

**TXRAM STREAM DATA SHEET**

Project/Site Name/No.: \_\_\_\_\_ Project Type:  Fill/Impact ( Linear  Non-linear)  Mitigation/Conservation  
 Stream ID/Name: \_\_\_\_\_ SAR No.: \_\_\_\_\_ Size (LF): \_\_\_\_\_ Date: \_\_\_\_\_ Evaluator(s): \_\_\_\_\_  
 Stream Type: \_\_\_\_\_ Ecoregion: \_\_\_\_\_ Delineation Performed:  Previously  Currently  
 8-Digit HUC: \_\_\_\_\_ Watershed Condition (developed, pasture, etc.): \_\_\_\_\_ Watershed Size: \_\_\_\_\_  
 Aerial Photo Date and Source: \_\_\_\_\_ Site Photos: \_\_\_\_\_ Representative:  Yes  No  
 Stressor(s): \_\_\_\_\_ Are normal climatic/hydrologic conditions present?  Yes  No (If no, explain in Notes)

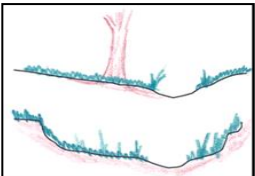

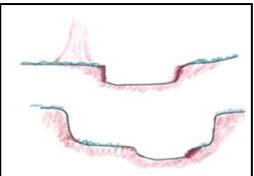
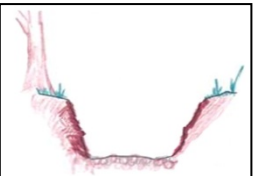
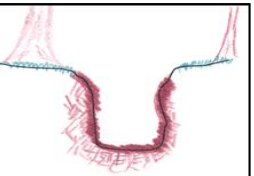
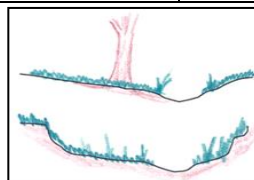
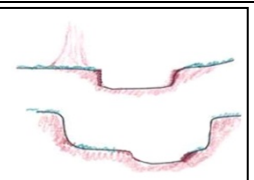
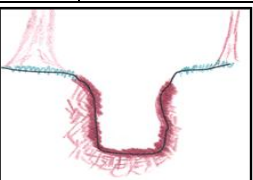
**Stream Characteristics**

<i>Stream Width (Feet)</i> (Bank to Bank Distance Used for Buffer Calculation)	<i>Stream Height/Depth (Feet)</i>
Avg. Bank to Bank	Avg. Banks:
Avg. Waters Edge:	Avg. Water:
Avg. OHWM:	Avg. OHWM:

Notes:

**CHANNEL CONDITION**

**Floodplain Connectivity**

<b>Perennial / Intermittent</b>					
	6 / 5	4	3	2	1
	Very little incision and access to the original floodplain or fully developed wide bankfull benches scores a "5" for this metric.  Very little incision and access to the original floodplain with significant floodplain connection indications (i.e., riverine wetlands) score a "6" for this metric.	Slight incision and likely having regular (i.e., at least once a year) access to bankfull benches or newly developed floodplains along majority of the reach.	Moderate incision and presence of near vertical/ undercut banks; irregular (i.e., greater than 2 year return interval) access to floodplain or possible access to floodplain or bankfull benches at isolated areas.	Overwidened or incised channel and likely to widen further; majority of both banks near vertical/undercut; unlikely/rarely having access to floodplain or bankfull benches.	Deeply incised channel or channelized flow; severe incision with flow contained within the banks; majority of banks vertical/undercut.
	<b>Ephemeral</b>				
		3	2	1	
Slight incision and unlikely/rarely having access to floodplain or bankfull benches.		Moderate incision and no access to floodplain.	Deeply incised channel or channelized flow; majority of banks vertical/undercut.		

**Score:** \_\_\_\_\_

**Bank Condition**

Left Bank Active Erosion: \_\_\_\_\_% Right Bank Active Erosion: \_\_\_\_\_% Average: \_\_\_\_\_  
 Bank Protection/Stabilization:  Natural  Artificial: \_\_\_\_\_

Score: \_\_\_\_\_

**Sediment Deposition**

- Less than 10% of the bottom covered by excessive sediment deposition; bars with established vegetation (5)
- 10–20% of the bottom covered by excessive sediment deposition; few established bars with indicators of recently deposited sediments (4)
- 20–30% of the bottom covered by excessive sediment deposition; some deposition on old bars and creating new bars; some sediment deposits at in-stream structures; OR obstructed view of the channel bottom and a lack of other depositional features (3)
- 30–50% of the bottom covered by excessive sediment deposition; some newly created bars; moderate sediment deposits at in-stream structures (2)
- Greater than 50% of the bottom covered by excessive sediment deposition resulting in aggrading channel (1)

Score: \_\_\_\_\_

**RIPARIAN BUFFER CONDITION**

*Riparian Buffer - See Table 26 to determine appropriate buffer distance. Confirm in office review.*

*Identify each buffer type and score using the primary or secondary buffer method of evaluation (see sections 3.3.2.1.2 and 3.3.2.1.4).*

<b>Left Bank</b>	<i>Primary Buffer Type</i>	<i>Canopy Cover</i>	<i>Vegetation Community</i>	<i>Land Use</i>	<i>Score</i>	<i>Percentage of Area</i>	<i>Subtotal</i>
	1.						
	2.						
	3.						
	4.						
	5.						
	<b>Left Bank Primary Buffer Subtotal: _____ X 0.7 = Left Bank Primary Buffer Total _____</b>						
	<i>Secondary Buffer Type</i>	<i>Canopy Cover</i>	<i>Land Use</i>	<i>Score</i>	<i>Percentage of Area</i>	<i>Subtotal</i>	
	1.						
	2.						
3.							
4.							
5.							
<b>Left Bank Secondary Buffer Subtotal: _____ X 0.3 = Left Bank Secondary Buffer Total _____</b>							
<b>Left Bank Primary Buffer Total + Left Bank Secondary Buffer Total = Composite Buffer Left Bank Metric Score _____</b>							
<b>Right Bank</b>	<i>Primary Buffer Type</i>	<i>Canopy Cover</i>	<i>Vegetation Community</i>	<i>Land Use</i>	<i>Score</i>	<i>Percentage of Area</i>	<i>Subtotal</i>
	1.						
	2.						
	3.						
	4.						
	5.						
	<b>Right Bank Primary Buffer Subtotal: _____ X 0.7 = Right Bank Primary Buffer Total _____</b>						
	<i>Secondary Buffer Type</i>	<i>Canopy Cover</i>	<i>Land Use</i>	<i>Score</i>	<i>Percentage of Area</i>	<i>Subtotal</i>	
	1.						
	2.						
3.							
4.							
5.							
<b>Right Bank Secondary Buffer Subtotal: _____ X 0.3 = Right Bank Secondary Buffer Total _____</b>							
<b>Right Bank Primary Buffer Total + Right Bank Secondary Buffer Total = Composite Buffer Right Bank Metric Score _____</b>							

**IN-STREAM CONDITION**

**Substrate Composition (estimate percentages)**

Boulder:	Gravel:	Fines (silt, clay, muck):	Artificial:	Large Woody Debris/Leaf Packs:
Cobble:	Sand:	Bedrock (smooth):	Bedrock (fractured):	

Default score due to excessive suspended sediment  Default score due to depth  Score: \_\_\_\_\_

**In-stream Habitat (check all habitat types that are present and check box for appropriate percent cover at each transect)**

Habitat Types by Presence and Cover	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13
Undercut Banks													
Overhanging Vegetation													
Rootmats													
Rootwads													
Woody Debris/Leaf Packs													
Boulders/Cobbles													
Aquatic Macrophytes													
Bedrock with Interstitial Space													
Artificial Habitat Enhancement													
Other:													
<b>Number Present</b>													
Percent Cover in Streams OHWM Width ≤ 15'	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13
Transect has 0% cover (0)													
Transect has 1-5% cover (1)													
Transect has 6-29% cover (2)													
Transect has 30-50% cover (3)													
Transect has > 50% cover (4)													
<b>Percent Cover Score</b>													
Percent Cover in Streams OHWM Width > than 15'	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13
Transect has 0% cover (0)													
Transect has 1-5% cover (1)													
Transect has 6-14% cover (2)													
Transect has 15-30% cover (3)													
Transect has > 30% cover (4)													
<b>Percent Cover Score</b>													
Habitat Types by Presence	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13
Riffle/Pool Sequence													
Canopy Cover 70% or Greater													
Natural Step-pools													
<b>Number Present</b>													
<b>Total Score</b>													

Average: \_\_\_\_\_ Score: \_\_\_\_\_

**HYDROLOGIC CONDITION**

**Flow Regime**

<input type="checkbox"/> Noticeable surface flow present (4)	<input type="checkbox"/> Isolated pools and no evidence of surface or interstitial flow (1)
<input type="checkbox"/> Continual pool of water but lacking noticeable flow (3)	<input type="checkbox"/> Dry channel and no observable pools or interstitial flow (0)
<input type="checkbox"/> Isolated pools and interstitial (subsurface) flow (2)	Artificial / altered water source <input type="checkbox"/> No <input type="checkbox"/> Yes: _____

Score: \_\_\_\_\_

**Channel Flow Status**

<input type="checkbox"/> Water covering greater than 75% of the channel bottom width; less than 25% of channel substrate is exposed (4)
<input type="checkbox"/> Water covering 50–75% of the channel bottom width; 25–50% of channel substrate is exposed (3)
<input type="checkbox"/> Water covering 25–50% of the channel bottom width; 50–75% of channel substrate is exposed (2)
<input type="checkbox"/> Water present but covering less than 25% of the channel bottom width; greater than 75% of channel substrate is exposed (1)
<input type="checkbox"/> No water present in the channel; 100% of channel substrate exposed (0)

Score: \_\_\_\_\_