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 precip/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 ____________

Photo Point Locations and Descriptions:

<table>
<thead>
<tr>
<th>Photo Pt. #</th>
<th>GPS Coordinates/Waypoints</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<td>2</td>
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<td>3</td>
<td></td>
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</tbody>
</table>

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

Notes:
### B. Element Scores

<table>
<thead>
<tr>
<th>Element</th>
<th>Score</th>
<th>Element</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Channel Condition</td>
<td></td>
<td>14. Aquatic Invertebrate Community</td>
<td></td>
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<tr>
<td>2. Hydrologic Alteration</td>
<td></td>
<td>15. Riffle Embeddedness</td>
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<tr>
<td>4. Riparian Area Quantity</td>
<td></td>
<td>A. Sum of all elements scored</td>
<td></td>
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<tr>
<td>5. Riparian Area Quality</td>
<td></td>
<td>B. Number of elements scored</td>
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<tr>
<td>6. Canopy Cover</td>
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<tr>
<td>7. Water Appearance</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>8. Nutrient Enrichment</td>
<td>1 to 2.9</td>
<td>Severely Degraded</td>
<td></td>
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<tr>
<td>9. Manure or Human Waste</td>
<td>3 to 4.9</td>
<td>Poor</td>
<td></td>
</tr>
<tr>
<td>10. Pools</td>
<td>5 to 6.9</td>
<td>Fair</td>
<td></td>
</tr>
<tr>
<td>11. Barriers to Movement</td>
<td>7 to 8.9</td>
<td>Good</td>
<td></td>
</tr>
<tr>
<td>12. Fish Habitat Complexity</td>
<td>9 to 10</td>
<td>Excellent</td>
<td></td>
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<tr>
<td>13. Aquatic Invertebrate Habitat</td>
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</tbody>
</table>

**Overall score: A/B ________**

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:

________________________________________________________________________________

________________________________________________________________________________

________________________________________________________________________________

(190–VI–NBH, Amend. 3, December 2009)
C. Site Diagram: Indicate approximate scale, major features, resource concerns, etc.

1 to 2.9 Severely Degraded
3 to 4.9 Poor

Provide notes related to each element scored on back of site diagram, as needed.