

SITE INFORMATION

Site Identifier :	NS1LB1	Landowner Type :	Private
Site Name :		Landowner Name :	
WRIA :	05.0137X	Address :	
Region :	NS	Address2 :	
Trib to :	Trafton Cr	City :	
River Mile :	0.90	State :	
River System :	N F Stillaguamish R	Zipcode :	
Legal Description :	SE1/4S29T32NR06E	Phone :	
County :	Snohomish	Coordinates	
Habitat Type :	terrace tributary	East:	1,616,762.00 North: 1,059,911.00

Directions :

Go east of Arlington on HWY 530 to 119TH St. on the right (which is 0.5 miles east of Arnot RD). Go 0.1 miles on 119TH and 119TH turns into Geibel Rd. Continue on Geibel Rd for .05 miles to a culvert and the site.

Area Overview :

This is a low gradient stream that flows through some farmland and a small residential area. It has excellent rearing potential and several trout were observed. Coho are presently unable to access this stream because of a barrier culvert under HWY 530.

Field Survey Information

Date : 4/2/02 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

Water Source: Spring Groundwater Surface runoff
Flow: Intermittent Year-round
Estimated Flows (cfs): Lower end:
Upper end:
Water Temperature(C): Lower end:
Upper end:

Receiving Water Temperature (C):

Other Observations:

Site Area Measurements: Indirect Direct Combination
Widths: Channel: 1.5m **Ponds:** **Wetlands:**
Depths: Channel: 18cm **Ponds:** **Wetlands:**
Total length (includes ponds and wetlands): 1900m

Total existing habitat area (est. m2): 2684
Spawning area: Mainstem: 215 **Tribs:** **Total:**
Impounded area: Mainstem: **Tribs:** **Total:**
Other rearing area: Mainstem: 2469 **Tribs:** **Total:**
Unaccessible habitat: Mainstem: **Tribs:** **Total:**

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat: The spawning habitat area was taken from the physical survey completed by Till/Thompson (file# 991159A.WB3).

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: This stream is low gradient with mostly slow-moving and pooled habitat. Throughout most of the site, it has small alders, salmonberry and blackberry along the banks. Part of it flows through a small residential area in which it crosses two roads and a driveway. Upstream of this residential area, the stream flows through some fields and is in a small alder and brushy strip. It originates from a cedar wood patch adjacent to the agricultural fields.

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: This site is located on an upper terrace of the N F Stillaguamish R. It also has some spring influence and appears to have fairly moderate flows most of the time.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe:

Coho access and use: Juvenile Unknown None Poor Fair Good
Adult Unknown None Poor Fair Good

Describe: Coho are unable to access this site because of the barrier culvert under HWY 530 (culvert # 991159).

Other species access and use: Chum Pink Sockeye Chinook Trout

Describe: Trout were observed during the survey.

ENHANCEMENT OPPORTUNITIES: There is a section downstream of Geibel Rd that could use some tree plantings along the left bank.

Project type:

Equipment access:

ADDITIONAL COMMENTS: Repairing the culvert under HWY 530 would allow coho to access this site. A physical stream survey was completed by Till/Thompson on 2/14/01 (see file # 991159A.WB3). There are six culverts in this site that can be found in the culvert inventory. The the culvert site identifier numbers are: 992644, 992645, 992646, 992647, 992648, 992649.

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References

Hwy 530

119TH ST

DITCH LINES

121ST AVE NE

GEIBEL RD.

#992644

ALDERS (DITCHED)

393M

[LOW GRADIENT]

320M

SANDY SUBSTRATE
LOG BRIDGE

FIELD

#992645

SMALL ALDERS
BUSH

[LOW GRADIENT
MUD-SUBSTRATE]

#992646

735M

[FOOT BRIDGE]

878M

#992647

766M

923M

- POND IS CONNECTED
BY SMALL PIPE.

#992648

1107M

FIELD

FARM ACCESS ROAD

FIELD

DITCH

BRUSH & SMALL TREE STUMP

1375M

#992649

1121M

1120M

DITCHES

1452M

SMALL TRIB (NOU-HAG)

1520M

1547M

SMALL TRMS
(NOU-HAG)

CONIFERS

Site id. code: NS1LBI

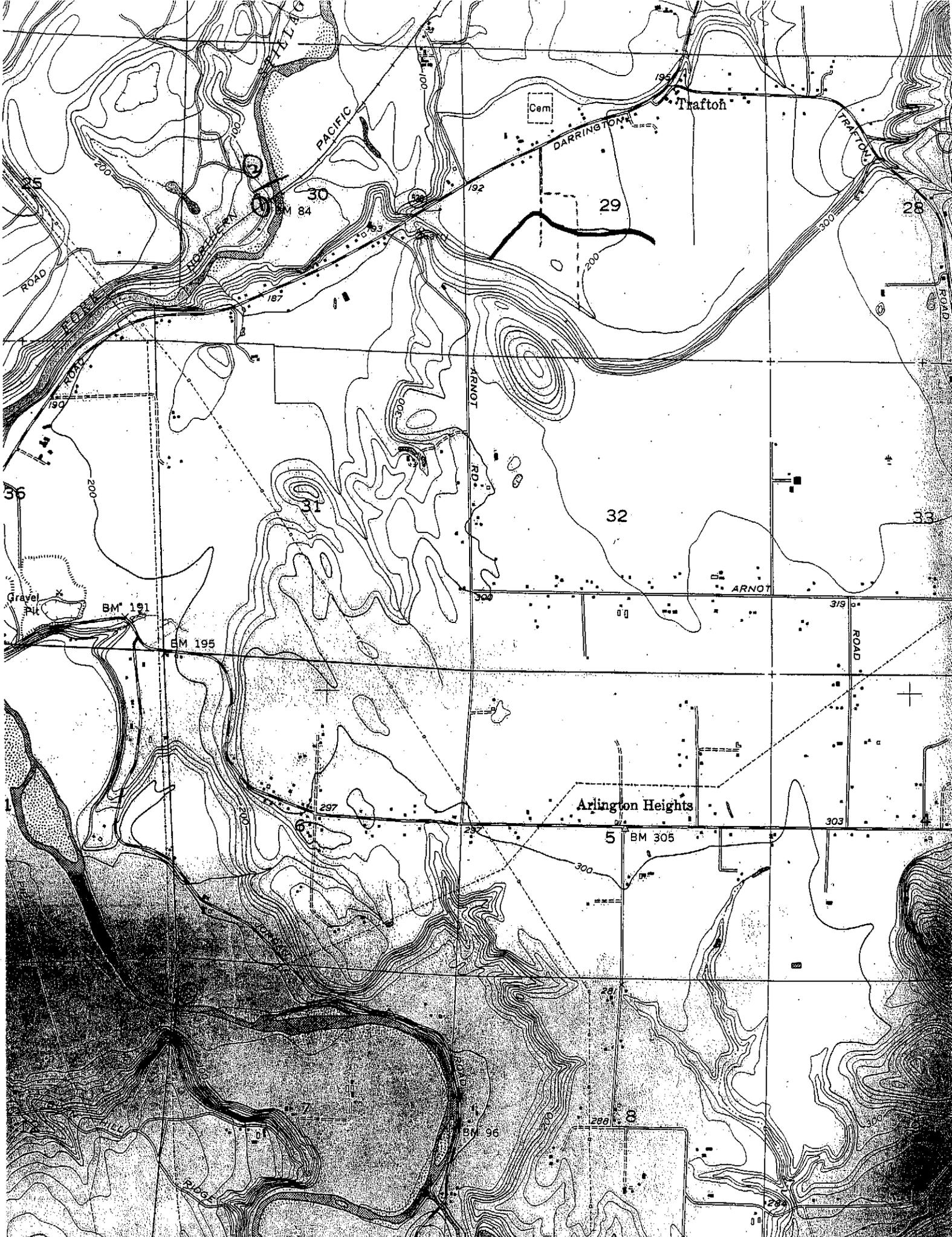
Site name:

Scale: 1" = 155m

Observer(s): OLIS

Legal location: SEY4529T32N R06E





**WDF&W - BSHEAR
PHYSICAL SURVEY OF POTENTIAL HABITAT (Ver. 4)**

Stream Name:	Unnamed (RB Trib A)	Date:	02/14/01
Tributary To:	Unnamed to NF Stillaguamish R	Observer(s):	Till/ Thompson
WRIA #:	05	Section surveyed:	RB trib entering 485 m
Sample Frequency:	30/160		upstream Site 991159
Survey Method:	4	File:	991159A.WB3

Summary of Information - Total Stream Length

Total Length Surveyed:	1900.00 m	Tot. Length Culverted:	44.87 m
Total Length Sampled:	332.00 m	Percent of Stream Length	
Percent Sampled:	17.47 %	Culverted:	2.36 %

Measured Pool Area:	2316.46 m ²	Total Spawning Area: 215.35 m² Total Rearing Area: 2616.90 m²
Measured Riffle Area:	367.84 m ²	
Measured Rapid Area:	0.00 m ²	
Measured Pond Area:	0.00 m ²	
Total Measured Stream Area:	2684.30 m²	

POOL : RIFFLE : RAPID : POND RATIO (%)

Pool= 86.30 Riffle= 13.70 Rapid= 0.00 Pond= 0.00

PRODUCTION AREA CALCULATIONS

	Sockeye	Chum	Pink	Coho	SR Cutthroat	Chinook	Steelhead	Res CT/RB	Bull	Brook	Brown
Reach 1	0.00	0.00	0.00	809.52	809.52	0.00	809.52	809.52	809.52	0.00	0.00
Reach 2	0.00	0.00	0.00	371.06	371.06	0.00	371.06	371.06	371.06	0.00	0.00
Reach 3	0.00	0.00	0.00	1436.32	1436.32	0.00	1436.32	1436.32	1436.32	0.00	0.00
Reach 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Reach 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Reach 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Reach 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Reach 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Reach 9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Reach 10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total area*	0.00	0.00	0.00	2616.90	2616.90	0.00	2616.90	2616.90	2616.90	0.00	0.00

* Spawning habitat used for sockeye, chum and pink, rearing used for all other species.

ADJUSTED PRODUCTION AREAS

	Sockeye	Chum	Pink	Coho	SR Cutthroat	Chinook	Steelhead	Res CT/RB	Bull	Brook	Brown
Reach 1	0.00	0.00	0.00	715.94	715.94	0.00	715.94	805.23	805.23	0.00	0.00
Reach 2	0.00	0.00	0.00	328.17	328.17	0.00	328.17	369.09	369.09	0.00	0.00
Reach 3	0.00	0.00	0.00	1270.28	1270.28	0.00	1270.28	1428.71	1428.71	0.00	0.00
Reach 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Reach 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Reach 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Reach 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Reach 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Reach 9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Reach 10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total area*	0.00	0.00	0.00	2314.38	2314.38	0.00	2314.38	2603.03	2603.03	0.00	0.00