Stream Site General Assessment Data

2012-2013

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	Location of stream headwaters (Town name): Predominant Surrounding Landscape: (circle one) Forest Field/Pasture Agricultural Commercial Residential Industrial Other (If other, please specify) Local Watershed non-point pollution (circle one): No evidence Some potential sources Obvious sources Please explain:
Stream Reach Characteristics *Enter from GIS Assesment Report if not measurable in the field	Bank full width (meters): Reach length (meters): Channelized? ___ *Upstream Dam: if Yes, ___ km upstream from site Other modifications: Bridge: Within Reach: Yes or No * Upstream: Yes or No if yes, how far? ___m Culvert: Within Reach: Yes or No * Upstream: Yes or No if yes, how far? ___m Pipes: 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)	Width of vegetated riparian zone (looking downstream): Left bank_____ m Right bank_____m (estimated or measured?) Indicate the dominant type and record the dominant species present (circle one): Trees Shrubs Grasses Herbaceous None Dominant species (if known):
Large woody debris	Abundance of LWD (# logs ≥ 10 cm diameter in stream reach): Length of reach measured:_____m
Aquatic vegetation	Indicate the dominant type and record the dominant species present (circle one): Rooted emergent rooted submergent floating algae attached algae rooted floating free floating Portion of the reach with aquatic vegetation: _____ %
Sediment substrate	Odors (circle one): Normal Sewage Petroleum Chemical Sulfur None Other: Oils (circle one): Absent Slight Moderate Profuse
Water Quality in Channel	**Circle all that apply:** Debris Obvious Pollution: Sludge, Sawdust, Paper Fiber, Sand, Silt, Sewage, Oily Sheen, Trash, Iron, Scum, None Water Clarity**:** Clear, Slightly Turbid, Moderately Turbid, Very Turbid Water Color**:** Clear, Green, Milky, Brown, Tannic (L M H), Gray, Metallic, Reddish Odors**:** 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)	Upstream distance from starting point (m)	Thalweg depth (cm)	Downstream distance from starting point (m)	Thalweg depth (cm)	Downstream distance from starting point (m)	Thalweg depth (cm)
0		26		0		26	
1		27		1		27	
2		28		2		28	
3		29		3		29	
4		30		4		30	
5		31		5		31	
6		32		6		32	
7		33		7		33	
8		34		8		34	
9		35		9		35	
10		36		10		36	
11		37		11		37	
12		38		12		38	
13		39		13		39	
14		40		14		40	
15		41		15		41	
16		42		16		42	
17		43		17		43	
18		44		18		44	
19		45		19		45	
20		46		20		46	
21		47		21		47	
22		48		22		48	
23		49		23		49	
24		50		24		50	
25				25			

Comments: