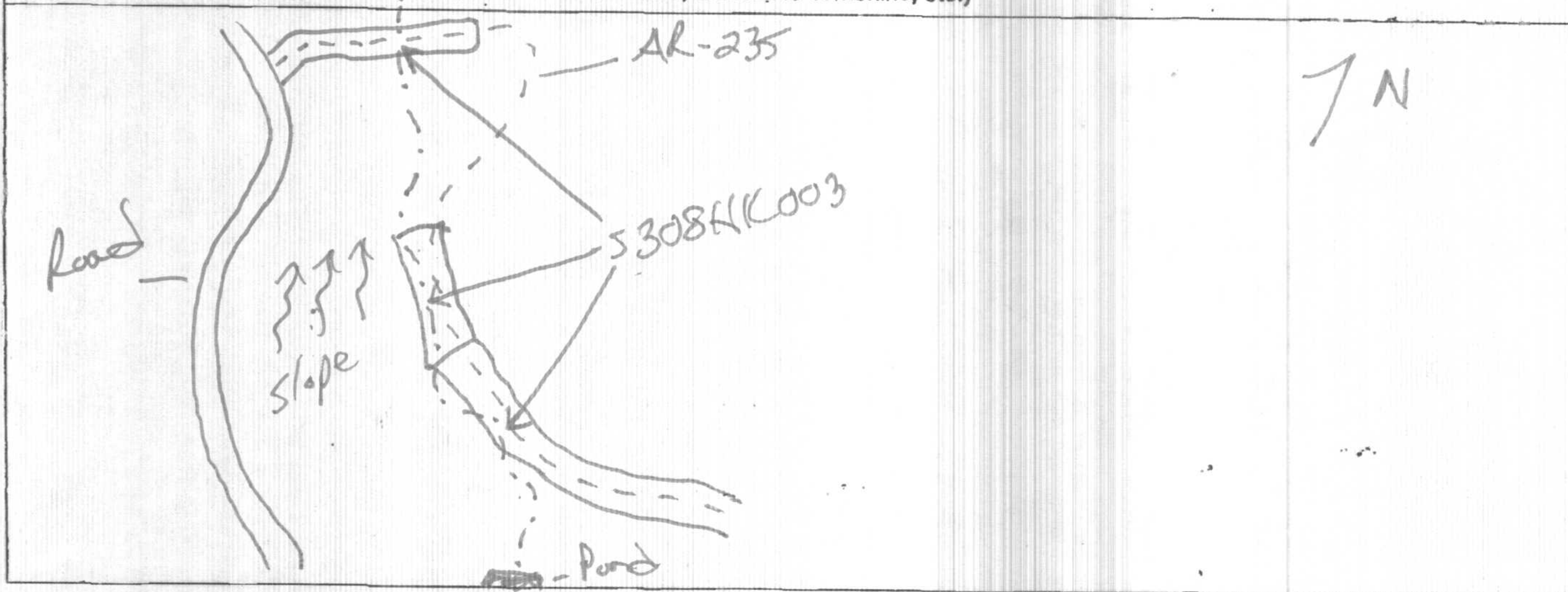


Waterbody Data Form

☐ Centerline ☐ Re-Route ☒ Access Road ☐ Ancillary Facility ☐ Transmission Line ☐ Other

Centerline ID: <u>S308HK003</u>		Project Designated Name: <u>KXL</u>	
Date: <u>7-26-12</u>	Client/Project Name:		Milepost Enter/Exit: <u>CAK-235 (0.05/0.29-0.38/0.42-0.44)</u>
Team: <u>308</u>	State/County: <u>SD/ Haakon</u>		Quad Name:
Logbook No.: <u>308</u>	Logbook Page No.:	Tract No.: <u>ML-SD-HK-11835.000, ML-SD-HK-119000.00L</u>	

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.):		<u>Up-2 / Down-6</u>					
Sinuosity:		☐ Braided	☒ Meandering	☐ Straight	☐ N/A		
Stream Width (ft.):		<u>None</u>		Water Surface (At Crossing Location) <u>None</u>			
Stream Depth (ft.):		☒ 0	☐ 1-3	☐ 3-6	☐ 6-12	☐ 12-18	☐ 18-24
		☐ 24-36	☐ 36-48	☐ 48-60	☐ 60+		
OHWM Indicators:		<u>Vegetation absent.</u>					
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

6-8' @ crossing location

Qualitative Attributes

Water Appearance:			
☐ Clear	☐ Turbid	☐ Sheen on Surface	☐ Floating Algal Mats
☐ Slightly Turbid	☐ Very Turbid	☐ Greenish Color	☐ Obvious Surface Scum
☒ No Flow	☐ Other:		
Stream Substrate %: <i>clay (100%) (100%)</i>			
Aquatic Habitats:			
☐ Sand Bar	☐ Gravel Riffle	☐ In-stream Emergent Plant	% Cover: <i>60</i>
☐ Gravel Bar	☐ Deep Pools	☐ In-stream Submerged Plant	% Cover:
☐ Mud Bar	☐ Bank Root Systems	☒ Fringing Wetlands	Characteristics: <i>small pockets, mostly likely beyond ROW.</i>
☐ Undercut Banks	☒ Overhanging Trees/Shrubs	☐ None	
Aquatic Organisms Observed:			
Riparian Zone:			
Width of Natural Vegetation Zone from Edge of Active Channel out to Flood Plain (ft): Left - <i>15</i> Right - <i>15</i>			
Vegetative Layers: ☒ Herbs ☐ Shrubs ☐ Trees ☐ Multiple			
Significant Bare Areas Within Riparian Zone ☐ Yes ☒ No ☐ Unknown			
Evidence Of Non-Buffered Concentrated Flows: ☐ Yes ☒ No ☐ Unknown			
Tributary Condition: ☐ Natural ☐ Artificial (Man-Made) ☒ Manipulated			
Channel Condition:			
☐ Channelization/Braiding	☐ Unnatural Straightening	☐ Downcutting	
☐ Dikes/Berms	☒ Excessive Bank Erosion	☐ N/A	
Disturbances:			
☒ Livestock Access to Riparian Zone ☒ Manure In Stream or On Banks			
☐ Waste Discharge Pipes Present			
☐ Other:			

Habitat Characteristics, Aquatic, and Terrestrial Diversity Description:
Habitat ID Number:

Comments:
<i>Tributary of Bob River. Waterbody has been altered by damming a pond upstream. Waterbody is influenced largely by the pond and afterflow. The tributary enters the survey area at 3 different locations and generally drains along a section of CDL-235.</i>

Stream Quality:
☐ High ☐ Moderate ☒ Low