

**Waterbody Data Form**

BH2-127-03      S3071HK001

Centerline    Re-Route    Access Road    Ancillary Facility    Transmission Line    Other *Boreshole*

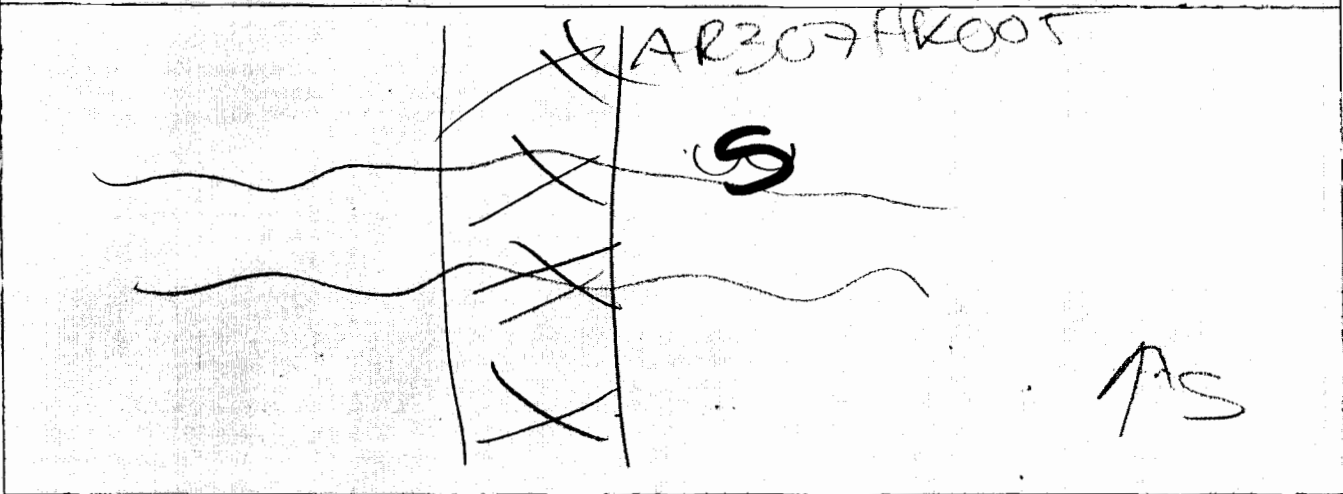
Centerline ID: \_\_\_\_\_ Project Designated Name: *KXL*

Date: *7-5-12* Client/Project Name: *KXL* Milepost Enter/Exit: *433*

Team: *307* State/County: *SD, HK* Quad Name: \_\_\_\_\_

Logbook No.: \_\_\_\_\_ Logbook Page No.: *41-42* Tract No.: *ML-SD-HK110*

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.):** *3 ft*

**Sinuosity:**  Braided    Meandering    Straight    N/A

**Stream Width (ft.):** *4 ft*   **Water Surface (At Crossing Location)** *NA*

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

**OHWM Indicators:** *veg. cut off*

**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

*32*

**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 %:** NA

**Aquatic Habitats:**  
 Sand Bar       Gravel Riffle       In-stream Emergent Plant      % Cover:  
 Gravel Bar       Deep Pools       In-stream Submerged Plant      % Cover:  
 Mud Bar       Bank Root Systems       Fringing Wetlands      Characteristics:  
 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 - 50 Right - 50  
 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: S307HK001

**Comments:** no water, mud

**Stream Quality:**  High  Moderate  Low

photos: S307HK001-001  
 S307HK001-002  
 S307HK001-003  
 S307HK001-004  
 SE