

## Waterbody Data Form

Centerline 
  Re-Route 
  Access Road 
  Ancillary Facility 
  Transmission Line 
  Other

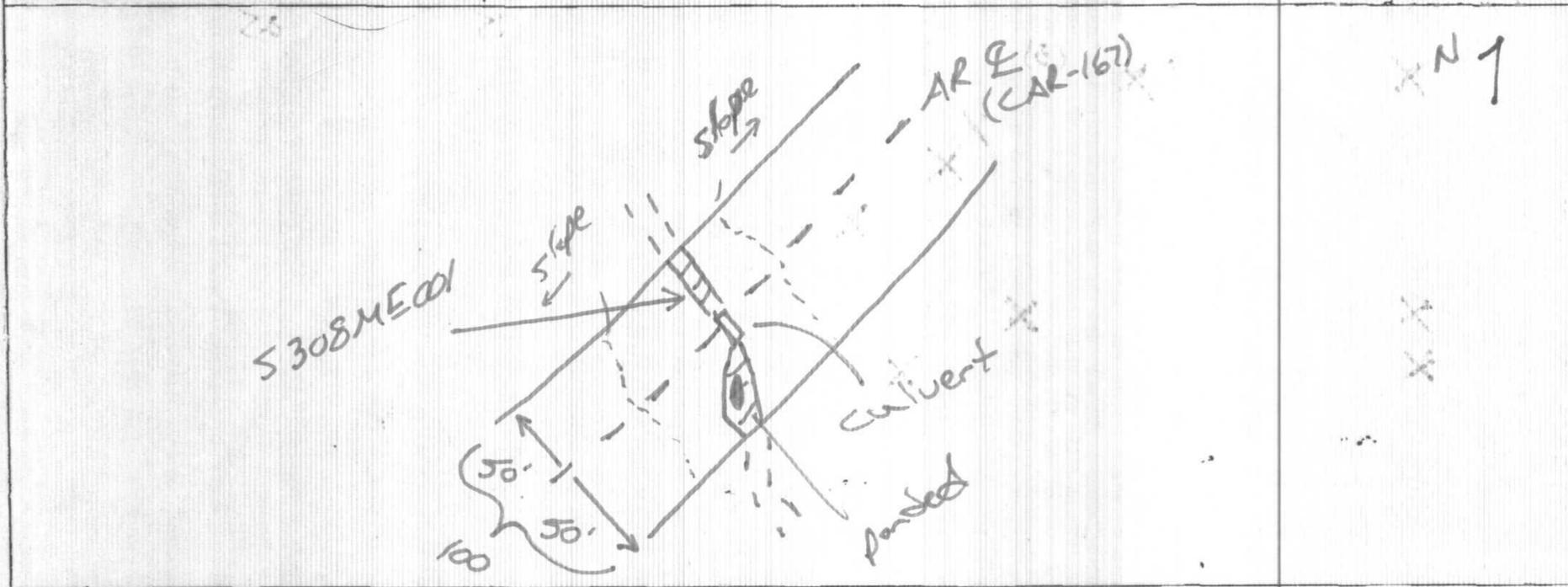
Centerline ID: **5308ME001**
Project Designated Name: **KXL**

Date: **7-24-12**
Client/Project Name:
Milepost Enter/Exit: **~404.60 / CAR-167 (MP 3.5)**

Team: **308**
State/County: **SD / Meade**
Quad Name:

Logbook No.: **308**
Logbook Page No.:
Tract No.: **AR-SD-ME-04000.000**

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



Waterbody Type: 
  Lake 
  Pond 
  Borrow Pit 
  Stream 
  Ag. Ditch 
  Other

Stream Flow: 
  Fast 
  Moderate 
  Slow 
  Very Slow 
  None

Flow Type: 
  Perennial (Flows year round) 
  Intermittent (Flows <3 month) 
  None  
 Seasonal (Continuous flow ≥ 3 months) 
  Ephemeral (Flows only in response to rainfall)

Direction of Flow: 
  N 
  NE 
  E 
  SE 
  S 
  SW 
  W 
  NW 
  No Flow

OHWM Width (ft.): **4**

Sinuosity: 
  Braided 
  Meandering 
  Straight 
  N/A

Stream Width (ft.): **6**
Water Surface (At Crossing Location) **None**

Stream Depth (ft.): 
  0 
  1-3 
  3-6 
  6-12 
  12-18 
  18-24 
  24-36 
  36-48 
  48-60 
  60+

OHWM Indicators: **clear line along bank, void of vegetation**

Bank Height (ft.) (Looking Downstream)  
 Left:  0-2  2-4  4-6  6-8  8+  
 Right:  0-2  2-4  4-6  6-8  8+

Bank Slope: (Looking Downstream)  
 Left:  4:1  3:1  2:1  1:1  Vertical  
 Right:  4:1  3:1  2:1  1:1  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> <i>Clay 100%</i>	
<b>Aquatic Habitats:</b> <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 type="checkbox"/> None	
<b>Aquatic Organisms Observed:</b> <i>N/A</i>	
<b>Riparian Zone:</b> Width of Natural Vegetation Zone from Edge of Active Channel out to Flood Plain (ft): Left - <i>75</i> Right - <i>25</i> Vegetative Layers: <input checked="" type="checkbox"/> Herbs <input type="checkbox"/> Shrubs <input checked="" type="checkbox"/> Trees <sup>(3)</sup> <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 type="checkbox"/> Natural <input type="checkbox"/> Artificial (Man-Made) <input checked="" type="checkbox"/> Manipulated	
<b>Channel Condition:</b> <input type="checkbox"/> Channelization/Braiding <input type="checkbox"/> Unnatural Straightening <input type="checkbox"/> Downcutting <input checked="" type="checkbox"/> Dikes/Berms <input checked="" type="checkbox"/> Excessive Bank Erosion <input type="checkbox"/> N/A	
<b>Disturbances:</b> <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:	

<b>Habitat Characteristics, Aquatic, and Terrestrial Diversity Description:</b> Habitat ID Number:
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<b>Comments:</b> <i>Tributary is a low quality tributary of Sulphur Creek. An existing structure crosses over the tributary through a single culvert which has caused ponding on the upstream side. The downstream side exhibits a narrow channel which loses stream beyond the survey corridor.</i>
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<b>Stream Quality:</b> <input type="checkbox"/> High <input type="checkbox"/> Moderate <input checked="" type="checkbox"/> Low  <i>notations to find that are not in table</i>
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X  
X  
X  
X