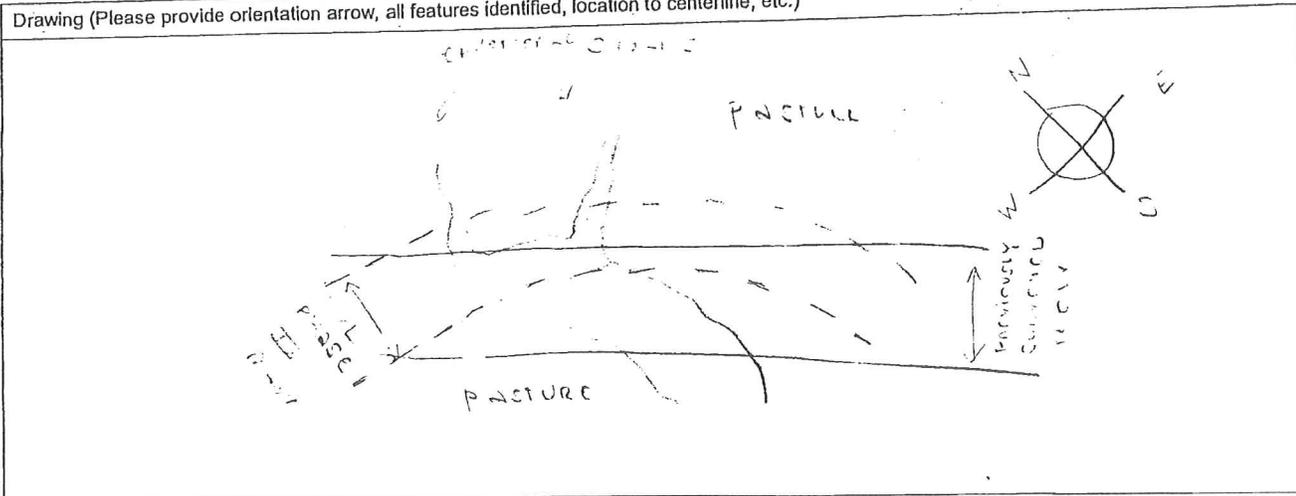


# Waterbody Data Form

S275HK002

<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		Project Designated Name: _____
Centerline ID: <u>KXL - PMSSE IV</u>		Milepost Enter/Exit: <u>467.4</u>
Date: <u>6/14/11</u>	Client/Project Name: <u>TRANSCANADO</u>	
Team: <u>275</u>	State/County: <u>HOCKESS</u>	Quad Name: _____
Logbook No.: _____	Logbook Page No.: _____	Tract No.: <u>ML-SD-HK-0128.000</u>

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



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 checked="" 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 checked="" 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 checked="" type="checkbox"/> SE <input type="checkbox"/> S <input type="checkbox"/> SW <input type="checkbox"/> W <input type="checkbox"/> NW <input type="checkbox"/> No Flow
OHWM Width (ft.):	<u>4 FT</u>
Sinuosity:	<input type="checkbox"/> Braided <input checked="" type="checkbox"/> Meandering <input type="checkbox"/> Straight <input type="checkbox"/> N/A
Stream Width (ft.):	<u>8 FT</u> Water Surface (At Crossing Location)
Stream Depth (ft.):	<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:	
Bank Height (ft.): (Looking Downstream)	Left: <input checked="" type="checkbox"/> 0-2 <input type="checkbox"/> 2-4 <input type="checkbox"/> 4-6 <input type="checkbox"/> 6-8 <input type="checkbox"/> 8+
	Right: <input checked="" type="checkbox"/> 0-2 <input type="checkbox"/> 2-4 <input type="checkbox"/> 4-6 <input type="checkbox"/> 6-8 <input type="checkbox"/> 8+
Bank Slope: (Looking Downstream)	Left: <input type="checkbox"/> 4:1 <input type="checkbox"/> 3:1 <input type="checkbox"/> 2:1 <input type="checkbox"/> 1:1 <input type="checkbox"/> Vertical
	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

**Qualitative Attributes**

<b>Water Appearance:</b>			
<input type="checkbox"/> Clear	<input checked="" 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 type="checkbox"/> No Flow	<input type="checkbox"/> Other:		
<b>Stream Substrate %:</b>			
<b>Aquatic Habitats:</b>			
<input type="checkbox"/> Sand Bar	<input type="checkbox"/> Gravel Riffle	<input checked="" type="checkbox"/> In-stream Emergent Plant 15 % 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>			
<b>Riparian Zone:</b>			
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 type="checkbox"/> Trees <input type="checkbox"/> Multiple			
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			
<b>Tributary Condition:</b> <input type="checkbox"/> Natural <input type="checkbox"/> Artificial (Man-Made) <input type="checkbox"/> Manipulated			
<b>Channel Condition:</b>			
<input type="checkbox"/> Channelization/Braiding		<input type="checkbox"/> Unnatural Straightening	
<input type="checkbox"/> Dikes/Berms		<input type="checkbox"/> Excessive Bank Erosion	
		<input type="checkbox"/> Downcutting	
		<input type="checkbox"/> N/A	
<b>Disturbances:</b>			
<input checked="" type="checkbox"/> Livestock Access to Riparian Zone		<input 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: 275H1002

**Comments:**

- Cattle found feeding stream (outside flow)

- Site disturbed by cattle

\*\* FORSING CURLEYS OBSERVED

**Stream Quality:**  High  Moderate  Low

**S275H1003**

\* PHOTOS S275H1002 - 001 W

- 002 NW

- 003 S