

FIELD ASSESSMENT FORM

STREAM NAME:	LOCATION:	
REACH ID:	RIVER BASIN:	
SURVEYORS:		
FORM COMPLETED BY:	DATE:	TIME:

BEFORE YOU BEGIN:

(1) Assessments should be done downstream to upstream. (2) Note any tributaries, and use consistent ID naming convention. (3) Right and left bank are determined by facing downstream. (4) All photos should be taken facing downstream with a rod or other scalable feature unless noted otherwise. (5) Photos should be taken using the Survey123 companion app to collect georeferenced photos and record notes.

1. GENERAL DATA COLLECTION

REACH OBSERVATIONS		
Reach Upstream Extent:	Latitude:	Longitude:
Reach Downstream Extent:	Latitude:	Longitude:
Reference Reach?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
Predominant Channel Material:		
Adjacent Land Use:		
Approximate Reach Length:		
Reach Observation Notes:		
Reach Impairment Rating: (1 = not impaired; 5 = severely impaired)	<input type="checkbox"/> 1	<input type="checkbox"/> 2
	<input type="checkbox"/> 3	<input type="checkbox"/> 4
	<input type="checkbox"/> 5	

INSTABILITIES**Instability Observed?** YES NO**Length of Instability:
(approximate)****Type of Instability:****Description of Instability:****Additional Instability?** YES NO**Length of Instability:
(approximate)****Type of Instability:****Description of Instability:****Additional Instability?** YES NO**Length of Instability:
(approximate)****Type of Instability:****Description of Instability:**

2. RAPID STREAM ASSESSMENT METRICS

Circle one rating for each metric. Space is provided at the bottom for total calculation.

METRIC	SCORE CRITERIA		
Riparian Zone Width:	Poor (0-9 m) (+0)	Moderate (9-18 m) (+2)	Good (>18 m) (+4)
Riparian Vegetative Quality:	Poor (0-25% Native) (+0)	Moderate (25-75% Native) (+2)	Good (>75% Native) (+4)
Canopy Cover:	Poor (<30%, 89-100%) (+0)	Moderate (30-50%) (+2)	Good (51-88%) (+4)
Local Watershed Erosion:	Heavy (+0)	Moderate (+2)	Good (+4)
Sediment Deposition:	Poor (>75% of bottom affected) (+0)	Moderate (25-75% of bottom affected) (+2)	Good (<25% of bottom affected) (+4)
Habitat Availability:	Poor (<10% stable habitat) (+0)	Moderate (10-50% stable habitat) (+2)	Good (<50% of habitat affected) (+4)
Habitat Smothering:	Poor (>75% of habitat affected) (+0)	Moderate (25-75% of habitat affected) (+2)	Good (<25% of habitat affected) (+4)
Channel Alteration:	Poor (extensive channelization evident) (+0)	Moderate (moderate channelization evident) (+2)	Good (no channelization evident) (+4)
Channel Sinuosity:	Poor (straight channel) (+0)	Moderate (some bends in channel) (+2)	Good (extensive bends in channel) (+4)
Bank Stability:	Poor (>60% of banks unstable/eroding) (+0)	Moderate (30-60% of banks unstable/eroding) (+2)	Good (<30% of banks unstable/eroding) (+4)
Bank Vegetative Protection:	Poor (<50% of streambank with vegetation) (+0)	Moderate (50-75% of streambank with vegetation) (+2)	Good (>75% of streambank with vegetation) (+4)
Macroinvertebrates Present:	Not present (+0)		Present (+2)
TOTAL:			

3. OTHER OBSERVATIONS

INVASIVE SPECIES	
Type(s) of Invasive Species: (identified to the lowest taxonomic level possible)	
Invasive Species Abundance: (estimate percentage)	
INFRASTRUCTURE	
Infrastructure Present?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Type of Infrastructure: (list any sewer crossing, utilities, unpaved roads, etc. present in the vicinity)	
OTHER	
Litter Observed?	<input type="checkbox"/> NONE <input type="checkbox"/> LOW (minimal) <input type="checkbox"/> HIGH (significant)
Storm Debris?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Adjacent Property Impacts: (list any agriculture, wastewater treatment facilities, landfills, C&D, vagrant encampment, etc.)	

Property Owner Input: (list any verbal input from property owner)

Access Notes: (list ease of access or constraints. Include any additional information concerning access)

Constructability: (include evaluation of project constructability)

ADDITIONAL OBSERVATIONS

Note any additional observations here (outfall structures, utility lines, ROWs, existing hard armoring, etc.).

Record GPS location of additional observations if available. Photos should be taken using the Survey123 companion app.

Observation	Location	Notes

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