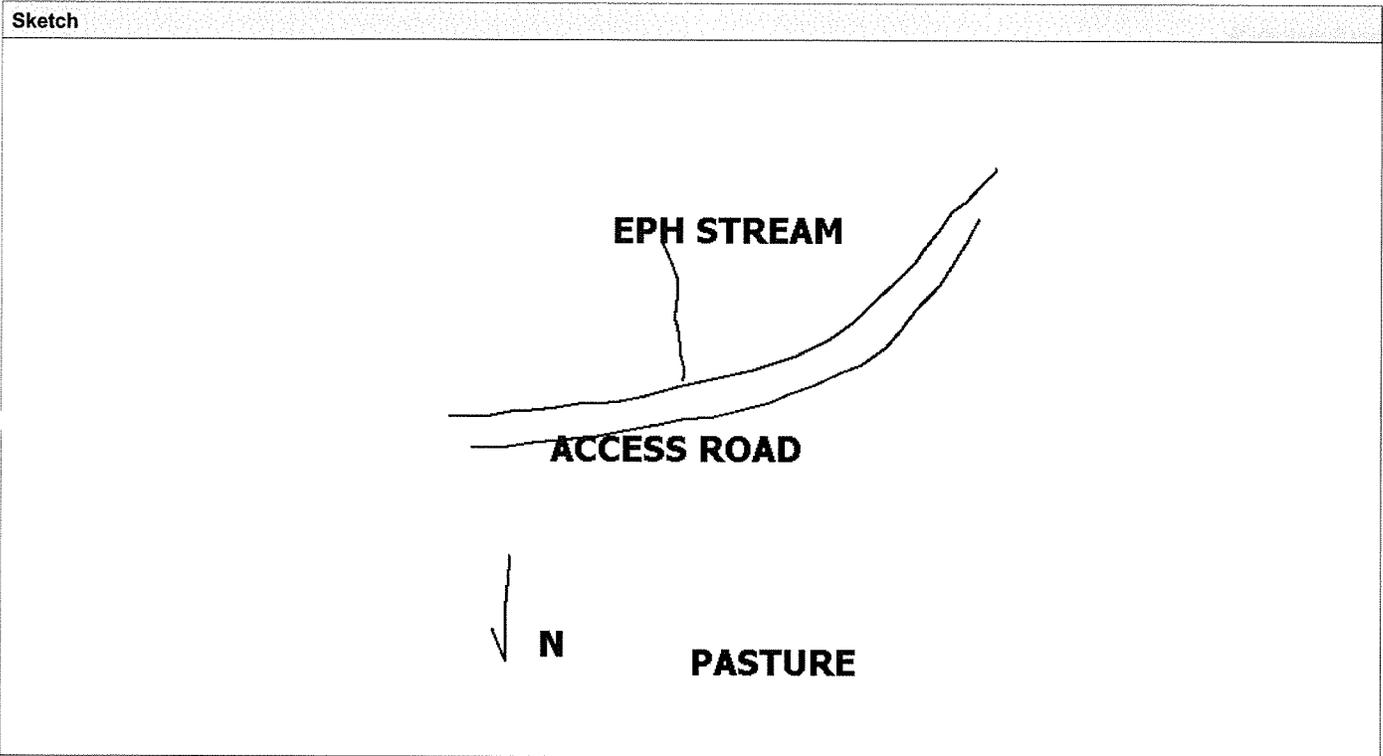


**Waterbody Data Form**

**Feature ID: S106TR002**

Centerline  Re-Route  Access Road  Ancillary Facility  Transmission Line  Other

Centerline ID: 20090331AR		Feature Designated Name: CAR106TR080	
Date: 2009/04/22	Client/Project Name: Keystone XL- 10623-007	Milepost Enter/Exit: 2.01 - 2.01	
Team: 106	State/County: SD - Tripp	Quad Name: Presho 4 NW	
Logbook No.: 1	Logbook Page No.: 8	Tract No.: ML-SD-TR-10080.000	



<b>Waterbody Type:</b>	<input type="checkbox"/> Lake	<input type="checkbox"/> Pond	<input type="checkbox"/> Borrow Pit	<input checked="" type="checkbox"/> Stream	<input type="checkbox"/> Ag. Ditch	<input type="checkbox"/> Other				
<b>Stream Flow:</b>	<input type="checkbox"/> Fast	<input type="checkbox"/> Moderate	<input type="checkbox"/> Slow	<input type="checkbox"/> Very Slow	<input checked="" type="checkbox"/> None					
<b>Flow Type:</b>	<input type="checkbox"/> Perennial (Flows year round)		<input type="checkbox"/> Intermittent (Flows <3 months)		<input type="checkbox"/> None					
	<input type="checkbox"/> Seasonal (Continuous flow ≥ 3 months)		<input checked="" type="checkbox"/> Ephemeral (Flows only in response to rainfall)							
<b>Direction of Flow:</b>	<input type="checkbox"/> N	<input type="checkbox"/> NE	<input type="checkbox"/> E	<input type="checkbox"/> SE	<input checked="" type="checkbox"/> S	<input type="checkbox"/> SW	<input type="checkbox"/> W	<input type="checkbox"/> NW	<input type="checkbox"/> No Flow	
<b>OHWM Width (ft.):</b>	0.5									
<b>Sinuosity:</b>	<input type="checkbox"/> Braided	<input type="checkbox"/> Meandering	<input checked="" type="checkbox"/> Straight		<input type="checkbox"/> N/A					
<b>Stream Width (ft.):</b>	1			<b>Water Surface (At Crossing Location):</b>	0					
<b>Stream Depth (in.):</b>	<input checked="" type="checkbox"/> 0	<input 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+

**AECOM Environment**  
1601 PROSPECT PKWY  
FORT COLLINS CO 80525-9992

<b>OHWM Indicators:</b> BENT, MATTED OR MISSING VEGETATION SCOUR						
<b>Bank Height (ft.):</b> (Looking Downstream)	Left:	<input checked="" type="checkbox"/> 0-2	<input type="checkbox"/> 2-4	<input type="checkbox"/> 4-6	<input type="checkbox"/> 6-8	<input type="checkbox"/> 8+
	Right:	<input checked="" type="checkbox"/> 0-2	<input type="checkbox"/> 2-4	<input type="checkbox"/> 4-6	<input type="checkbox"/> 6-8	<input type="checkbox"/> 8+
<b>Bank Slope:</b> (Looking Downstream)	Left:	<input type="checkbox"/> 4:1	<input checked="" type="checkbox"/> 3:1	<input type="checkbox"/> 2:1	<input type="checkbox"/> 1:1	<input type="checkbox"/> Vertical
	Right:	<input checked="" 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**

<b>Water Appearance:</b>			
<input type="checkbox"/> Clear	<input type="checkbox"/> Turbid	<input type="checkbox"/> Sheen on Surface	<input type="checkbox"/> Floating Algal Mats
<input type="checkbox"/> Slightly Turbid	<input type="checkbox"/> Very Turbid	<input type="checkbox"/> Greenish Color	<input type="checkbox"/> Obvious Surface Scum
<input checked="" type="checkbox"/> No Flow	<input type="checkbox"/> Other:		
<b>Stream Substrate %:</b>			
25% SANDS			
75% SILTS			
<b>Aquatic Habitats:</b>			
<input type="checkbox"/> Sand Bar	<input type="checkbox"/> Gravel Riffle	<input type="checkbox"/> In-stream Emergent Plants	% Cover: 0
<input type="checkbox"/> Gravel Bar	<input type="checkbox"/> Deep Pools	<input type="checkbox"/> In-stream Submerged Plants	% Cover: 0
<input 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	
<b>Aquatic Organisms Observed:</b>			
<b>Riparian Zone:</b>			
Width of Natural Vegetation Zone from Edge of Active Channel out to Flood Plain (ft): Left -0 Right - 0			
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			
<b>Tributary Condition:</b> <input checked="" type="checkbox"/> Natural <input type="checkbox"/> Artificial (Man-Made) <input type="checkbox"/> Manipulated			
<b>Channel Condition:</b> <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			
<b>Disturbances:</b> <input type="checkbox"/> Livestock Access to Riparian Zone <input type="checkbox"/> Manure In Stream or On Banks			
<input type="checkbox"/> Waste Discharge Pipes Present			
<input type="checkbox"/> Other:			

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

<b>Comments:</b>
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<b>Stream Quality:</b> <input type="checkbox"/> High <input type="checkbox"/> Moderate <input checked="" type="checkbox"/> Low
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