

Stream Site General Assessment Data

2014-2015

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</u> (looking downstream): Left bank____m Right bank____m (estimated or measured?) <u>Indicate the dominant type and record the dominant species present</u> (circle one): Trees Shrubs Grasses Herbaceous None Dominant species (if known):
Large woody debris	<u>Abundance of LWD (# logs \geq 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</u> (circle one): 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</u> (circle one): Normal Sewage Petroleum Chemical Sulfur None Other: <u>Oils</u> (circle one): Absent Slight Moderate Profuse
Water Quality in Channel	Circle all that apply: <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:

Thalweg Measurement**Site Code:** _____**Date** _____

Upstream distance from starting point (m)	Thalweg depth (cm)
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Upstream distance from starting point (m)	Thalweg depth (cm)
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Downstream distance from starting point (m)	Thalweg depth (cm)
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Downstream distance from starting point (m)	Thalweg depth (cm)
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Comments: