

**STREAM VISUAL ASSESSMENT PROTOCOL VERSION 2
SUMMARY SHEET**

Owner's name _____ Evaluator's name _____

Stream name _____ Tributary to: _____ HUC: _____

1. Preliminary Assessment

A. Watershed Description

Ecoregion or MLRA _____ Watershed Drainage area (acres or mi²) _____

Watershed management structures: (no.): dams _____ water controls _____ irrigation _____ diversions _____

No. of miles of contiguous riparian cover/mile of entire stream in watershed (estimated) _____

Land use within watershed (%): cropland _____ hayland _____ grazing/pasture _____ forest _____

urban _____ industrial _____ other (specify) _____

Agronomic practices in uplands include: _____

Confined animal feeding operations (no.) _____ Conservation (acres) _____ industrial (acres) _____

Number of stream miles on property _____ Number of total stream miles _____

Stream hydrology: _____ intermittent; months of year wetted : _____

_____ perennial; months of year at baseflow: _____

B. Stream/Reach Description:

Stream Gage Location/Discharge: _____ / _____ ft³/s

Applicable Reference Stream: _____ Reference Stream Location: _____ / _____

Information Sources:

2. Field Assessment

A. Preliminary Field Data

Date of assessment _____ Weather conditions today _____
(ambient temp. \ % cloud cover)

Weather conditions over past 2 to 5 days: _____
(No. of days precipitation /average daytime temp.)

Reach location (UTM or Lat./Long.) _/_____ Channel type/classification scheme _____/_____

Riparian Cover Type(s): Tree _____ % Shrub _____ % Herbaceous ___ % Bare _____ %

Bank Profile: Stratified _____ Homogeneous _____ Cohesive Soil _____ Noncohesive Soil _____

Gradient (√ one): Low (0<=2%) _____ Moderate (>2<4%) _____ High (>4%) _____

Bankfull channel width _____ ft Reach length _____ ft Flood plain width _____ ft

Average riparian zone width _____ ft Method used (e.g., Range finder): _____

Average height of woody shrubs _____ Method used (e.g., Range finder): _____

Flood plain wetlands, if present _____ acres/reach

Dominant substrate (%): boulder _____ cobble _____ gravel _____ sand _____ fine sediments _____
(> 250 mm) (60-250mm) (2-60 mm) (2-.06 mm) (< .06 mm)

Photo Point Locations and Descriptions:		
Photo Pt. #	GPS Coordinates/Waypoints	Description
1		
2		
3		

SVAP Start Time/Water Temp: _____ / _____ SVAP End Time/Water Temp: _____ / _____

Notes:

B. Element Scores

Element	Score	Element	Score
1. Channel Condition		14. Aquatic Invertebrate Community	
2. Hydrologic Alteration		15. Riffle Embeddedness	
3. Bank Condition		16. Salinity	
4. Riparian Area Quantity		A. Sum of all elements scored	
5. Riparian Area Quality		B. Number of elements scored	
6. Canopy Cover		Overall score: A/B _____ 1 to 2.9 Severely Degraded 3 to 4.9 Poor 5 to 6.9 Fair 7 to 8.9 Good 9 to 10 Excellent Provide notes related to each element scored on back of site diagram (page 4) as needed.	
7. Water Appearance			
8. Nutrient Enrichment			
9. Manure or Human Waste			
10. Pools			
11. Barriers to Movement			
12. Fish Habitat Complexity			
13. Aquatic Invertebrate Habitat			

Suspected causes of SVAP scores less than 5 (does not meet quality criteria for stream species)

Recommendations for further assessment or actions:

Riparian wildlife habitat recommendations:

C. Site Diagram: indicate approximate scale, major features, resource concerns, etc.

