

## **Table of Contents – DO NOT PRINT THIS PAGE**

One field form packet includes all core and contingent indicators that could be collected at a site. It is compiled such that if it is printed double-sided, each form will print on the back of the appropriate form for ease of field data collection. In addition to printing entire packets, it may also be desirable to just print extra copies of the physical habitat transect forms.

- Verification form (pg. 2)
- WQ and Bugs (pg. 3)
- Failed site form (pg. 4-5)
- Physical habitat transect data and LWD
  - 11 main transect and 10 mid transect forms (pg. 6-26)
    - Extra transect forms are not provided in each packet but may be needed to record data for side channels. Side channels should be labeled as “XA” etc. and data should be recorded on main transect forms. LWD on side channels can be recorded on mid-transect forms (back side of the main transect form).
- Visual estimates transect data (pg. 27-37)
  - 11 main transect forms
    - Visuals are not collected on side channels so no extra visual forms should be needed.
- Thalweg (pg. 38-47)
- Non-native vegetation (pg. 48-49)
- Pools and Slope (pg. 50-51)
- Pool tail fines (pg. 52)



<b>Site Code</b>	
------------------	--

<b>Crew initials</b>	
----------------------	--

Water Quality						
Date:	Operator:	Instrument:		Instrument ID:		
Sonde Measurements	Flag	Comments				
Calibration Date:						
Temp (C):						
pH:						
Conduct (uS):						
Temp corrected: Y N	<b>Flags:</b> N= Not collected, E=estimated, C=custom flag					
Grab sample	Turbidity (NTU)					
Date:	Reading 1	Reading 2	Reading 3	Additional	Additional	Average
Time						
Preservation: Frozen Acid	Comments					

Bugs			
<b>Method:</b> Reach Wide Targeted Riffle	Comments		
<b>Net:</b> Hess Kick Surber Mini Surber			
Date Collected:	Ethanol? Y N		
# Loc Sampled:	Total Area:	# of Jars:	

Photos						
Bottom of Reach Coordinates			Top of Reach Coordinates		Camera #:	
Lat: Long:			Lat: Long:		Date: Time:	
Photo #	Type*	Transect	Direction facing		Location	Photo description/comments
			US	DS	XS	LF RT
			US	DS	XS	LF RT
			US	DS	XS	LF RT
			US	DS	XS	LF RT
			US	DS	XS	LF RT
			US	DS	XS	LF RT
			US	DS	XS	LF RT
			US	DS	XS	LF RT
			US	DS	XS	LF RT
			US	DS	XS	LF RT
			US	DS	XS	LF RT
			US	DS	XS	LF RT
			US	DS	XS	LF RT
			US	DS	XS	LF RT
			US	DS	XS	LF RT

BR = Bottom of Reach, TR = Top of Reach, F= F-Transect, M = monument, V = overview, O = Other

Site Code

Crew initials

**Failed Form**

**Detailed Directions/ Access Attempts**

**Navigational Coordinates**

Lat/Long:		Description	
Lat/Long:		Description	
Lat/Long:		Description	
Lat/Long:		Description	
Lat/Long:		Description	

**Correspondence Log**

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Correspondence:

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Correspondence:

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Correspondence:

Site Code

Crew initials

**Failed Form**

Revisit		Comments
<input type="checkbox"/>	Different route or permission needed	
<input type="checkbox"/>	Verb/written denial	
<input type="checkbox"/>	Locked gate	
<input type="checkbox"/>	Marked fence	
<input type="checkbox"/>	Buildings/property	
<input type="checkbox"/>	Landowner not talked to	
<input type="checkbox"/>	Cliff	
<input type="checkbox"/>	Too long hike	
<input type="checkbox"/>	Extremely dense veg	
<input type="checkbox"/>	Dangerous hiking conditions	
<input type="checkbox"/>	Not Wadeable	
<input type="checkbox"/>	Too high	
<input type="checkbox"/>	Boatable	
<input type="checkbox"/>	kayak	
<input type="checkbox"/>	raft	
<input type="checkbox"/>	motor	
<input type="checkbox"/>	Other	
<input type="checkbox"/>	Backpacking	
<input type="checkbox"/>	ATV or Other Truck	
<input type="checkbox"/>	Marijuana grow site	
<input type="checkbox"/>	Fire	
<input type="checkbox"/>	Weather	
<b>Permanently Inaccessible</b>		
<input type="checkbox"/>	Access denied, private	
<input type="checkbox"/>	Access denied, terrain	
<input type="checkbox"/>	Not wadeable/not boatable	
<b>Non-Target</b>		
<input type="checkbox"/>	Dry	
<input type="checkbox"/>	Ephemeral	
<input type="checkbox"/>	Intermittent	
<input type="checkbox"/>	Lentic	
<input type="checkbox"/>	Wetland	
<input type="checkbox"/>	Dam	
<input type="checkbox"/>	Beaver Ponds	
<input type="checkbox"/>	Map error	
<input type="checkbox"/>	Not on BLM land	
<input type="checkbox"/>	On hillslope	
<input type="checkbox"/>	Ditch	
<input type="checkbox"/>	No evidence of a channel	

<b>Transect</b>	
-----------------	--

<b>Site Code</b>	
------------------	--

<b>Crew initials</b>	
----------------------	--

Channel		
Width (m)		Flag
Wetted		
Bar		
Bankfull		
Height (cm)		Flag
Bankfull		
Floodplain		

Bank angle, cover, and stability									
	Acute/Obtuse	Angle	Erosion*	Veg	LWD	Cobble	Bedrock	Stable <sup>#</sup>	Flag
Left Bank									
Right Bank									

Canopy		
Left		
Center up		
Center Left		
Center Down		
Center Right		
Right		

Substrate			
% Dist LB	Size <sup>^</sup>	Location <sup>?</sup>	Flag/Comments
5			
15			
25			
35			
45			
55			
65			
75			
85			
95			
		add wet or dry-mid	
		add wet or dry-mid	
		add wet or dry-mid	
		add wet or dry-mid	
		add wet or dry-mid	

*Erosion
D=Depositional
E=Erosional

#Stability
F=Fracture (visible crack)
S=Slump (separate block)
L=Slough (accumulated sluff)
E=Eroding (bare and steep (10°))
A=Absent

Dry transect?
Y      N
Side Channel?
Y      N
Major    Minor    Dry
Left of main    Right of main
Comments

?Substrate Location
wet, dry-mid, dry-edge
^Substrate Non-Meas. Size
FN=finest
SN=sand
HP=hardpan
BR=bedrock

Flags: N= Not collected, E=estimated, C=custom flag

--

**Mid Tran**

**Site Code**

**Crew initials**

Channel		
Width (m)	Flag	
Wetted	<input type="text"/>	<input type="text"/>
Bar	<input type="text"/>	<input type="text"/>

Bank							
	Erosion*	Veg	LWD	Cobble	Bedrock	Stable#	Flag
Left Bank	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Right Bank	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Large Woody Debris				
Fill in if unmarked boxes are zero				
Diameter Large end	Pieces All/Part In Bankfull			
	1.5-3m	3-5m	5-15m	>15m
0.1-<.3m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.3-0.6m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.6-0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
>0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Diameter Large end	Pieces Above Bankfull			
	1.5-3m	3-5m	5-15m	>15m
0.1-<.3m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.3-0.6m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.6-0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
>0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Substrate			
% Dist LB	Size^	Location <sup>?</sup>	Flag/Comments
<input type="text"/>	5	<input type="text"/>	<input type="text"/>
<input type="text"/>	15	<input type="text"/>	<input type="text"/>
<input type="text"/>	25	<input type="text"/>	<input type="text"/>
<input type="text"/>	35	<input type="text"/>	<input type="text"/>
<input type="text"/>	45	<input type="text"/>	<input type="text"/>
<input type="text"/>	55	<input type="text"/>	<input type="text"/>
<input type="text"/>	65	<input type="text"/>	<input type="text"/>
<input type="text"/>	75	<input type="text"/>	<input type="text"/>
<input type="text"/>	85	<input type="text"/>	<input type="text"/>
<input type="text"/>	95	<input type="text"/>	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>

**\*Erosion**  
 D=Depositional  
 E=Erosional

**#Stability**  
 F=Fracture (visible crack)  
 S=Slump (separate block)  
 L=Slough (accumulated sluff)  
 E=Eroding (bare and steep (10°))  
 A=Absent

**?Substrate Location**  
 wet, dry-mid, dry-edge

**^Substrate Non-Meas. Size**  
 FN=finest  
 SN=sand  
 HP=hardpan  
 BR=bedrock

**Comments**

**Flags:** N= Not collected, E=estimated, C=custom flag

<b>Transect</b>	
-----------------	--

<b>Site Code</b>	
------------------	--

<b>Crew initials</b>	
----------------------	--

Channel		
Width (m)		Flag
Wetted		
Bar		
Bankfull		
Height (cm)		Flag
Bankfull		
Floodplain		

Bank angle, cover, and stability									
	Acute/Obtuse	Angle	Erosion*	Veg	LWD	Cobble	Bedrock	Stable <sup>#</sup>	Flag
Left Bank									
Right Bank									

Canopy		
Left		
Center up		
Center Left		
Center Down		
Center Right		
Right		

Substrate			
% Dist LB	Size <sup>^</sup>	Location <sup>?</sup>	Flag/Comments
5			
15			
25			
35			
45			
55			
65			
75			
85			
95			
		add wet or dry-mid	
		add wet or dry-mid	
		add wet or dry-mid	
		add wet or dry-mid	
		add wet or dry-mid	

*Erosion
D=Depositional
E=Erosional

#Stability
F=Fracture (visible crack)
S=Slump (separate block)
L=Slough (accumulated sluff)
E=Eroding (bare and steep (10°))
A=Absent

Dry transect?
Y      N
Side Channel?
Y      N
Major      Minor      Dry
Left of main      Right of main
Comments

?Substrate Location
wet, dry-mid, dry-edge
^Substrate Non-Meas. Size
FN=finest
SN=sand
HP=hardpan
BR=bedrock

Flags: N= Not collected, E=estimated, C=custom flag

--



**Mid Tran**

**Site Code**

**Crew initials**

Channel		
Width (m)	Flag	
Wetted	<input type="text"/>	<input type="text"/>
Bar	<input type="text"/>	<input type="text"/>

Bank							
	Erosion*	Veg	LWD	Cobble	Bedrock	Stable#	Flag
Left Bank	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Right Bank	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Large Woody Debris				
Fill in if unmarked boxes are zero				
Diameter Large end	Pieces All/Part In Bankfull			
	1.5-3m	3-5m	5-15m	>15m
0.1-<.3m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.3-0.6m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.6-0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
>0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Diameter Large end	Pieces Above Bankfull			
	1.5-3m	3-5m	5-15m	>15m
0.1-<.3m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.3-0.6m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.6-0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
>0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Substrate			
% Dist LB	Size^	Location <sup>?</sup>	Flag/Comments
<input type="text"/>	5	<input type="text"/>	<input type="text"/>
<input type="text"/>	15	<input type="text"/>	<input type="text"/>
<input type="text"/>	25	<input type="text"/>	<input type="text"/>
<input type="text"/>	35	<input type="text"/>	<input type="text"/>
<input type="text"/>	45	<input type="text"/>	<input type="text"/>
<input type="text"/>	55	<input type="text"/>	<input type="text"/>
<input type="text"/>	65	<input type="text"/>	<input type="text"/>
<input type="text"/>	75	<input type="text"/>	<input type="text"/>
<input type="text"/>	85	<input type="text"/>	<input type="text"/>
<input type="text"/>	95	<input type="text"/>	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>

**\*Erosion**  
 D=Depositional  
 E=Erosional

**#Stability**  
 F=Fracture (visible crack)  
 S=Slump (separate block)  
 L=Slough (accumulated sluff)  
 E=Eroding (bare and steep (10°))  
 A=Absent

**?Substrate Location**  
 wet, dry-mid, dry-edge

**^Substrate Non-Meas. Size**  
 FN=finer  
 SN=sand  
 HP=hardpan  
 BR=bedrock

**Comments**

**Flags:** N= Not collected, E=estimated, C=custom flag

<b>Transect</b>	
-----------------	--

<b>Site Code</b>	
------------------	--

<b>Crew initials</b>	
----------------------	--

Channel		
Width (m)		Flag
Wetted		
Bar		
Bankfull		
Height (cm)		Flag
Bankfull		
Floodplain		

Bank angle, cover, and stability									
	Acute/Obtuse	Angle	Erosion*	Veg	LWD	Cobble	Bedrock	Stable <sup>#</sup>	Flag
Left Bank									
Right Bank									

Canopy		
Left		
Center up		
Center Left		
Center Down		
Center Right		
Right		

Substrate			
% Dist LB	Size <sup>^</sup>	Location <sup>?</sup>	Flag/Comments
5			
15			
25			
35			
45			
55			
65			
75			
85			
95			
		add wet or dry-mid	
		add wet or dry-mid	
		add wet or dry-mid	
		add wet or dry-mid	
		add wet or dry-mid	

*Erosion
D=Depositional
E=Erosional

#Stability
F=Fracture (visible crack)
S=Slump (separate block)
L=Slough (accumulated sluff)
E=Eroding (bare and steep (10°))
A=Absent

Dry transect?
Y      N
Side Channel?
Y      N
Major      Minor      Dry
Left of main      Right of main
Comments

?Substrate Location
wet, dry-mid, dry-edge
^Substrate Non-Meas. Size
FN=finest
SN=sand
HP=hardpan
BR=bedrock

Flags: N= Not collected, E=estimated, C=custom flag

--

**Mid Tran**

**Site Code**

**Crew initials**

Channel		
Width (m)	Flag	
Wetted	<input type="text"/>	<input type="text"/>
Bar	<input type="text"/>	<input type="text"/>

Bank							
	Erosion*	Veg	LWD	Cobble	Bedrock	Stable#	Flag
Left Bank	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Right Bank	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Large Woody Debris				
Fill in if unmarked boxes are zero				
Diameter Large end	Pieces All/Part In Bankfull			
	1.5-3m	3-5m	5-15m	>15m
0.1-<.3m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.3-0.6m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.6-0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
>0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Diameter Large end	Pieces Above Bankfull			
	1.5-3m	3-5m	5-15m	>15m
0.1-<.3m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.3-0.6m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.6-0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
>0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Substrate			
% Dist LB	Size^	Location <sup>?</sup>	Flag/Comments
<input type="text"/>	5	<input type="text"/>	<input type="text"/>
<input type="text"/>	15	<input type="text"/>	<input type="text"/>
<input type="text"/>	25	<input type="text"/>	<input type="text"/>
<input type="text"/>	35	<input type="text"/>	<input type="text"/>
<input type="text"/>	45	<input type="text"/>	<input type="text"/>
<input type="text"/>	55	<input type="text"/>	<input type="text"/>
<input type="text"/>	65	<input type="text"/>	<input type="text"/>
<input type="text"/>	75	<input type="text"/>	<input type="text"/>
<input type="text"/>	85	<input type="text"/>	<input type="text"/>
<input type="text"/>	95	<input type="text"/>	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>

**\*Erosion**  
 D=Depositional  
 E=Erosional

**#Stability**  
 F=Fracture (visible crack)  
 S=Slump (separate block)  
 L=Slough (accumulated sluff)  
 E=Eroding (bare and steep (10°))  
 A=Absent

**?Substrate Location**  
 wet, dry-mid, dry-edge

**^Substrate Non-Meas. Size**  
 FN=finest  
 SN=sand  
 HP=hardpan  
 BR=bedrock

**Comments**

**Flags:** N= Not collected, E=estimated, C=custom flag

<b>Transect</b>	
-----------------	--

<b>Site Code</b>	
------------------	--

<b>Crew initials</b>	
----------------------	--

Channel		
Width (m)		Flag
Wetted		
Bar		
Bankfull		
Height (cm)		Flag
Bankfull		
Floodplain		

Bank angle, cover, and stability									
	Acute/Obtuse	Angle	Erosion*	Veg	LWD	Cobble	Bedrock	Stable <sup>#</sup>	Flag
Left Bank									
Right Bank									

Canopy		
Left		
Center up		
Center Left		
Center Down		
Center Right		
Right		

Substrate			
% Dist LB	Size <sup>^</sup>	Location <sup>?</sup>	Flag/Comments
5			
15			
25			
35			
45			
55			
65			
75			
85			
95			
		add wet or dry-mid	
		add wet or dry-mid	
		add wet or dry-mid	
		add wet or dry-mid	
		add wet or dry-mid	

*Erosion
D=Depositional
E=Erosional

#Stability
F=Fracture (visible crack)
S=Slump (separate block)
L=Slough (accumulated sluff)
E=Eroding (bare and steep (10°))
A=Absent

Dry transect?
Y      N
Side Channel?
Y      N
Major      Minor      Dry
Left of main      Right of main
Comments

?Substrate Location
wet, dry-mid, dry-edge
^Substrate Non-Meas. Size
FN=finest
SN=sand
HP=hardpan
BR=bedrock

Flags: N= Not collected, E=estimated, C=custom flag

--

**Mid Tran**

**Site Code**

**Crew initials**

Channel		
Width (m)	Flag	
Wetted	<input type="text"/>	<input type="text"/>
Bar	<input type="text"/>	<input type="text"/>

Bank							
	Erosion*	Veg	LWD	Cobble	Bedrock	Stable#	Flag
Left Bank	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Right Bank	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Large Woody Debris				
Fill in if unmarked boxes are zero				
Diameter Large end	Pieces All/Part In Bankfull			
	1.5-3m	3-5m	5-15m	>15m
0.1-<.3m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.3-0.6m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.6-0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
>0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Diameter Large end	Pieces Above Bankfull			
	1.5-3m	3-5m	5-15m	>15m
0.1-<.3m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.3-0.6m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.6-0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
>0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Substrate			
% Dist LB	Size^	Location <sup>?</sup>	Flag/Comments
<input type="text"/>	5	<input type="text"/>	<input type="text"/>
<input type="text"/>	15	<input type="text"/>	<input type="text"/>
<input type="text"/>	25	<input type="text"/>	<input type="text"/>
<input type="text"/>	35	<input type="text"/>	<input type="text"/>
<input type="text"/>	45	<input type="text"/>	<input type="text"/>
<input type="text"/>	55	<input type="text"/>	<input type="text"/>
<input type="text"/>	65	<input type="text"/>	<input type="text"/>
<input type="text"/>	75	<input type="text"/>	<input type="text"/>
<input type="text"/>	85	<input type="text"/>	<input type="text"/>
<input type="text"/>	95	<input type="text"/>	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>

**\*Erosion**  
 D=Depositional  
 E=Erosional

**#Stability**  
 F=Fracture (visible crack)  
 S=Slump (separate block)  
 L=Slough (accumulated sluff)  
 E=Eroding (bare and steep (10°))  
 A=Absent

**?Substrate Location**  
 wet, dry-mid, dry-edge

**^Substrate Non-Meas. Size**  
 FN=finest  
 SN=sand  
 HP=hardpan  
 BR=bedrock

**Comments**

**Flags:** N= Not collected, E=estimated, C=custom flag

<b>Transect</b>	
-----------------	--

<b>Site Code</b>	
------------------	--

<b>Crew initials</b>	
----------------------	--

Channel		
Width (m)		Flag
Wetted		
Bar		
Bankfull		
Height (cm)		Flag
Bankfull		
Floodplain		

Bank angle, cover, and stability									
	Acute/Obtuse	Angle	Erosion*	Veg	LWD	Cobble	Bedrock	Stable <sup>#</sup>	Flag
Left Bank									
Right Bank									

Canopy		
Left		
Center up		
Center Left		
Center Down		
Center Right		
Right		

Substrate			
% Dist LB	Size <sup>^</sup>	Location <sup>?</sup>	Flag/Comments
5			
15			
25			
35			
45			
55			
65			
75			
85			
95			
		add wet or dry-mid	
		add wet or dry-mid	
		add wet or dry-mid	
		add wet or dry-mid	
		add wet or dry-mid	

*Erosion
D=Depositional
E=Erosional

#Stability
F=Fracture (visible crack)
S=Slump (separate block)
L=Slough (accumulated sluff)
E=Eroding (bare and steep (10°))
A=Absent

Dry transect?
Y      N
Side Channel?
Y      N
Major    Minor    Dry
Left of main    Right of main
Comments

?Substrate Location
wet, dry-mid, dry-edge
^Substrate Non-Meas. Size
FN=finest
SN=sand
HP=hardpan
BR=bedrock

Flags: N= Not collected, E=estimated, C=custom flag

--

**Mid Tran**

**Site Code**

**Crew initials**

Channel		
Width (m)	Flag	
Wetted	<input type="text"/>	<input type="text"/>
Bar	<input type="text"/>	<input type="text"/>

Bank							
	Erosion*	Veg	LWD	Cobble	Bedrock	Stable#	Flag
Left Bank	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Right Bank	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Large Woody Debris				
Fill in if unmarked boxes are zero				
Diameter Large end	Pieces All/Part In Bankfull			
	1.5-3m	3-5m	5-15m	>15m
0.1-<.3m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.3-0.6m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.6-0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
>0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Diameter Large end	Pieces Above Bankfull			
	1.5-3m	3-5m	5-15m	>15m
0.1-<.3m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.3-0.6m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.6-0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
>0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Substrate			
% Dist LB	Size^	Location <sup>?</sup>	Flag/Comments
<input type="text"/>	5	<input type="text"/>	<input type="text"/>
<input type="text"/>	15	<input type="text"/>	<input type="text"/>
<input type="text"/>	25	<input type="text"/>	<input type="text"/>
<input type="text"/>	35	<input type="text"/>	<input type="text"/>
<input type="text"/>	45	<input type="text"/>	<input type="text"/>
<input type="text"/>	55	<input type="text"/>	<input type="text"/>
<input type="text"/>	65	<input type="text"/>	<input type="text"/>
<input type="text"/>	75	<input type="text"/>	<input type="text"/>
<input type="text"/>	85	<input type="text"/>	<input type="text"/>
<input type="text"/>	95	<input type="text"/>	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>

**\*Erosion**  
 D=Depositional  
 E=Erosional

**#Stability**  
 F=Fracture (visible crack)  
 S=Slump (separate block)  
 L=Slough (accumulated sluff)  
 E=Eroding (bare and steep (10°))  
 A=Absent

**?Substrate Location**  
 wet, dry-mid, dry-edge

**^Substrate Non-Meas. Size**  
 FN=finest  
 SN=sand  
 HP=hardpan  
 BR=bedrock

**Comments**

**Flags:** N= Not collected, E=estimated, C=custom flag

<b>Transect</b>	
-----------------	--

<b>Site Code</b>	
------------------	--

<b>Crew initials</b>	
----------------------	--

Channel		
Width (m)		Flag
Wetted		
Bar		
Bankfull		
Height (cm)		Flag
Bankfull		
Floodplain		

Bank angle, cover, and stability									
	Acute/Obtuse	Angle	Erosion*	Veg	LWD	Cobble	Bedrock	Stable <sup>#</sup>	Flag
Left Bank									
Right Bank									

Canopy		
Left		
Center up		
Center Left		
Center Down		
Center Right		
Right		

Substrate			
% Dist LB	Size <sup>^</sup>	Location <sup>?</sup>	Flag/Comments
5			
15			
25			
35			
45			
55			
65			
75			
85			
95			
		add wet or dry-mid	
		add wet or dry-mid	
		add wet or dry-mid	
		add wet or dry-mid	
		add wet or dry-mid	

*Erosion
D=Depositional
E=Erosional

#Stability
F=Fracture (visible crack)
S=Slump (separate block)
L=Slough (accumulated sluff)
E=Eroding (bare and steep (10°))
A=Absent

Dry transect?
Y      N
Side Channel?
Y      N
Major      Minor      Dry
Left of main      Right of main
Comments

?Substrate Location
wet, dry-mid, dry-edge
^Substrate Non-Meas. Size
FN=finest
SN=sand
HP=hardpan
BR=bedrock

Flags: N= Not collected, E=estimated, C=custom flag

--



**Mid Tran**

**Site Code**

**Crew initials**

Channel		
Width (m)	Flag	
Wetted	<input type="text"/>	<input type="text"/>
Bar	<input type="text"/>	<input type="text"/>

Bank							
	Erosion*	Veg	LWD	Cobble	Bedrock	Stable#	Flag
Left Bank	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Right Bank	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Large Woody Debris				
Fill in if unmarked boxes are zero				
Diameter Large end	Pieces All/Part In Bankfull			
	1.5-3m	3-5m	5-15m	>15m
0.1-<.3m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.3-0.6m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.6-0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
>0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Diameter Large end	Pieces Above Bankfull			
	1.5-3m	3-5m	5-15m	>15m
0.1-<.3m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.3-0.6m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.6-0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
>0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Substrate			
% Dist LB	Size^	Location <sup>?</sup>	Flag/Comments
<input type="text"/>	5	<input type="text"/>	<input type="text"/>
<input type="text"/>	15	<input type="text"/>	<input type="text"/>
<input type="text"/>	25	<input type="text"/>	<input type="text"/>
<input type="text"/>	35	<input type="text"/>	<input type="text"/>
<input type="text"/>	45	<input type="text"/>	<input type="text"/>
<input type="text"/>	55	<input type="text"/>	<input type="text"/>
<input type="text"/>	65	<input type="text"/>	<input type="text"/>
<input type="text"/>	75	<input type="text"/>	<input type="text"/>
<input type="text"/>	85	<input type="text"/>	<input type="text"/>
<input type="text"/>	95	<input type="text"/>	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>

**\*Erosion**  
 D=Depositional  
 E=Erosional

**#Stability**  
 F=Fracture (visible crack)  
 S=Slump (separate block)  
 L=Slough (accumulated sluff)  
 E=Eroding (bare and steep (10°))  
 A=Absent

**?Substrate Location**  
 wet, dry-mid, dry-edge

**^Substrate Non-Meas. Size**  
 FN=finest  
 SN=sand  
 HP=hardpan  
 BR=bedrock

**Comments**

**Flags:** N= Not collected, E=estimated, C=custom flag

<b>Transect</b>	
-----------------	--

<b>Site Code</b>	
------------------	--

<b>Crew initials</b>	
----------------------	--

Channel		
Width (m)		Flag
Wetted		
Bar		
Bankfull		
Height (cm)		Flag
Bankfull		
Floodplain		

Bank angle, cover, and stability									
	Acute/Obtuse	Angle	Erosion*	Veg	LWD	Cobble	Bedrock	Stable <sup>#</sup>	Flag
Left Bank									
Right Bank									

Canopy		
Left		
Center up		
Center Left		
Center Down		
Center Right		
Right		

Substrate			
% Dist LB	Size <sup>^</sup>	Location <sup>?</sup>	Flag/Comments
5			
15			
25			
35			
45			
55			
65			
75			
85			
95			
		add wet or dry-mid	
		add wet or dry-mid	
		add wet or dry-mid	
		add wet or dry-mid	
		add wet or dry-mid	

*Erosion
D=Depositional
E=Erosional

#Stability
F=Fracture (visible crack)
S=Slump (separate block)
L=Slough (accumulated sluff)
E=Eroding (bare and steep (10°))
A=Absent

Dry transect?
Y      N
Side Channel?
Y      N
Major    Minor    Dry
Left of main    Right of main
Comments

?Substrate Location
wet, dry-mid, dry-edge
^Substrate Non-Meas. Size
FN=finest
SN=sand
HP=hardpan
BR=bedrock

Flags: N= Not collected, E=estimated, C=custom flag

--

**Mid Tran**

**Site Code**

**Crew initials**

Channel		
Width (m)	Flag	
Wetted	<input type="text"/>	<input type="text"/>
Bar	<input type="text"/>	<input type="text"/>

Bank							
	Erosion*	Veg	LWD	Cobble	Bedrock	Stable#	Flag
Left Bank	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Right Bank	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Large Woody Debris				
Fill in if unmarked boxes are zero				
Diameter Large end	Pieces All/Part In Bankfull			
	1.5-3m	3-5m	5-15m	>15m
0.1-<.3m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.3-0.6m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.6-0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
>0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Diameter Large end	Pieces Above Bankfull			
	1.5-3m	3-5m	5-15m	>15m
0.1-<.3m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.3-0.6m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.6-0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
>0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Substrate			
% Dist LB	Size^	Location <sup>?</sup>	Flag/Comments
<input type="text"/>	5	<input type="text"/>	<input type="text"/>
<input type="text"/>	15	<input type="text"/>	<input type="text"/>
<input type="text"/>	25	<input type="text"/>	<input type="text"/>
<input type="text"/>	35	<input type="text"/>	<input type="text"/>
<input type="text"/>	45	<input type="text"/>	<input type="text"/>
<input type="text"/>	55	<input type="text"/>	<input type="text"/>
<input type="text"/>	65	<input type="text"/>	<input type="text"/>
<input type="text"/>	75	<input type="text"/>	<input type="text"/>
<input type="text"/>	85	<input type="text"/>	<input type="text"/>
<input type="text"/>	95	<input type="text"/>	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>

**\*Erosion**  
 D=Depositional  
 E=Erosional

**#Stability**  
 F=Fracture (visible crack)  
 S=Slump (separate block)  
 L=Slough (accumulated sluff)  
 E=Eroding (bare and steep (10°))  
 A=Absent

**?Substrate Location**  
 wet, dry-mid, dry-edge

**^Substrate Non-Meas. Size**  
 FN=finest  
 SN=sand  
 HP=hardpan  
 BR=bedrock

**Comments**

**Flags:** N= Not collected, E=estimated, C=custom flag

<b>Transect</b>	
-----------------	--

<b>Site Code</b>	
------------------	--

<b>Crew initials</b>	
----------------------	--

Channel		
Width (m)		Flag
Wetted		
Bar		
Bankfull		
Height (cm)		Flag
Bankfull		
Floodplain		

Bank angle, cover, and stability									
	Acute/Obtuse	Angle	Erosion*	Veg	LWD	Cobble	Bedrock	Stable <sup>#</sup>	Flag
Left Bank									
Right Bank									

Canopy		
Left		
Center up		
Center Left		
Center Down		
Center Right		
Right		

Substrate			
% Dist LB	Size <sup>^</sup>	Location <sup>?</sup>	Flag/Comments
5			
15			
25			
35			
45			
55			
65			
75			
85			
95			
		add wet or dry-mid	
		add wet or dry-mid	
		add wet or dry-mid	
		add wet or dry-mid	
		add wet or dry-mid	

*Erosion
D=Depositional
E=Erosional

#Stability
F=Fracture (visible crack)
S=Slump (separate block)
L=Slough (accumulated sluff)
E=Eroding (bare and steep (10°))
A=Absent

Dry transect?
Y      N
Side Channel?
Y      N
Major      Minor      Dry
Left of main      Right of main
Comments

?Substrate Location
wet, dry-mid, dry-edge
^Substrate Non-Meas. Size
FN=finest
SN=sand
HP=hardpan
BR=bedrock

Flags: N= Not collected, E=estimated, C=custom flag

--

**Mid Tran**

**Site Code**

**Crew initials**

Channel		
Width (m)	Flag	
Wetted	<input type="text"/>	<input type="text"/>
Bar	<input type="text"/>	<input type="text"/>

Bank							
	Erosion*	Veg	LWD	Cobble	Bedrock	Stable#	Flag
Left Bank	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Right Bank	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Large Woody Debris				
Fill in if unmarked boxes are zero				
Diameter Large end	Pieces All/Part In Bankfull			
	1.5-3m	3-5m	5-15m	>15m
0.1-<.3m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.3-0.6m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.6-0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
>0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Diameter Large end	Pieces Above Bankfull			
	1.5-3m	3-5m	5-15m	>15m
0.1-<.3m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.3-0.6m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.6-0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
>0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Substrate			
% Dist LB	Size^	Location <sup>?</sup>	Flag/Comments
<input type="text"/>	5	<input type="text"/>	<input type="text"/>
<input type="text"/>	15	<input type="text"/>	<input type="text"/>
<input type="text"/>	25	<input type="text"/>	<input type="text"/>
<input type="text"/>	35	<input type="text"/>	<input type="text"/>
<input type="text"/>	45	<input type="text"/>	<input type="text"/>
<input type="text"/>	55	<input type="text"/>	<input type="text"/>
<input type="text"/>	65	<input type="text"/>	<input type="text"/>
<input type="text"/>	75	<input type="text"/>	<input type="text"/>
<input type="text"/>	85	<input type="text"/>	<input type="text"/>
<input type="text"/>	95	<input type="text"/>	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>

**\*Erosion**  
 D=Depositional  
 E=Erosional

**#Stability**  
 F=Fracture (visible crack)  
 S=Slump (separate block)  
 L=Slough (accumulated sluff)  
 E=Eroding (bare and steep (10°))  
 A=Absent

**?Substrate Location**  
 wet, dry-mid, dry-edge

**^Substrate Non-Meas. Size**  
 FN=finest  
 SN=sand  
 HP=hardpan  
 BR=bedrock

**Comments**

**Flags:** N= Not collected, E=estimated, C=custom flag

**Transect**

**Site Code**

**Crew initials**

Channel		
Width (m)		Flag
Wetted		
Bar		
Bankfull		
Height (cm)		Flag
Bankfull		
Floodplain		

Bank angle, cover, and stability									
	Acute/Obtuse	Angle	Erosion*	Veg	LWD	Cobble	Bedrock	Stable <sup>#</sup>	Flag
Left Bank									
Right Bank									

Canopy		
Left		
Center up		
Center Left		
Center Down		
Center Right		
Right		

Substrate			
% Dist LB	Size <sup>^</sup>	Location <sup>?</sup>	Flag/Comments
5			
15			
25			
35			
45			
55			
65			
75			
85			
95			
		add wet or dry-mid	
		add wet or dry-mid	
		add wet or dry-mid	
		add wet or dry-mid	
		add wet or dry-mid	

*Erosion
D=Depositional
E=Erosional

#Stability
F=Fracture (visible crack)
S=Slump (separate block)
L=Slough (accumulated sluff)
E=Eroding (bare and steep (10°))
A=Absent

Dry transect?
Y N
Side Channel?
Y N
Major Minor Dry
Left of main Right of main
Comments

?Substrate Location
wet, dry-mid, dry-edge
^Substrate Non-Meas. Size
FN=finest
SN=sand
HP=hardpan
BR=bedrock

Flags: N= Not collected, E=estimated, C=custom flag

**Mid Tran**

**Site Code**

**Crew initials**

Channel		
Width (m)	Flag	
Wetted	<input type="text"/>	<input type="text"/>
Bar	<input type="text"/>	<input type="text"/>

Bank							
	Erosion*	Veg	LWD	Cobble	Bedrock	Stable#	Flag
Left Bank	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Right Bank	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Large Woody Debris				
Fill in if unmarked boxes are zero				
Diameter Large end	Pieces All/Part In Bankfull			
	1.5-3m	3-5m	5-15m	>15m
0.1-<.3m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.3-0.6m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.6-0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
>0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Diameter Large end	Pieces Above Bankfull			
	1.5-3m	3-5m	5-15m	>15m
0.1-<.3m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.3-0.6m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.6-0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
>0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Substrate			
% Dist LB	Size^	Location <sup>?</sup>	Flag/Comments
<input type="text"/>	5	<input type="text"/>	<input type="text"/>
<input type="text"/>	15	<input type="text"/>	<input type="text"/>
<input type="text"/>	25	<input type="text"/>	<input type="text"/>
<input type="text"/>	35	<input type="text"/>	<input type="text"/>
<input type="text"/>	45	<input type="text"/>	<input type="text"/>
<input type="text"/>	55	<input type="text"/>	<input type="text"/>
<input type="text"/>	65	<input type="text"/>	<input type="text"/>
<input type="text"/>	75	<input type="text"/>	<input type="text"/>
<input type="text"/>	85	<input type="text"/>	<input type="text"/>
<input type="text"/>	95	<input type="text"/>	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>

**\*Erosion**  
 D=Depositional  
 E=Erosional

**#Stability**  
 F=Fracture (visible crack)  
 S=Slump (separate block)  
 L=Slough (accumulated sluff)  
 E=Eroding (bare and steep (10°))  
 A=Absent

**?Substrate Location**  
 wet, dry-mid, dry-edge

**^Substrate Non-Meas. Size**  
 FN=finest  
 SN=sand  
 HP=hardpan  
 BR=bedrock

**Comments**

**Flags:** N= Not collected, E=estimated, C=custom flag

<b>Transect</b>	
-----------------	--

<b>Site Code</b>	
------------------	--

<b>Crew initials</b>	
----------------------	--

Channel		
Width (m)		Flag
Wetted		
Bar		
Bankfull		
Height (cm)		Flag
Bankfull		
Floodplain		

Bank angle, cover, and stability									
	Acute/Obtuse	Angle	Erosion*	Veg	LWD	Cobble	Bedrock	Stable <sup>#</sup>	Flag
Left Bank									
Right Bank									

Canopy		
Left		
Center up		
Center Left		
Center Down		
Center Right		
Right		

Substrate			
% Dist LB	Size <sup>^</sup>	Location <sup>?</sup>	Flag/Comments
5			
15			
25			
35			
45			
55			
65			
75			
85			
95			
		add wet or dry-mid	
		add wet or dry-mid	
		add wet or dry-mid	
		add wet or dry-mid	
		add wet or dry-mid	

*Erosion
D=Depositional
E=Erosional

#Stability
F=Fracture (visible crack)
S=Slump (separate block)
L=Slough (accumulated sluff)
E=Eroding (bare and steep (10°))
A=Absent

Dry transect?
Y      N
Side Channel?
Y      N
Major      Minor      Dry
Left of main      Right of main
Comments

?Substrate Location
wet, dry-mid, dry-edge
^Substrate Non-Meas. Size
FN=finest
SN=sand
HP=hardpan
BR=bedrock

Flags: N= Not collected, E=estimated, C=custom flag

--



**Mid Tran**

**Site Code**

**Crew initials**

Channel		
Width (m)	Flag	
Wetted	<input type="text"/>	<input type="text"/>
Bar	<input type="text"/>	<input type="text"/>

Bank							
	Erosion*	Veg	LWD	Cobble	Bedrock	Stable#	Flag
Left Bank	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Right Bank	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Large Woody Debris				
Fill in if unmarked boxes are zero				
Diameter Large end	Pieces All/Part In Bankfull			
	1.5-3m	3-5m	5-15m	>15m
0.1-<.3m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.3-0.6m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.6-0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
>0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Diameter Large end	Pieces Above Bankfull			
	1.5-3m	3-5m	5-15m	>15m
0.1-<.3m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.3-0.6m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0.6-0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
>0.8m	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Substrate			
% Dist LB	Size^	Location <sup>?</sup>	Flag/Comments
<input type="text"/>	5	<input type="text"/>	<input type="text"/>
<input type="text"/>	15	<input type="text"/>	<input type="text"/>
<input type="text"/>	25	<input type="text"/>	<input type="text"/>
<input type="text"/>	35	<input type="text"/>	<input type="text"/>
<input type="text"/>	45	<input type="text"/>	<input type="text"/>
<input type="text"/>	55	<input type="text"/>	<input type="text"/>
<input type="text"/>	65	<input type="text"/>	<input type="text"/>
<input type="text"/>	75	<input type="text"/>	<input type="text"/>
<input type="text"/>	85	<input type="text"/>	<input type="text"/>
<input type="text"/>	95	<input type="text"/>	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>
<input type="text"/>		add wet or dry-mid	<input type="text"/>

**\*Erosion**  
 D=Depositional  
 E=Erosional

**#Stability**  
 F=Fracture (visible crack)  
 S=Slump (separate block)  
 L=Slough (accumulated sluff)  
 E=Eroding (bare and steep (10°))  
 A=Absent

**?Substrate Location**  
 wet, dry-mid, dry-edge

**^Substrate Non-Meas. Size**  
 FN=finest  
 SN=sand  
 HP=hardpan  
 BR=bedrock

**Comments**

**Flags:** N= Not collected, E=estimated, C=custom flag

<b>Transect</b>	
-----------------	--

<b>Site Code</b>	
------------------	--

<b>Crew initials</b>	
----------------------	--

Channel		
Width (m)		Flag
Wetted		
Bar		
Bankfull		
Height (cm)		Flag
Bankfull		
Floodplain		

Bank angle, cover, and stability									
	Acute/Obtuse	Angle	Erosion*	Veg	LWD	Cobble	Bedrock	Stable <sup>#</sup>	Flag
Left Bank									
Right Bank									

Canopy		
Left		
Center up		
Center Left		
Center Down		
Center Right		
Right		

Substrate			
% Dist LB	Size <sup>^</sup>	Location <sup>?</sup>	Flag/Comments
5			
15			
25			
35			
45			
55			
65			
75			
85			
95			
		add wet or dry-mid	
		add wet or dry-mid	
		add wet or dry-mid	
		add wet or dry-mid	
		add wet or dry-mid	

*Erosion
D=Depositional
E=Erosional

#Stability
F=Fracture (visible crack)
S=Slump (separate block)
L=Slough (accumulated sluff)
E=Eroding (bare and steep (10°))
A=Absent

Dry transect?
Y      N
Side Channel?
Y      N
Major    Minor    Dry
Left of main    Right of main
Comments

?Substrate Location
wet, dry-mid, dry-edge
^Substrate Non-Meas. Size
FN=finest
SN=sand
HP=hardpan
BR=bedrock

Flags: N= Not collected, E=estimated, C=custom flag

--

**Transect**

**Site Code**

**Crew initials**

Fish Cover			
Type	Cover in Channel	Flag	
Filamentous Algae	0 1 2 3 4		
Macrophytes	0 1 2 3 4		
Large Woody Debris	0 1 2 3 4		
Small Woody Debris	0 1 2 3 4		
Live Trees or Roots	0 1 2 3 4		
Overhanging Veg	0 1 2 3 4		
Undercut Banks	0 1 2 3 4		
Boulders	0 1 2 3 4		
Artificial Structures	0 1 2 3 4		

Veg Complexity												
Canopy >5m high	Left Bank					Flag	Right Bank					Flag
Woody Veg Type	D	C	E	M	N		D	C	E	M	N	
Big Trees	0	1	2	3	4		0	1	2	3	4	
Small Trees	0	1	2	3	4		0	1	2	3	4	
Understory 0.5 to 5 m high												
Woody Veg Type	D	C	E	M	N		D	C	E	M	N	
Woody	0	1	2	3	4		0	1	2	3	4	
Non-woody	0	1	2	3	4		0	1	2	3	4	
Ground Cover <0.5 m high												
Woody	0	1	2	3	4		0	1	2	3	4	
Non-woody	0	1	2	3	4		0	1	2	3	4	
Bare	0	1	2	3	4		0	1	2	3	4	

All Species- Presence/Absence			
Species	Left	Right	Flag
Non-Native Woody	Y N	Y N	
Native Woody	Y N	Y N	
Non-Native Herb.	Y N	Y N	
Native Herb.	Y N	Y N	
Non-Native Aquatic	Y N	Y N	
Sedges or Rushes	Y N	Y N	

Riparian Cover Only	
Left Bank	Right Bank
Canopy Cover >5 m high, Woody	
0 1 2 3 4	0 1 2 3 4
Understory Cover 0.5-5m high, Woody	
0 1 2 3 4	0 1 2 3 4
Ground Cover <0.5 m high, Woody & Herb	
0 1 2 3 4	0 1 2 3 4

0=Absent (0%)

1=Sparse (<10%)

2=Moderate (10-40%)

3=Heavy (40-75%)

4=VeryHeavy (>75%)

0= Not Present

P= >10 m

C= In 10 m plot

B= On Bank

Flags: N= Not collected, E=estimated, C=custom flag

Human Influence												
	Left Bank					Flag	Right Bank					Flag
Dike/riprap/dam	0	P	C	B		0	P	C	B			
Buildings	0	P	C	B		0	P	C	B			
Pavement/clear lot	0	P	C	B		0	P	C	B			
Road/railroad	0	P	C	B		0	P	C	B			
Pipes (inlet/outlet)	0	P	C	B		0	P	C	B			
Hydrologic alter	0	P	C	B		0	P	C	B			
Landfill/trash	0	P	C	B		0	P	C	B			
Park/lawn	0	P	C	B		0	P	C	B			
Row crops	0	P	C	B		0	P	C	B			
Pasture/range/hay	0	P	C	B		0	P	C	B			
Grazing enclosure	0	P	C	B		0	P	C	B			
Livestock grazing	0	P	C	B		0	P	C	B			
Logging operation	0	P	C	B		0	P	C	B			
Mining activity	0	P	C	B		0	P	C	B			
Recreation	0	P	C	B		0	P	C	B			

**Transect**

**Site Code**

**Crew initials**

Fish Cover			
Type	Cover in Channel	Flag	
Filamentous Algae	0 1 2 3 4		
Macrophytes	0 1 2 3 4		
Large Woody Debris	0 1 2 3 4		
Small Woody Debris	0 1 2 3 4		
Live Trees or Roots	0 1 2 3 4		
Overhanging Veg	0 1 2 3 4		
Undercut Banks	0 1 2 3 4		
Boulders	0 1 2 3 4		
Artificial Structures	0 1 2 3 4		

Veg Complexity												
Canopy >5m high	Left Bank					Flag	Right Bank					Flag
Woody Veg Type	D	C	E	M	N		D	C	E	M	N	
Big Trees	0	1	2	3	4		0	1	2	3	4	
Small Trees	0	1	2	3	4		0	1	2	3	4	
Understory 0.5 to 5 m high												
Woody Veg Type	D	C	E	M	N		D	C	E	M	N	
Woody	0	1	2	3	4		0	1	2	3	4	
Non-woody	0	1	2	3	4		0	1	2	3	4	
Ground Cover <0.5 m high												
Woody	0	1	2	3	4		0	1	2	3	4	
Non-woody	0	1	2	3	4		0	1	2	3	4	
Bare	0	1	2	3	4		0	1	2	3	4	

All Species- Presence/Absence			
Species	Left	Right	Flag
Non-Native Woody	Y N	Y N	
Native Woody	Y N	Y N	
Non-Native Herb.	Y N	Y N	
Native Herb.	Y N	Y N	
Non-Native Aquatic	Y N	Y N	
Sedges or Rushes	Y N	Y N	

Riparian Cover Only	
Left Bank	Right Bank
Canopy Cover >5 m high, Woody	
0 1 2 3 4	0 1 2 3 4
Understory Cover 0.5-5m high, Woody	
0 1 2 3 4	0 1 2 3 4
Ground Cover <0.5 m high, Woody & Herb	
0 1 2 3 4	0 1 2 3 4

0=Absent (0%)

1=Sparse (<10%)

2=Moderate (10-40%)

3=Heavy (40-75%)

4=VeryHeavy (>75%)

0= Not Present

P= >10 m

C= In 10 m plot

B= On Bank

Flags: N= Not collected, E=estimated, C=custom flag

Human Influence												
	Left Bank					Flag	Right Bank					Flag
Dike/riprap/dam	0	P	C	B		0	P	C	B			
Buildings	0	P	C	B		0	P	C	B			
Pavement/clear lot	0	P	C	B		0	P	C	B			
Road/railroad	0	P	C	B		0	P	C	B			
Pipes (inlet/outlet)	0	P	C	B		0	P	C	B			
Hydrologic alter	0	P	C	B		0	P	C	B			
Landfill/trash	0	P	C	B		0	P	C	B			
Park/lawn	0	P	C	B		0	P	C	B			
Row crops	0	P	C	B		0	P	C	B			
Pasture/range/hay	0	P	C	B		0	P	C	B			
Grazing enclosure	0	P	C	B		0	P	C	B			
Livestock grazing	0	P	C	B		0	P	C	B			
Logging operation	0	P	C	B		0	P	C	B			
Mining activity	0	P	C	B		0	P	C	B			
Recreation	0	P	C	B		0	P	C	B			

**Transect**

**Site Code**

**Crew initials**

Fish Cover			
Type	Cover in Channel	Flag	
Filamentous Algae	0 1 2 3 4		
Macrophytes	0 1 2 3 4		
Large Woody Debris	0 1 2 3 4		
Small Woody Debris	0 1 2 3 4		
Live Trees or Roots	0 1 2 3 4		
Overhanging Veg	0 1 2 3 4		
Undercut Banks	0 1 2 3 4		
Boulders	0 1 2 3 4		
Artificial Structures	0 1 2 3 4		

Veg Complexity												
Canopy >5m high	Left Bank					Flag	Right Bank					Flag
Woody Veg Type	D	C	E	M	N		D	C	E	M	N	
Big Trees	0	1	2	3	4		0	1	2	3	4	
Small Trees	0	1	2	3	4		0	1	2	3	4	
Understory 0.5 to 5 m high												
Woody Veg Type	D	C	E	M	N		D	C	E	M	N	
Woody	0	1	2	3	4		0	1	2	3	4	
Non-woody	0	1	2	3	4		0	1	2	3	4	
Ground Cover <0.5 m high												
Woody	0	1	2	3	4		0	1	2	3	4	
Non-woody	0	1	2	3	4		0	1	2	3	4	
Bare	0	1	2	3	4		0	1	2	3	4	

All Species- Presence/Absence			
Species	Left	Right	Flag
Non-Native Woody	Y N	Y N	
Native Woody	Y N	Y N	
Non-Native Herb.	Y N	Y N	
Native Herb.	Y N	Y N	
Non-Native Aquatic	Y N	Y N	
Sedges or Rushes	Y N	Y N	

Riparian Cover Only	
Left Bank	Right Bank
Canopy Cover >5 m high, Woody	
0 1 2 3 4	0 1 2 3 4
Understory Cover 0.5-5m high, Woody	
0 1 2 3 4	0 1 2 3 4
Ground Cover <0.5 m high, Woody & Herb	
0 1 2 3 4	0 1 2 3 4

0=Absent (0%)

1=Sparse (<10%)

2=Moderate (10-40%)

3=Heavy (40-75%)

4=VeryHeavy (>75%)

0= Not Present

P= >10 m

C= In 10 m plot

B= On Bank

Flags: N= Not collected, E=estimated, C=custom flag

Human Influence												
	Left Bank					Flag	Right Bank					Flag
Dike/riprap/dam	0	P	C	B		0	P	C	B			
Buildings	0	P	C	B		0	P	C	B			
Pavement/clear lot	0	P	C	B		0	P	C	B			
Road/railroad	0	P	C	B		0	P	C	B			
Pipes (inlet/outlet)	0	P	C	B		0	P	C	B			
Hydrologic alter	0	P	C	B		0	P	C	B			
Landfill/trash	0	P	C	B		0	P	C	B			
Park/lawn	0	P	C	B		0	P	C	B			
Row crops	0	P	C	B		0	P	C	B			
Pasture/range/hay	0	P	C	B		0	P	C	B			
Grazing enclosure	0	P	C	B		0	P	C	B			
Livestock grazing	0	P	C	B		0	P	C	B			
Logging operation	0	P	C	B		0	P	C	B			
Mining activity	0	P	C	B		0	P	C	B			
Recreation	0	P	C	B		0	P	C	B			

**Transect**

**Site Code**

**Crew initials**

Fish Cover			
Type	Cover in Channel	Flag	
Filamentous Algae	0 1 2 3 4		
Macrophytes	0 1 2 3 4		
Large Woody Debris	0 1 2 3 4		
Small Woody Debris	0 1 2 3 4		
Live Trees or Roots	0 1 2 3 4		
Overhanging Veg	0 1 2 3 4		
Undercut Banks	0 1 2 3 4		
Boulders	0 1 2 3 4		
Artificial Structures	0 1 2 3 4		

Veg Complexity												
Canopy >5m high	Left Bank					Flag	Right Bank					Flag
Woody Veg Type	D	C	E	M	N		D	C	E	M	N	
Big Trees	0	1	2	3	4		0	1	2	3	4	
Small Trees	0	1	2	3	4		0	1	2	3	4	
Understory 0.5 to 5 m high												
Woody Veg Type	D	C	E	M	N		D	C	E	M	N	
Woody	0	1	2	3	4		0	1	2	3	4	
Non-woody	0	1	2	3	4		0	1	2	3	4	
Ground Cover <0.5 m high												
Woody	0	1	2	3	4		0	1	2	3	4	
Non-woody	0	1	2	3	4		0	1	2	3	4	
Bare	0	1	2	3	4		0	1	2	3	4	

All Species- Presence/Absence			
Species	Left	Right	Flag
Non-Native Woody	Y N	Y N	
Native Woody	Y N	Y N	
Non-Native Herb.	Y N	Y N	
Native Herb.	Y N	Y N	
Non-Native Aquatic	Y N	Y N	
Sedges or Rushes	Y N	Y N	

Riparian Cover Only	
Left Bank	Right Bank
Canopy Cover >5 m high, Woody	
0 1 2 3 4	0 1 2 3 4
Understory Cover 0.5-5m high, Woody	
0 1 2 3 4	0 1 2 3 4
Ground Cover <0.5 m high, Woody & Herb	
0 1 2 3 4	0 1 2 3 4

0=Absent (0%)

1=Sparse (<10%)

2=Moderate (10-40%)

3=Heavy (40-75%)

4=VeryHeavy (>75%)

0= Not Present

P= >10 m

C= In 10 m plot

B= On Bank

Flags: N= Not collected, E=estimated, C=custom flag

Human Influence												
	Left Bank					Flag	Right Bank					Flag
Dike/riprap/dam	0	P	C	B		0	P	C	B			
Buildings	0	P	C	B		0	P	C	B			
Pavement/clear lot	0	P	C	B		0	P	C	B			
Road/railroad	0	P	C	B		0	P	C	B			
Pipes (inlet/outlet)	0	P	C	B		0	P	C	B			
Hydrologic alter	0	P	C	B		0	P	C	B			
Landfill/trash	0	P	C	B		0	P	C	B			
Park/lawn	0	P	C	B		0	P	C	B			
Row crops	0	P	C	B		0	P	C	B			
Pasture/range/hay	0	P	C	B		0	P	C	B			
Grazing enclosure	0	P	C	B		0	P	C	B			
Livestock grazing	0	P	C	B		0	P	C	B			
Logging operation	0	P	C	B		0	P	C	B			
Mining activity	0	P	C	B		0	P	C	B			
Recreation	0	P	C	B		0	P	C	B			

**Transect**

**Site Code**

**Crew initials**

Fish Cover			
Type	Cover in Channel	Flag	
Filamentous Algae	0 1 2 3 4		
Macrophytes	0 1 2 3 4		
Large Woody Debris	0 1 2 3 4		
Small Woody Debris	0 1 2 3 4		
Live Trees or Roots	0 1 2 3 4		
Overhanging Veg	0 1 2 3 4		
Undercut Banks	0 1 2 3 4		
Boulders	0 1 2 3 4		
Artificial Structures	0 1 2 3 4		

Veg Complexity												
Canopy >5m high	Left Bank					Flag	Right Bank					Flag
Woody Veg Type	D	C	E	M	N		D	C	E	M	N	
Big Trees	0	1	2	3	4		0	1	2	3	4	
Small Trees	0	1	2	3	4		0	1	2	3	4	
Understory 0.5 to 5 m high												
Woody Veg Type	D	C	E	M	N		D	C	E	M	N	
Woody	0	1	2	3	4		0	1	2	3	4	
Non-woody	0	1	2	3	4		0	1	2	3	4	
Ground Cover <0.5 m high												
Woody	0	1	2	3	4		0	1	2	3	4	
Non-woody	0	1	2	3	4		0	1	2	3	4	
Bare	0	1	2	3	4		0	1	2	3	4	

All Species- Presence/Absence			
Species	Left	Right	Flag
Non-Native Woody	Y N	Y N	
Native Woody	Y N	Y N	
Non-Native Herb.	Y N	Y N	
Native Herb.	Y N	Y N	
Non-Native Aquatic	Y N	Y N	
Sedges or Rushes	Y N	Y N	

Riparian Cover Only	
Left Bank	Right Bank
Canopy Cover >5 m high, Woody	
0 1 2 3 4	0 1 2 3 4
Understory Cover 0.5-5m high, Woody	
0 1 2 3 4	0 1 2 3 4
Ground Cover <0.5 m high, Woody & Herb	
0 1 2 3 4	0 1 2 3 4

0=Absent (0%)

1=Sparse (<10%)

2=Moderate (10-40%)

3=Heavy (40-75%)

4=VeryHeavy (>75%)

0= Not Present

P= >10 m

C= In 10 m plot

B= On Bank

Flags: N= Not collected, E=estimated, C=custom flag

Human Influence												
	Left Bank					Flag	Right Bank					Flag
Dike/riprap/dam	0	P	C	B		0	P	C	B			
Buildings	0	P	C	B		0	P	C	B			
Pavement/clear lot	0	P	C	B		0	P	C	B			
Road/railroad	0	P	C	B		0	P	C	B			
Pipes (inlet/outlet)	0	P	C	B		0	P	C	B			
Hydrologic alter	0	P	C	B		0	P	C	B			
Landfill/trash	0	P	C	B		0	P	C	B			
Park/lawn	0	P	C	B		0	P	C	B			
Row crops	0	P	C	B		0	P	C	B			
Pasture/range/hay	0	P	C	B		0	P	C	B			
Grazing enclosure	0	P	C	B		0	P	C	B			
Livestock grazing	0	P	C	B		0	P	C	B			
Logging operation	0	P	C	B		0	P	C	B			
Mining activity	0	P	C	B		0	P	C	B			
Recreation	0	P	C	B		0	P	C	B			

**Transect**

**Site Code**

**Crew initials**

Fish Cover			
Type	Cover in Channel	Flag	
Filamentous Algae	0 1 2 3 4		
Macrophytes	0 1 2 3 4		
Large Woody Debris	0 1 2 3 4		
Small Woody Debris	0 1 2 3 4		
Live Trees or Roots	0 1 2 3 4		
Overhanging Veg	0 1 2 3 4		
Undercut Banks	0 1 2 3 4		
Boulders	0 1 2 3 4		
Artificial Structures	0 1 2 3 4		

Veg Complexity												
Canopy >5m high	Left Bank					Flag	Right Bank					Flag
Woody Veg Type	D	C	E	M	N		D	C	E	M	N	
Big Trees	0	1	2	3	4		0	1	2	3	4	
Small Trees	0	1	2	3	4		0	1	2	3	4	
Understory 0.5 to 5 m high												
Woody Veg Type	D	C	E	M	N		D	C	E	M	N	
Woody	0	1	2	3	4		0	1	2	3	4	
Non-woody	0	1	2	3	4		0	1	2	3	4	
Ground Cover <0.5 m high												
Woody	0	1	2	3	4		0	1	2	3	4	
Non-woody	0	1	2	3	4		0	1	2	3	4	
Bare	0	1	2	3	4		0	1	2	3	4	

All Species- Presence/Absence			
Species	Left	Right	Flag
Non-Native Woody	Y N	Y N	
Native Woody	Y N	Y N	
Non-Native Herb.	Y N	Y N	
Native Herb.	Y N	Y N	
Non-Native Aquatic	Y N	Y N	
Sedges or Rushes	Y N	Y N	

Riparian Cover Only	
Left Bank	Right Bank
Canopy Cover >5 m high, Woody	
0 1 2 3 4	0 1 2 3 4
Understory Cover 0.5-5m high, Woody	
0 1 2 3 4	0 1 2 3 4
Ground Cover <0.5 m high, Woody & Herb	
0 1 2 3 4	0 1 2 3 4

0=Absent (0%)

1=Sparse (<10%)

2=Moderate (10-40%)

3=Heavy (40-75%)

4=VeryHeavy (>75%)

0= Not Present

P= >10 m

C= In 10 m plot

B= On Bank

Flags: N= Not collected, E=estimated, C=custom flag

Human Influence												
	Left Bank					Flag	Right Bank					Flag
Dike/riprap/dam	0	P	C	B		0	P	C	B			
Buildings	0	P	C	B		0	P	C	B			
Pavement/clear lot	0	P	C	B		0	P	C	B			
Road/railroad	0	P	C	B		0	P	C	B			
Pipes (inlet/outlet)	0	P	C	B		0	P	C	B			
Hydrologic alter	0	P	C	B		0	P	C	B			
Landfill/trash	0	P	C	B		0	P	C	B			
Park/lawn	0	P	C	B		0	P	C	B			
Row crops	0	P	C	B		0	P	C	B			
Pasture/range/hay	0	P	C	B		0	P	C	B			
Grazing enclosure	0	P	C	B		0	P	C	B			
Livestock grazing	0	P	C	B		0	P	C	B			
Logging operation	0	P	C	B		0	P	C	B			
Mining activity	0	P	C	B		0	P	C	B			
Recreation	0	P	C	B		0	P	C	B			



**Transect**

**Site Code**

**Crew initials**

Fish Cover			
Type	Cover in Channel	Flag	
Filamentous Algae	0 1 2 3 4		
Macrophytes	0 1 2 3 4		
Large Woody Debris	0 1 2 3 4		
Small Woody Debris	0 1 2 3 4		
Live Trees or Roots	0 1 2 3 4		
Overhanging Veg	0 1 2 3 4		
Undercut Banks	0 1 2 3 4		
Boulders	0 1 2 3 4		
Artificial Structures	0 1 2 3 4		

Veg Complexity												
Canopy >5m high	Left Bank					Flag	Right Bank					Flag
Woody Veg Type	D	C	E	M	N		D	C	E	M	N	
Big Trees	0	1	2	3	4		0	1	2	3	4	
Small Trees	0	1	2	3	4		0	1	2	3	4	
Understory 0.5 to 5 m high												
Woody Veg Type	D	C	E	M	N		D	C	E	M	N	
Woody	0	1	2	3	4		0	1	2	3	4	
Non-woody	0	1	2	3	4		0	1	2	3	4	
Ground Cover <0.5 m high												
Woody	0	1	2	3	4		0	1	2	3	4	
Non-woody	0	1	2	3	4		0	1	2	3	4	
Bare	0	1	2	3	4		0	1	2	3	4	

All Species- Presence/Absence			
Species	Left	Right	Flag
Non-Native Woody	Y N	Y N	
Native Woody	Y N	Y N	
Non-Native Herb.	Y N	Y N	
Native Herb.	Y N	Y N	
Non-Native Aquatic	Y N	Y N	
Sedges or Rushes	Y N	Y N	

Riparian Cover Only	
Left Bank	Right Bank
Canopy Cover >5 m high, Woody	
0 1 2 3 4	0 1 2 3 4
Understory Cover 0.5-5m high, Woody	
0 1 2 3 4	0 1 2 3 4
Ground Cover <0.5 m high, Woody & Herb	
0 1 2 3 4	0 1 2 3 4

0=Absent (0%)

1=Sparse (<10%)

2=Moderate (10-40%)

3=Heavy (40-75%)

4=VeryHeavy (>75%)

0= Not Present

P= >10 m

C= In 10 m plot

B= On Bank

Flags: N= Not collected, E=estimated, C=custom flag

Human Influence												
	Left Bank					Flag	Right Bank					Flag
Dike/riprap/dam	0	P	C	B		0	P	C	B			
Buildings	0	P	C	B		0	P	C	B			
Pavement/clear lot	0	P	C	B		0	P	C	B			
Road/railroad	0	P	C	B		0	P	C	B			
Pipes (inlet/outlet)	0	P	C	B		0	P	C	B			
Hydrologic alter	0	P	C	B		0	P	C	B			
Landfill/trash	0	P	C	B		0	P	C	B			
Park/lawn	0	P	C	B		0	P	C	B			
Row crops	0	P	C	B		0	P	C	B			
Pasture/range/hay	0	P	C	B		0	P	C	B			
Grazing enclosure	0	P	C	B		0	P	C	B			
Livestock grazing	0	P	C	B		0	P	C	B			
Logging operation	0	P	C	B		0	P	C	B			
Mining activity	0	P	C	B		0	P	C	B			
Recreation	0	P	C	B		0	P	C	B			

**Transect**

**Site Code**

**Crew initials**

Fish Cover			
Type	Cover in Channel	Flag	
Filamentous Algae	0 1 2 3 4		
Macrophytes	0 1 2 3 4		
Large Woody Debris	0 1 2 3 4		
Small Woody Debris	0 1 2 3 4		
Live Trees or Roots	0 1 2 3 4		
Overhanging Veg	0 1 2 3 4		
Undercut Banks	0 1 2 3 4		
Boulders	0 1 2 3 4		
Artificial Structures	0 1 2 3 4		

Veg Complexity												
Canopy >5m high	Left Bank					Flag	Right Bank					Flag
Woody Veg Type	D	C	E	M	N		D	C	E	M	N	
Big Trees	0	1	2	3	4		0	1	2	3	4	
Small Trees	0	1	2	3	4		0	1	2	3	4	
Understory 0.5 to 5 m high												
Woody Veg Type	D	C	E	M	N		D	C	E	M	N	
Woody	0	1	2	3	4		0	1	2	3	4	
Non-woody	0	1	2	3	4		0	1	2	3	4	
Ground Cover <0.5 m high												
Woody	0	1	2	3	4		0	1	2	3	4	
Non-woody	0	1	2	3	4		0	1	2	3	4	
Bare	0	1	2	3	4		0	1	2	3	4	

All Species- Presence/Absence			
Species	Left	Right	Flag
Non-Native Woody	Y N	Y N	
Native Woody	Y N	Y N	
Non-Native Herb.	Y N	Y N	
Native Herb.	Y N	Y N	
Non-Native Aquatic	Y N	Y N	
Sedges or Rushes	Y N	Y N	

Riparian Cover Only	
Left Bank	Right Bank
Canopy Cover >5 m high, Woody	
0 1 2 3 4	0 1 2 3 4
Understory Cover 0.5-5m high, Woody	
0 1 2 3 4	0 1 2 3 4
Ground Cover <0.5 m high, Woody & Herb	
0 1 2 3 4	0 1 2 3 4

0=Absent (0%)

1=Sparse (<10%)

2=Moderate (10-40%)

3=Heavy (40-75%)

4=VeryHeavy (>75%)

0= Not Present

P= >10 m

C= In 10 m plot

B= On Bank

Flags: N= Not collected, E=estimated, C=custom flag

Human Influence												
	Left Bank					Flag	Right Bank					Flag
Dike/riprap/dam	0	P	C	B		0	P	C	B			
Buildings	0	P	C	B		0	P	C	B			
Pavement/clear lot	0	P	C	B		0	P	C	B			
Road/railroad	0	P	C	B		0	P	C	B			
Pipes (inlet/outlet)	0	P	C	B		0	P	C	B			
Hydrologic alter	0	P	C	B		0	P	C	B			
Landfill/trash	0	P	C	B		0	P	C	B			
Park/lawn	0	P	C	B		0	P	C	B			
Row crops	0	P	C	B		0	P	C	B			
Pasture/range/hay	0	P	C	B		0	P	C	B			
Grazing enclosure	0	P	C	B		0	P	C	B			
Livestock grazing	0	P	C	B		0	P	C	B			
Logging operation	0	P	C	B		0	P	C	B			
Mining activity	0	P	C	B		0	P	C	B			
Recreation	0	P	C	B		0	P	C	B			

**Transect**

**Site Code**

**Crew initials**

Fish Cover			
Type	Cover in Channel	Flag	
Filamentous Algae	0 1 2 3 4		
Macrophytes	0 1 2 3 4		
Large Woody Debris	0 1 2 3 4		
Small Woody Debris	0 1 2 3 4		
Live Trees or Roots	0 1 2 3 4		
Overhanging Veg	0 1 2 3 4		
Undercut Banks	0 1 2 3 4		
Boulders	0 1 2 3 4		
Artificial Structures	0 1 2 3 4		

Veg Complexity												
Canopy >5m high	Left Bank					Flag	Right Bank					Flag
Woody Veg Type	D	C	E	M	N		D	C	E	M	N	
Big Trees	0	1	2	3	4		0	1	2	3	4	
Small Trees	0	1	2	3	4		0	1	2	3	4	
Understory 0.5 to 5 m high												
Woody Veg Type	D	C	E	M	N		D	C	E	M	N	
Woody	0	1	2	3	4		0	1	2	3	4	
Non-woody	0	1	2	3	4		0	1	2	3	4	
Ground Cover <0.5 m high												
Woody	0	1	2	3	4		0	1	2	3	4	
Non-woody	0	1	2	3	4		0	1	2	3	4	
Bare	0	1	2	3	4		0	1	2	3	4	

All Species- Presence/Absence			
Species	Left	Right	Flag
Non-Native Woody	Y N	Y N	
Native Woody	Y N	Y N	
Non-Native Herb.	Y N	Y N	
Native Herb.	Y N	Y N	
Non-Native Aquatic	Y N	Y N	
Sedges or Rushes	Y N	Y N	

Riparian Cover Only	
Left Bank	Right Bank
Canopy Cover >5 m high, Woody	
0 1 2 3 4	0 1 2 3 4
Understory Cover 0.5-5m high, Woody	
0 1 2 3 4	0 1 2 3 4
Ground Cover <0.5 m high, Woody & Herb	
0 1 2 3 4	0 1 2 3 4

0=Absent (0%)

1=Sparse (<10%)

2=Moderate (10-40%)

3=Heavy (40-75%)

4=VeryHeavy (>75%)

0= Not Present

P= >10 m

C= In 10 m plot

B= On Bank

Flags: N= Not collected, E=estimated, C=custom flag

Human Influence												
	Left Bank					Flag	Right Bank					Flag
Dike/riprap/dam	0	P	C	B		0	P	C	B			
Buildings	0	P	C	B		0	P	C	B			
Pavement/clear lot	0	P	C	B		0	P	C	B			
Road/railroad	0	P	C	B		0	P	C	B			
Pipes (inlet/outlet)	0	P	C	B		0	P	C	B			
Hydrologic alter	0	P	C	B		0	P	C	B			
Landfill/trash	0	P	C	B		0	P	C	B			
Park/lawn	0	P	C	B		0	P	C	B			
Row crops	0	P	C	B		0	P	C	B			
Pasture/range/hay	0	P	C	B		0	P	C	B			
Grazing enclosure	0	P	C	B		0	P	C	B			
Livestock grazing	0	P	C	B		0	P	C	B			
Logging operation	0	P	C	B		0	P	C	B			
Mining activity	0	P	C	B		0	P	C	B			
Recreation	0	P	C	B		0	P	C	B			

**Transect**

**Site Code**

**Crew initials**

Fish Cover			
Type	Cover in Channel	Flag	
Filamentous Algae	0 1 2 3 4		
Macrophytes	0 1 2 3 4		
Large Woody Debris	0 1 2 3 4		
Small Woody Debris	0 1 2 3 4		
Live Trees or Roots	0 1 2 3 4		
Overhanging Veg	0 1 2 3 4		
Undercut Banks	0 1 2 3 4		
Boulders	0 1 2 3 4		
Artificial Structures	0 1 2 3 4		

Veg Complexity												
Canopy >5m high	Left Bank					Flag	Right Bank					Flag
Woody Veg Type	D	C	E	M	N		D	C	E	M	N	
Big Trees	0	1	2	3	4		0	1	2	3	4	
Small Trees	0	1	2	3	4		0	1	2	3	4	
Understory 0.5 to 5 m high												
Woody Veg Type	D	C	E	M	N		D	C	E	M	N	
Woody	0	1	2	3	4		0	1	2	3	4	
Non-woody	0	1	2	3	4		0	1	2	3	4	
Ground Cover <0.5 m high												
Woody	0	1	2	3	4		0	1	2	3	4	
Non-woody	0	1	2	3	4		0	1	2	3	4	
Bare	0	1	2	3	4		0	1	2	3	4	

All Species- Presence/Absence			
Species	Left	Right	Flag
Non-Native Woody	Y N	Y N	
Native Woody	Y N	Y N	
Non-Native Herb.	Y N	Y N	
Native Herb.	Y N	Y N	
Non-Native Aquatic	Y N	Y N	
Sedges or Rushes	Y N	Y N	

Riparian Cover Only	
Left Bank	Right Bank
Canopy Cover >5 m high, Woody	
0 1 2 3 4	0 1 2 3 4
Understory Cover 0.5-5m high, Woody	
0 1 2 3 4	0 1 2 3 4
Ground Cover <0.5 m high, Woody & Herb	
0 1 2 3 4	0 1 2 3 4

0=Absent (0%)

1=Sparse (<10%)

2=Moderate (10-40%)

3=Heavy (40-75%)

4=VeryHeavy (>75%)

0= Not Present

P= >10 m

C= In 10 m plot

B= On Bank

Flags: N= Not collected, E=estimated, C=custom flag

Human Influence												
	Left Bank					Flag	Right Bank					Flag
Dike/riprap/dam	0	P	C	B		0	P	C	B			
Buildings	0	P	C	B		0	P	C	B			
Pavement/clear lot	0	P	C	B		0	P	C	B			
Road/railroad	0	P	C	B		0	P	C	B			
Pipes (inlet/outlet)	0	P	C	B		0	P	C	B			
Hydrologic alter	0	P	C	B		0	P	C	B			
Landfill/trash	0	P	C	B		0	P	C	B			
Park/lawn	0	P	C	B		0	P	C	B			
Row crops	0	P	C	B		0	P	C	B			
Pasture/range/hay	0	P	C	B		0	P	C	B			
Grazing enclosure	0	P	C	B		0	P	C	B			
Livestock grazing	0	P	C	B		0	P	C	B			
Logging operation	0	P	C	B		0	P	C	B			
Mining activity	0	P	C	B		0	P	C	B			
Recreation	0	P	C	B		0	P	C	B			

**Transect**

**Site Code**

**Crew initials**

Fish Cover			
Type	Cover in Channel	Flag	
Filamentous Algae	0 1 2 3 4		
Macrophytes	0 1 2 3 4		
Large Woody Debris	0 1 2 3 4		
Small Woody Debris	0 1 2 3 4		
Live Trees or Roots	0 1 2 3 4		
Overhanging Veg	0 1 2 3 4		
Undercut Banks	0 1 2 3 4		
Boulders	0 1 2 3 4		
Artificial Structures	0 1 2 3 4		

Veg Complexity												
Canopy >5m high	Left Bank					Flag	Right Bank					Flag
Woody Veg Type	D	C	E	M	N		D	C	E	M	N	
Big Trees	0	1	2	3	4		0	1	2	3	4	
Small Trees	0	1	2	3	4		0	1	2	3	4	
Understory 0.5 to 5 m high												
Woody Veg Type	D	C	E	M	N		D	C	E	M	N	
Woody	0	1	2	3	4		0	1	2	3	4	
Non-woody	0	1	2	3	4		0	1	2	3	4	
Ground Cover <0.5 m high												
Woody	0	1	2	3	4		0	1	2	3	4	
Non-woody	0	1	2	3	4		0	1	2	3	4	
Bare	0	1	2	3	4		0	1	2	3	4	

All Species- Presence/Absence			
Species	Left	Right	Flag
Non-Native Woody	Y N	Y N	
Native Woody	Y N	Y N	
Non-Native Herb.	Y N	Y N	
Native Herb.	Y N	Y N	
Non-Native Aquatic	Y N	Y N	
Sedges or Rushes	Y N	Y N	

Riparian Cover Only	
Left Bank	Right Bank
Canopy Cover >5 m high, Woody	
0 1 2 3 4	0 1 2 3 4
Understory Cover 0.5-5m high, Woody	
0 1 2 3 4	0 1 2 3 4
Ground Cover <0.5 m high, Woody & Herb	
0 1 2 3 4	0 1 2 3 4

0=Absent (0%)

1=Sparse (<10%)

2=Moderate (10-40%)

3=Heavy (40-75%)

4=VeryHeavy (>75%)

0= Not Present

P= >10 m

C= In 10 m plot

B= On Bank

Flags: N= Not collected, E=estimated, C=custom flag

Human Influence												
	Left Bank					Flag	Right Bank					Flag
Dike/riprap/dam	0	P	C	B		0	P	C	B			
Buildings	0	P	C	B		0	P	C	B			
Pavement/clear lot	0	P	C	B		0	P	C	B			
Road/railroad	0	P	C	B		0	P	C	B			
Pipes (inlet/outlet)	0	P	C	B		0	P	C	B			
Hydrologic alter	0	P	C	B		0	P	C	B			
Landfill/trash	0	P	C	B		0	P	C	B			
Park/lawn	0	P	C	B		0	P	C	B			
Row crops	0	P	C	B		0	P	C	B			
Pasture/range/hay	0	P	C	B		0	P	C	B			
Grazing enclosure	0	P	C	B		0	P	C	B			
Livestock grazing	0	P	C	B		0	P	C	B			
Logging operation	0	P	C	B		0	P	C	B			
Mining activity	0	P	C	B		0	P	C	B			
Recreation	0	P	C	B		0	P	C	B			

Transect		Site Code		Crew initials		
Station	Depth (cm)	Flow	Too Deep?	Rod Angle	Flag	Comments
1		Y N	>5m taken at angle			
2		Y N	>5m taken at angle			
3		Y N	>5m taken at angle			
4		Y N	>5m taken at angle			
5		Y N	>5m taken at angle			
6		Y N	>5m taken at angle			
7		Y N	>5m taken at angle			
8		Y N	>5m taken at angle			
9		Y N	>5m taken at angle			
10		Y N	>5m taken at angle			
11		Y N	>5m taken at angle			
12		Y N	>5m taken at angle			
13		Y N	>5m taken at angle			
14		Y N	>5m taken at angle			
15		Y N	>5m taken at angle			
16		Y N	>5m taken at angle			
17		Y N	>5m taken at angle			
18		Y N	>5m taken at angle			
19		Y N	>5m taken at angle			
20		Y N	>5m taken at angle			
21		Y N	>5m taken at angle			
22		Y N	>5m taken at angle			
23		Y N	>5m taken at angle			
24		Y N	>5m taken at angle			
25		Y N	>5m taken at angle			
26		Y N	>5m taken at angle			
27		Y N	>5m taken at angle			
28		Y N	>5m taken at angle			
29		Y N	>5m taken at angle			
30		Y N	>5m taken at angle			

Flags: N= Not collected, E=estimated, C=custom flag

Transect		Site Code		Crew initials		
Station	Depth (cm)	Flow	Too Deep?	Rod Angle	Flag	Comments
1		Y N	>5m taken at angle			
2		Y N	>5m taken at angle			
3		Y N	>5m taken at angle			
4		Y N	>5m taken at angle			
5		Y N	>5m taken at angle			
6		Y N	>5m taken at angle			
7		Y N	>5m taken at angle			
8		Y N	>5m taken at angle			
9		Y N	>5m taken at angle			
10		Y N	>5m taken at angle			
11		Y N	>5m taken at angle			
12		Y N	>5m taken at angle			
13		Y N	>5m taken at angle			
14		Y N	>5m taken at angle			
15		Y N	>5m taken at angle			
16		Y N	>5m taken at angle			
17		Y N	>5m taken at angle			
18		Y N	>5m taken at angle			
19		Y N	>5m taken at angle			
20		Y N	>5m taken at angle			
21		Y N	>5m taken at angle			
22		Y N	>5m taken at angle			
23		Y N	>5m taken at angle			
24		Y N	>5m taken at angle			
25		Y N	>5m taken at angle			
26		Y N	>5m taken at angle			
27		Y N	>5m taken at angle			
28		Y N	>5m taken at angle			
29		Y N	>5m taken at angle			
30		Y N	>5m taken at angle			

Flags: N= Not collected, E=estimated, C=custom flag

Transect		Site Code		Crew initials		
Station	Depth (cm)	Flow	Too Deep?	Rod Angle	Flag	Comments
1		Y N	>5m taken at angle			
2		Y N	>5m taken at angle			
3		Y N	>5m taken at angle			
4		Y N	>5m taken at angle			
5		Y N	>5m taken at angle			
6		Y N	>5m taken at angle			
7		Y N	>5m taken at angle			
8		Y N	>5m taken at angle			
9		Y N	>5m taken at angle			
10		Y N	>5m taken at angle			
11		Y N	>5m taken at angle			
12		Y N	>5m taken at angle			
13		Y N	>5m taken at angle			
14		Y N	>5m taken at angle			
15		Y N	>5m taken at angle			
16		Y N	>5m taken at angle			
17		Y N	>5m taken at angle			
18		Y N	>5m taken at angle			
19		Y N	>5m taken at angle			
20		Y N	>5m taken at angle			
21		Y N	>5m taken at angle			
22		Y N	>5m taken at angle			
23		Y N	>5m taken at angle			
24		Y N	>5m taken at angle			
25		Y N	>5m taken at angle			
26		Y N	>5m taken at angle			
27		Y N	>5m taken at angle			
28		Y N	>5m taken at angle			
29		Y N	>5m taken at angle			
30		Y N	>5m taken at angle			

Flags: N= Not collected, E=estimated, C=custom flag



Transect		Site Code		Crew initials		
Station	Depth (cm)	Flow	Too Deep?	Rod Angle	Flag	Comments
1		Y N	>5m taken at angle			
2		Y N	>5m taken at angle			
3		Y N	>5m taken at angle			
4		Y N	>5m taken at angle			
5		Y N	>5m taken at angle			
6		Y N	>5m taken at angle			
7		Y N	>5m taken at angle			
8		Y N	>5m taken at angle			
9		Y N	>5m taken at angle			
10		Y N	>5m taken at angle			
11		Y N	>5m taken at angle			
12		Y N	>5m taken at angle			
13		Y N	>5m taken at angle			
14		Y N	>5m taken at angle			
15		Y N	>5m taken at angle			
16		Y N	>5m taken at angle			
17		Y N	>5m taken at angle			
18		Y N	>5m taken at angle			
19		Y N	>5m taken at angle			
20		Y N	>5m taken at angle			
21		Y N	>5m taken at angle			
22		Y N	>5m taken at angle			
23		Y N	>5m taken at angle			
24		Y N	>5m taken at angle			
25		Y N	>5m taken at angle			
26		Y N	>5m taken at angle			
27		Y N	>5m taken at angle			
28		Y N	>5m taken at angle			
29		Y N	>5m taken at angle			
30		Y N	>5m taken at angle			

Flags: N= Not collected, E=estimated, C=custom flag

Transect		Site Code		Crew initials		
Station	Depth (cm)	Flow	Too Deep?	Rod Angle	Flag	Comments
1		Y N	>5m taken at angle			
2		Y N	>5m taken at angle			
3		Y N	>5m taken at angle			
4		Y N	>5m taken at angle			
5		Y N	>5m taken at angle			
6		Y N	>5m taken at angle			
7		Y N	>5m taken at angle			
8		Y N	>5m taken at angle			
9		Y N	>5m taken at angle			
10		Y N	>5m taken at angle			
11		Y N	>5m taken at angle			
12		Y N	>5m taken at angle			
13		Y N	>5m taken at angle			
14		Y N	>5m taken at angle			
15		Y N	>5m taken at angle			
16		Y N	>5m taken at angle			
17		Y N	>5m taken at angle			
18		Y N	>5m taken at angle			
19		Y N	>5m taken at angle			
20		Y N	>5m taken at angle			
21		Y N	>5m taken at angle			
22		Y N	>5m taken at angle			
23		Y N	>5m taken at angle			
24		Y N	>5m taken at angle			
25		Y N	>5m taken at angle			
26		Y N	>5m taken at angle			
27		Y N	>5m taken at angle			
28		Y N	>5m taken at angle			
29		Y N	>5m taken at angle			
30		Y N	>5m taken at angle			

Flags: N= Not collected, E=estimated, C=custom flag

Transect		Site Code		Crew initials		
Station	Depth (cm)	Flow	Too Deep?	Rod Angle	Flag	Comments
1		Y N	>5m taken at angle			
2		Y N	>5m taken at angle			
3		Y N	>5m taken at angle			
4		Y N	>5m taken at angle			
5		Y N	>5m taken at angle			
6		Y N	>5m taken at angle			
7		Y N	>5m taken at angle			
8		Y N	>5m taken at angle			
9		Y N	>5m taken at angle			
10		Y N	>5m taken at angle			
11		Y N	>5m taken at angle			
12		Y N	>5m taken at angle			
13		Y N	>5m taken at angle			
14		Y N	>5m taken at angle			
15		Y N	>5m taken at angle			
16		Y N	>5m taken at angle			
17		Y N	>5m taken at angle			
18		Y N	>5m taken at angle			
19		Y N	>5m taken at angle			
20		Y N	>5m taken at angle			
21		Y N	>5m taken at angle			
22		Y N	>5m taken at angle			
23		Y N	>5m taken at angle			
24		Y N	>5m taken at angle			
25		Y N	>5m taken at angle			
26		Y N	>5m taken at angle			
27		Y N	>5m taken at angle			
28		Y N	>5m taken at angle			
29		Y N	>5m taken at angle			
30		Y N	>5m taken at angle			

Flags: N= Not collected, E=estimated, C=custom flag

Transect		Site Code		Crew initials		
Station	Depth (cm)	Flow	Too Deep?	Rod Angle	Flag	Comments
1		Y N	>5m taken at angle			
2		Y N	>5m taken at angle			
3		Y N	>5m taken at angle			
4		Y N	>5m taken at angle			
5		Y N	>5m taken at angle			
6		Y N	>5m taken at angle			
7		Y N	>5m taken at angle			
8		Y N	>5m taken at angle			
9		Y N	>5m taken at angle			
10		Y N	>5m taken at angle			
11		Y N	>5m taken at angle			
12		Y N	>5m taken at angle			
13		Y N	>5m taken at angle			
14		Y N	>5m taken at angle			
15		Y N	>5m taken at angle			
16		Y N	>5m taken at angle			
17		Y N	>5m taken at angle			
18		Y N	>5m taken at angle			
19		Y N	>5m taken at angle			
20		Y N	>5m taken at angle			
21		Y N	>5m taken at angle			
22		Y N	>5m taken at angle			
23		Y N	>5m taken at angle			
24		Y N	>5m taken at angle			
25		Y N	>5m taken at angle			
26		Y N	>5m taken at angle			
27		Y N	>5m taken at angle			
28		Y N	>5m taken at angle			
29		Y N	>5m taken at angle			
30		Y N	>5m taken at angle			

Flags: N= Not collected, E=estimated, C=custom flag

Transect		Site Code		Crew initials		
Station	Depth (cm)	Flow	Too Deep?	Rod Angle	Flag	Comments
1		Y N	>5m taken at angle			
2		Y N	>5m taken at angle			
3		Y N	>5m taken at angle			
4		Y N	>5m taken at angle			
5		Y N	>5m taken at angle			
6		Y N	>5m taken at angle			
7		Y N	>5m taken at angle			
8		Y N	>5m taken at angle			
9		Y N	>5m taken at angle			
10		Y N	>5m taken at angle			
11		Y N	>5m taken at angle			
12		Y N	>5m taken at angle			
13		Y N	>5m taken at angle			
14		Y N	>5m taken at angle			
15		Y N	>5m taken at angle			
16		Y N	>5m taken at angle			
17		Y N	>5m taken at angle			
18		Y N	>5m taken at angle			
19		Y N	>5m taken at angle			
20		Y N	>5m taken at angle			
21		Y N	>5m taken at angle			
22		Y N	>5m taken at angle			
23		Y N	>5m taken at angle			
24		Y N	>5m taken at angle			
25		Y N	>5m taken at angle			
26		Y N	>5m taken at angle			
27		Y N	>5m taken at angle			
28		Y N	>5m taken at angle			
29		Y N	>5m taken at angle			
30		Y N	>5m taken at angle			

Flags: N= Not collected, E=estimated, C=custom flag

Transect		Site Code		Crew initials		
Station	Depth (cm)	Flow	Too Deep?	Rod Angle	Flag	Comments
1		Y N	>5m taken at angle			
2		Y N	>5m taken at angle			
3		Y N	>5m taken at angle			
4		Y N	>5m taken at angle			
5		Y N	>5m taken at angle			
6		Y N	>5m taken at angle			
7		Y N	>5m taken at angle			
8		Y N	>5m taken at angle			
9		Y N	>5m taken at angle			
10		Y N	>5m taken at angle			
11		Y N	>5m taken at angle			
12		Y N	>5m taken at angle			
13		Y N	>5m taken at angle			
14		Y N	>5m taken at angle			
15		Y N	>5m taken at angle			
16		Y N	>5m taken at angle			
17		Y N	>5m taken at angle			
18		Y N	>5m taken at angle			
19		Y N	>5m taken at angle			
20		Y N	>5m taken at angle			
21		Y N	>5m taken at angle			
22		Y N	>5m taken at angle			
23		Y N	>5m taken at angle			
24		Y N	>5m taken at angle			
25		Y N	>5m taken at angle			
26		Y N	>5m taken at angle			
27		Y N	>5m taken at angle			
28		Y N	>5m taken at angle			
29		Y N	>5m taken at angle			
30		Y N	>5m taken at angle			

Flags: N= Not collected, E=estimated, C=custom flag

Transect		Site Code		Crew initials		
Station	Depth (cm)	Flow	Too Deep?	Rod Angle	Flag	Comments
1		Y N	>5m taken at angle			
2		Y N	>5m taken at angle			
3		Y N	>5m taken at angle			
4		Y N	>5m taken at angle			
5		Y N	>5m taken at angle			
6		Y N	>5m taken at angle			
7		Y N	>5m taken at angle			
8		Y N	>5m taken at angle			
9		Y N	>5m taken at angle			
10		Y N	>5m taken at angle			
11		Y N	>5m taken at angle			
12		Y N	>5m taken at angle			
13		Y N	>5m taken at angle			
14		Y N	>5m taken at angle			
15		Y N	>5m taken at angle			
16		Y N	>5m taken at angle			
17		Y N	>5m taken at angle			
18		Y N	>5m taken at angle			
19		Y N	>5m taken at angle			
20		Y N	>5m taken at angle			
21		Y N	>5m taken at angle			
22		Y N	>5m taken at angle			
23		Y N	>5m taken at angle			
24		Y N	>5m taken at angle			
25		Y N	>5m taken at angle			
26		Y N	>5m taken at angle			
27		Y N	>5m taken at angle			
28		Y N	>5m taken at angle			
29		Y N	>5m taken at angle			
30		Y N	>5m taken at angle			

Flags: N= Not collected, E=estimated, C=custom flag







**Site Code**

**Crew initials**

**Pool Habitat**

Survey Status<sup>^</sup>:  Length Surveyed:

**Flood-Prone Width**

Unit #	Habitat Type*	Pool Tail Depth (cm)	Max Depth (cm)	Angle if too deep	Length (m)
1	F P				
2	F P				
3	F P				
4	F P				
5	F P				
6	F P				
7	F P				
8	F P				
9	F P				
10	F P				
11	F P				
12	F P				
13	F P				
14	F P				
15	F P				
16	F P				
17	F P				
18	F P				
19	F P				
20	F P				
21	F P				
22	F P				
23	F P				
24	F P				
25	F P				
26	F P				
27	F P				
28	F P				
29	F P				
30	F P				

Measurement	Transect A	Transect K
Bankfull width (m)		
Bankfull height (cm)		
Max water depth (cm)		
<b>Flood-prone height (cm) =</b> (Bankfull Height + Max Water Depth) * 2		
<b>Flood-prone width (m)<sup>#</sup></b>		

<sup>#</sup>Max floodprone width= 3\*Bankfull width

<sup>^</sup>C=Collected, P=Partial Collected/Partial Flow, NF=No Flow, NP=No Pools, NC=Not Collected

\*Habitat Types: F = Full pool P = Partial pool



**Site Code****Crew initials****Pool Tail Fines**

<b>Pool#</b>	<b>Grid#</b>	<b>Fines&lt;2mm</b>	<b>Fines&lt;6mm</b>	<b>&gt; 6mm &lt;512 mm</b>
1	1			
1	2			
1	3			
2	1			
2	2			
2	3			
3	1			
3	2			
3	3			
4	1			
4	2			
4	3			
5	1			
5	2			
5	3			
6	1			
6	2			
6	3			
7	1			
7	2			
7	3			
8	1			
8	2			
8	3			
9	1			
9	2			
9	3			
10	1			
10	2			
10	3			