



Skagit County Salmon Habitat Survey Monitoring Program

Summary of the 2011 Sites Survey



Figure 1. Friday Creek site #226

2011 marked the 7th year of the Skagit County Salmon Habitat Survey Monitoring Program and was a 20 site sampling year. In compliance with the *Skagit County Salmon Habitat Monitoring Program – Quality Assurance Plan, May 2004*, the 20 annual sampling sites consist of 10 Agriculture-Natural Resource Land (Ag-NRL) or Rural Resource – Natural resource Land (RRc-NRL) and 10 sample sites in other zoning areas within Skagit County.

The Skagit County Salmon Habitat Monitoring Program was developed by Public Works personnel in response to Skagit County Resolutions #R20030210 and #R20040211. In the program's first year, 60 randomly selected, wadeable, salmonid-bearing stream reaches within Water Resource Inventory Areas (WRIAs) 3 and 4 were chosen to survey. 40 of these streams are surveyed on a 5 year cycle and an additional 20 streams are surveyed on an annual basis. Both of these survey cycles began in 2004. The intention of this program is to measure a variety of stream parameters over time in order to determine if there is a significant difference in habitat characteristics for streams in land that is zoned Agricultural/Rural Resource-Natural Resource Land (from here on referred to as Ag-NRL) and other lands under County jurisdiction (form here on referred to as Non-Ag).

2011 sampling season highlights:

- 16 sites total were completed starting with Hansen Creek, site #3, on June 22, 2011 and ending with Samish River, site #9, on September 12, 2011.
- Sites # 164 and #169 were not sampled because personnel did not have access with the owners.

- Red Cabin Creek, site #133, and Colony Creek, site #355, were not sampled because they were dry on their sampling dates.
- Thomas Creek, site #6, was recorded as having a high water level on the sampling date.

Table 1 – Salmon Habitat Monitoring Program 2011 Annual Survey Sites

Site Number	Stratum	2011 Sample Date	Latitude	Longitude	Stream Name
3	Ag	6/22/2011	48.52084	-122.1974	Hansen Creek
6	Ag	HWL	48.52601	-122.33811	Thomas Creek
9	Ag	9/12/2011	48.56907	-122.24621	Samish River
133	Ag	DRY	48.5295	-122.02406	Red Cabin Creek
139	Ag	8/4/2011	48.33812	-122.20718	Lake Creek
142	Ag	8/17/2011	48.35841	-122.20704	Lake Creek
149	Ag	7/28/2011	48.4966	-122.10976	Sorenson Creek
164	Ag	NO ACCESS	48.63142	-122.35617	Friday Creek
165	Ag	9/28/2011	48.58217	-122.27977	Samish River
169	Ag	NO ACCESS	48.42667	-122.20745	Mundt Creek
221	Non-Ag	8/29/2011	48.62098	-122.32529	Trib to Butler
222	Non-Ag	7/6/2011	48.49475	-121.54555	Sutter Creek
223	Non-Ag	6/27/2011	48.45074	-121.60555	Trib to the Sauk
225	Non-Ag	8/1/2011	48.3007	-122.33263	Kennel Creek
226	Non-Ag	8/15/2011	48.63915	-122.36001	Friday Creek
228	Non-Ag	8/24/2011	48.53609	-122.04509	Jones Creek
230	Non-Ag	8/22/2011	48.60721	-122.39473	Whitehall Creek
347	Non-Ag	7/12/2011	48.33742	-122.29823	Bulson Creek
355	Non-Ag	DRY	48.58834	-122.36692	Colony Creek
359	Non-Ag	8/5/2011	48.62031	-121.74765	Bear Creek

The Skagit County Salmon Habitat Monitoring Program is funded from Skagit County’s Clean Water Program.

For more information on the Salmon Habitat Monitoring Program please visit our web site at:

<http://inside.skagit.local/Departments/PublicWorksSurfaceWaterManagement/salmonmain.htm>

You can also contact Jeff McGowan at (360) 416-1448.