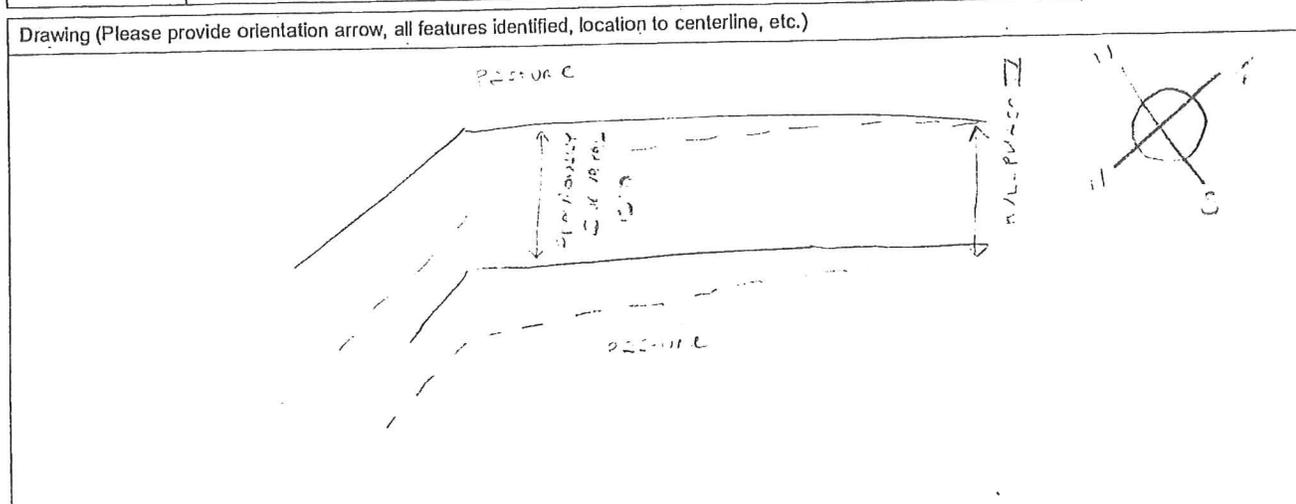


Waterbody Data Form

C275HK003

5275HK003

| | | | | | | |
|--|------------------------------------|-----------------------------------|--------------------------------------|---|--|--------------------------------|
| <input checked="" type="checkbox"/> Centerline | | <input type="checkbox"/> Re-Route | <input type="checkbox"/> Access Road | <input type="checkbox"/> Ancillary Facility | <input type="checkbox"/> Transmission Line | <input type="checkbox"/> Other |
| Centerline ID: | | | | Project Designated Name: KYL - Phase IV | | |
| Date: 6/14/11 | Client/Project Name: TRANSCANCO | | | | Milepost Enter/Exit: 450.85 | |
| Team: 275 | State/County: KANSAS | | | | Quad Name: | |
| Logbook No.: | Logbook Page No.: | Tract No.: MLSD-HK-00740.000 | | | | |



| | | | | | | | |
|----------------------|--|--|--|---|--|---|--------------------------------|
| 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 type="checkbox"/> None | |
| Flow Type: | | <input 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) | | | |
| Direction of Flow: | | <input type="checkbox"/> N | <input type="checkbox"/> NE | <input type="checkbox"/> E | <input type="checkbox"/> SE | <input checked="" type="checkbox"/> S | <input type="checkbox"/> SW |
| | | <input type="checkbox"/> W | <input type="checkbox"/> NW | <input type="checkbox"/> No Flow | | | |
| OHWM Width (ft.): | | | | | | | |
| Sinuosity: | | <input type="checkbox"/> Braided | <input checked="" type="checkbox"/> Meandering | <input type="checkbox"/> Straight | <input type="checkbox"/> N/A | | |
| Stream Width (ft.): | | 15 | | Water Surface (At Crossing Location) | | | |
| Stream Depth (ft.): | | <input type="checkbox"/> 0 | <input type="checkbox"/> 1-3 | <input checked="" 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: | | | | | | | |
| Bank Height (ft.): | | Left: | | <input type="checkbox"/> 0-2 | <input checked="" type="checkbox"/> 2-4 | <input checked="" type="checkbox"/> 4-6 | <input type="checkbox"/> 6-8 |
| (Looking Downstream) | | Right: | | <input type="checkbox"/> 0-2 | <input checked="" type="checkbox"/> 2-4 | <input checked="" type="checkbox"/> 4-6 | <input type="checkbox"/> 6-8 |
| Bank Slope: | | Left: | | <input type="checkbox"/> 4:1 | <input type="checkbox"/> 3:1 | <input type="checkbox"/> 2:1 | <input type="checkbox"/> 1:1 |
| (Looking Downstream) | | Right: | | <input type="checkbox"/> 4:1 | <input type="checkbox"/> 3:1 | <input type="checkbox"/> 2:1 | <input type="checkbox"/> 1:1 |
| | | | | <input type="checkbox"/> Vertical | <input type="checkbox"/> Vertical | | |

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 checked="" type="checkbox"/> Slightly Turbid | <input type="checkbox"/> Very Turbid | <input type="checkbox"/> Greenish Color | <input type="checkbox"/> Obvious Surface Scum |
| <input 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 checked="" type="checkbox"/> Mud Bar | <input type="checkbox"/> Bank Root Systems | <input type="checkbox"/> Fringing Wetlands | Characteristics: |
| <input checked="" type="checkbox"/> Undercut Banks | <input checked="" type="checkbox"/> Overhanging Trees/Shrubs | <input type="checkbox"/> None | |
| Aquatic Organisms Observed: | | | |
| Riparian Zone: | | | |
| Width of Natural Vegetation Zone from Edge of Active Channel out to Flood Plain (ft): | | Left - | Right - |
| Vegetative Layers: <input checked="" type="checkbox"/> Herbs <input type="checkbox"/> Shrubs <input checked="" type="checkbox"/> Trees <input type="checkbox"/> Multiple (swamp trees) | | | |
| Significant Bare Areas Within Riparian Zone <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown | | | |
| Evidence Of Non-Buffered Concentrated Flows: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown | | | |
| Tributary Condition: <input checked="" type="checkbox"/> Natural <input type="checkbox"/> Artificial (Man-Made) <input type="checkbox"/> Manipulated | | | |
| Channel Condition: | | | |
| <input type="checkbox"/> Channelization/Braiding | <input type="checkbox"/> Unnatural Straightening | <input type="checkbox"/> Downcutting | |
| <input 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:
 0275HK003

Comments:
 ** Nesting Great Blue Herons

Stream Quality: High Moderate Low

5275HK003
 0275HK003_001
 - 002
 - 003