

Stream Site General Assessment Data Sheet

2011-2012

STREAM NAME:	TOWN:
DATE:	LATITUDE:
TIME:	LONGITUDE:
STREAM GRADIENT (HIGH OR LOW):	RIVER BASIN:
SITE DESCRIPTION:	INVESTIGATORS:

Stream sketch: On your sketch, note features that affect stream habitat, such as: riffles, runs, pools, ditches, wetlands, dams, riprap, outfalls, tributaries, landscape features, logging paths, vegetation and roads.

Watershed features	<u>Location of stream headwaters (Town name):</u> <u>Predominant Surrounding Landscape:</u> (circle one) Forest Field/Pasture Agricultural Commercial Residential Industrial Other (If other, please specify) <u>Local Watershed non-point pollution (circle one):</u> No evidence Some potential sources Obvious sources Please explain:
Stream Reach Characteristics *Enter from GIS Assessment Report if not measurable in the field	<u>Bank full width (meters):</u> <u>Reach length (meters):</u> Channelized? ___ *Upstream Dam: if Yes, ___ km upstream from site Other modifications: <u>Bridge:</u> Within Reach: Yes or No * Upstream: Yes or No if yes, how far? ___m <u>Culvert:</u> Within Reach: Yes or No * Upstream: Yes or No if yes, how far? ___m <u>Pipes:</u> Within Reach: Yes or No *Upstream: Yes or No if yes, how far? ___m *Distance of site from tributary mouth/main river channel: _____ km
Riparian vegetation (within 18 meters)	<u>Width of vegetated riparian zone (looking downstream):</u> Left bank _____ m Right bank _____ m (estimated or measured?) <u>Indicate the dominant type and record the dominant species present (circle one):</u> Trees Shrubs Grasses Herbaceous None Dominant species (if known):
Large woody debris	<u>Abundance of LWD (# logs ≥ 10 cm diameter in stream reach):</u> <u>Length of reach measured:</u> _____ m
Aquatic vegetation	<u>Indicate the dominant type and record the dominant species present (circle one):</u> Rooted emergent rooted submergent floating algae attached algae rooted floating free floating <u>Portion of the reach with aquatic vegetation:</u> _____ %
Sediment substrate	<u>Odors (circle one):</u> Normal Sewage Petroleum Chemical Sulfur None Other: <u>Oils (circle one):</u> Absent Slight Moderate Profuse
Water Quality in Channel	<u>Circle all that apply:</u> <u>Debris Obvious Pollution:</u> Sludge, Sawdust, Paper Fiber, Sand, Silt, Sewage, Oily Sheen, Trash, Iron, Scum, None <u>Water Clarity:</u> Clear, Slightly Turbid, Moderately Turbid, Very Turbid <u>Water Color:</u> Clear, Green, Milky, Brown, Tannic (L M H), Gray, Metallic, Reddish <u>Odors:</u> None, Musty, Fishy, Sewage, Manure, Sulfur(eggs), Oily/gas

Local Land Use (within about ¼ mile of site; adjacent and upstream)

Check “1” if present, “2” if clearly having an impact on a stream.

0 1 2 Residential

0 0 0 Single-family housing

0 0 0 Multi-family housing

0 0 0 Lawns

0 0 0 Commercial/Institutional

0 1 2 Roads, etc.

0 0 0 Paved roads or bridges

0 0 0 Unpaved roads

0 1 2 Construction underway on:

0 0 0 Housing development

0 0 0 Commercial development

0 0 0 Road bridge construction/repair

0 1 2 Agricultural

0 0 0 Grazing Land

0 0 0 Feeding lots or animal holding areas

0 0 0 Cropland

0 0 0 Inactive agricultural land/fields

0 1 2 Recreation

0 0 0 Power boating

0 0 0 Golfing

0 0 0 Camping
0 0 0 Swimming/fishing/canoeing
0 0 0 Hiking/paths

0 1 2 Other

0 0 0 Mining or gravel pits
0 0 0 Logging
0 0 0 Industry
0 0 0 Oil and gas drilling
0 0 0 Trash dump
0 0 0 Landfill

Comments:

