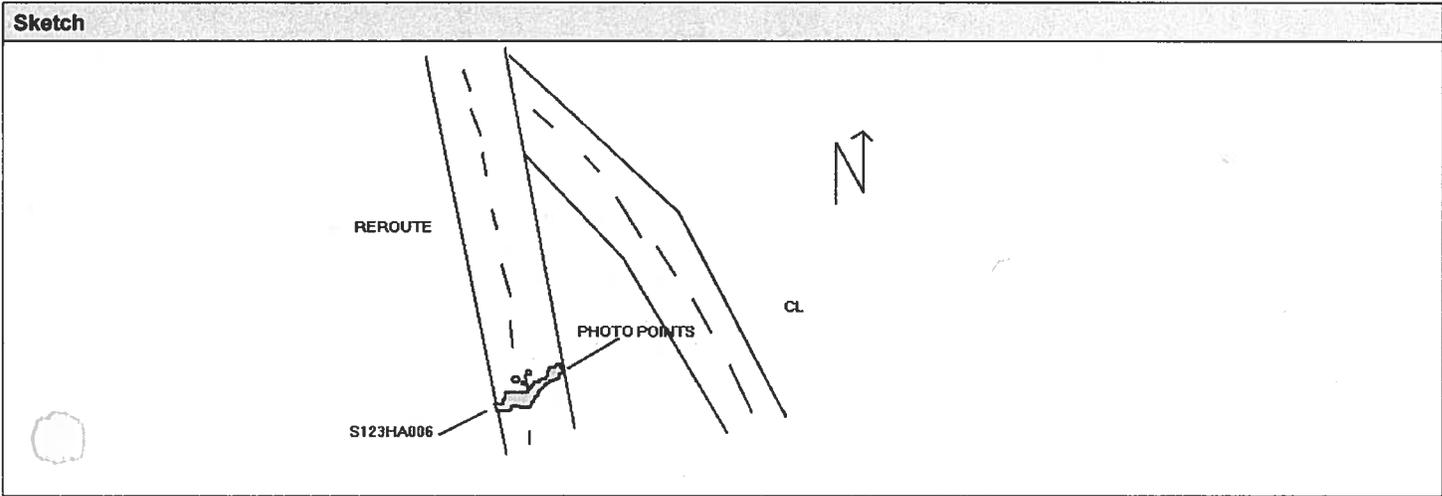


**Waterbody Data Form**

**Feature ID: S123HA006**  
**SOUTH FORK GRAND RIVER**

Centerline  Re-Route  Access Road  Ancillary Facility  Transmission Line  Other

Centerline ID: 20091019		Project Designated Name:	
Date: 2009/09/16	Client/Project Name: 10623-016	Milepost Enter/Exit: 318.145 - 318.183	
Team: 123	State/County: SD - Harding	Quad Name: Buffalo	
Logbook No.: 1	Logbook Page No.: 44	Tract No.: ML-SD-HA-01795.000	



<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 checked="" type="checkbox"/> Moderate	<input type="checkbox"/> Slow	<input type="checkbox"/> Very Slow	<input type="checkbox"/> None					
<b>Flow Type:</b>	<input checked="" 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 type="checkbox"/> Ephemeral (Flows only in response to rainfall)							
<b>Direction of Flow:</b>	<input type="checkbox"/> N	<input type="checkbox"/> NE	<input checked="" type="checkbox"/> E	<input type="checkbox"/> SE	<input 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>	6									
<b>Sinuosity:</b>	<input type="checkbox"/> Braided	<input checked="" type="checkbox"/> Meandering	<input type="checkbox"/> Straight	<input type="checkbox"/> N/A						
<b>Stream Width (ft.):</b>	15			<b>Water Surface (At Crossing Location):</b>	3					
<b>Stream Depth (in.):</b>	<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:**

- ABRUPT PLANT COMMUNITY CHANGE
- GULLY, MATTED OR MISSING VEGETATION
- CLEAR NATURAL LINE ON BANK
- SCOUR
- SEDIMENT SORTING
- SHELVING
- SOIL CHARACTER CHANGES
- WRESTED 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**

**Water Appearance:**

- Clear  Turbid  Sheen on Surface  Floating Algal Mats
- Slightly Turbid  Very Turbid  Greenish Color  Obvious Surface Scum
- No Flow  Other:

**Stream Substrate %:**

20% SANDS  
 80% GRAVEL

**Aquatic Habitats:**

- Sand Bar  Gravel Riffle  In-stream Emergent Plant % Cover: 0
- Gravel Bar  Deep Pools  In-stream Submerged Plants % Cover: 0
- Mud Bar  Bank Root Systems  Fringing Wetlands Characteristics:
- Undercut Banks  Overhanging Trees/Shrubs  None

**Aquatic Organisms Observed:**

FROGS  
 FISH (JUVENILE)  
 SNAKES

**Riparian Zone:**

Width of Natural Vegetation Zone from Edge of Active Channel out to Flood Plain (ft): Left - 100 Right - 100  
 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:



Stream Quality:  High  Moderate  Low

