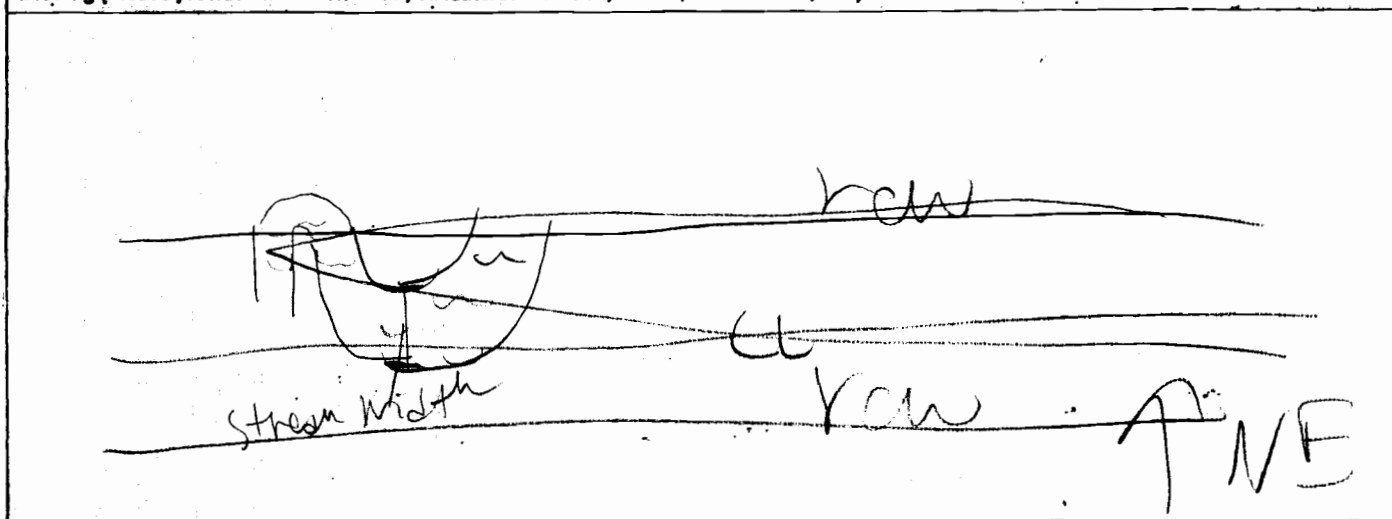


Waterbody Data Form

Centerline Re-Route Access Road Ancillary Facility Transmission Line Other

Centerline ID: S313TR001		Project Designated Name: KXL	
Date: 10/10/12	Client/Project Name: _____		Milepost Enter/Exit: 547.4
Team: 313	State/County: SD, TR		Quad Name: _____
Logbook No.: _____	Logbook Page No.: 10	Tract No.: ML-SD-TR-10200	

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 checked="" type="checkbox"/> Stream <input type="checkbox"/> Ag. Ditch <input type="checkbox"/> Other	
Stream Flow: <input type="checkbox"/> Fast <input type="checkbox"/> Moderate <input type="checkbox"/> Slow <input type="checkbox"/> Very Slow <input checked="" type="checkbox"/> None	
Flow Type: <input type="checkbox"/> Perennial (Flows year round) <input checked="" type="checkbox"/> Intermittent (Flows <3 month) <input type="checkbox"/> None <input type="checkbox"/> Seasonal (Continuous flow ≥ 3 months) <input 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 type="checkbox"/> SW <input type="checkbox"/> W <input type="checkbox"/> NW <input checked="" type="checkbox"/> No Flow	
OHWM Width (ft.): 31.5	
Sinuosity: <input type="checkbox"/> Braided <input checked="" type="checkbox"/> Meandering <input type="checkbox"/> Straight <input type="checkbox"/> N/A	
Stream Width (ft.): 31.5	Water Surface (At Crossing Location) _____
Stream Depth (ft.): <input type="checkbox"/> 0 <input type="checkbox"/> 1-3 <input type="checkbox"/> 3-6 <input checked="" 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: downcutting	
Bank Height (ft.): (Looking Downstream)	Left: <input type="checkbox"/> 0-2 <input type="checkbox"/> 2-4 <input type="checkbox"/> 4-6 <input checked="" type="checkbox"/> 6-8 <input type="checkbox"/> 8+ Right: <input type="checkbox"/> 0-2 <input type="checkbox"/> 2-4 <input checked="" type="checkbox"/> 4-6 <input type="checkbox"/> 6-8 <input type="checkbox"/> 8+
Bank Slope: (Looking Downstream)	Left: <input type="checkbox"/> 4:1 <input type="checkbox"/> 3:1 <input checked="" type="checkbox"/> 2:1 <input type="checkbox"/> 1:1 <input type="checkbox"/> Vertical Right: <input type="checkbox"/> 4:1 <input type="checkbox"/> 3:1 <input type="checkbox"/> 2:1 <input type="checkbox"/> 1:1 <input checked="" type="checkbox"/> Vertical

photos: S313TR001-001N
 S313TR001-002E
 S313TR001-003S
 S313TR001-004W

Qualitative Attributes

Water Appearance:			
<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:		
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 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 checked="" type="checkbox"/> None	
Aquatic Organisms Observed: _____			
Riparian Zone:			
Width of Natural Vegetation Zone from Edge of Active Channel out to Flood Plain (ft): Left - 100 Right - 100			
Vegetative Layers: <input checked="" type="checkbox"/> Herbs <input checked="" 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown			
Tributary Condition: <input type="checkbox"/> Natural <input type="checkbox"/> Artificial (Man-Made) <input checked="" type="checkbox"/> Manipulated			
Channel Condition: <input checked="" type="checkbox"/> Channelization/Braiding <input type="checkbox"/> Unnatural Straightening <input checked="" type="checkbox"/> Downcutting			
<input checked="" 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:	S313TR001

Comments:

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