

SITE INFORMATION

Site Identifier :	PI1RB2	Landowner Type :	Private
Site Name :		Landowner Name :	
WRIA :	05.0067X	Address :	
Region :	NS	Address2 :	
Trib to :	05.0067	City :	
River Mile :	0.95	State :	
River System :	Pilchuck Cr	Zipcode :	
Legal Description :	SE1/4S24T32NR4E	Phone :	
County :	Snohomish	Coordinates	
Habitat Type :	terrace tributary	East:	1,578,448.00 North: 1,065,834.00

Directions :
 Take I-5 to the Stanwood/Camano Island exit, turn right. turn left 1/4 mile on Meridian street, follow to end. Site is just to the east off the end of the road.

Area Overview :
 Site is a small surface stream originating from a a hardwood forest on a low bench. Stream offers a small amount of spawning and rearing habitat, mostly for cutthroat trout.

Field Survey Information

Date : 1/24/00 **Observer :** B. Barkdull **Survey Type :** initial

HABITAT INFORMATION

Water Source: Spring Groundwater Surface runoff

Flow: Intermitent Year-round

Estimated Flows (cfs): Lower end: 0.2
 Upper end:0

Water Temperature(C): Lower end:5
 Upper end:5

Receiving Water Temperature (C): 5

Other Observations:

Site Area Measurements: Indirect Direct Combination

Widths: Channel:1.5	Ponds:	Wetlands:
Depths: Channel:0.1	Ponds:	Wetlands:
Total length (includes ponds and wetlands):529		

Total existing habitat area (est. m2):680

Spawning area:	Mainstem:29	Tribs:	Total: 29
Impounded area:	Mainstem:	Tribs:	Total:
Other rearing area:	Mainstem:264	Tribs:	Total:264
Unaccessible habitat:	Mainstem:416	Tribs:	Total:416

Spawning habitat conditions: None Poor Fair Good Exellent

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat: Spawning gravel is small, pea to nickle sized material occurring mostly in riffles

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: Stream is in excellent condition with many small pools and good cover throughout. Stream flows through a hardwood forest.

Describe unaccessible habitat: Similar to accessable area.

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: Appears to be a very stable stream.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: Fish have direct access to the site from 05.0067

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

Describe: Probably some limited use occurs in the lower reach by both adults and juveniles.

Other species access and use: Chum Pink Sockeye Chinook Trout

Describe: Cutthroat redds were observed both above and below the dam

ENHANCEMENT OPPORTUNITIES: The dam at this site is currently not passable to fish. A small fishway or removal of the dam would provide access to 308 lineal meters of habitat. See LP5 in SSHEAR base

Project type: Fish Passage

Equipment access: Good, field access road to site

ADDITIONAL COMMENTS

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References

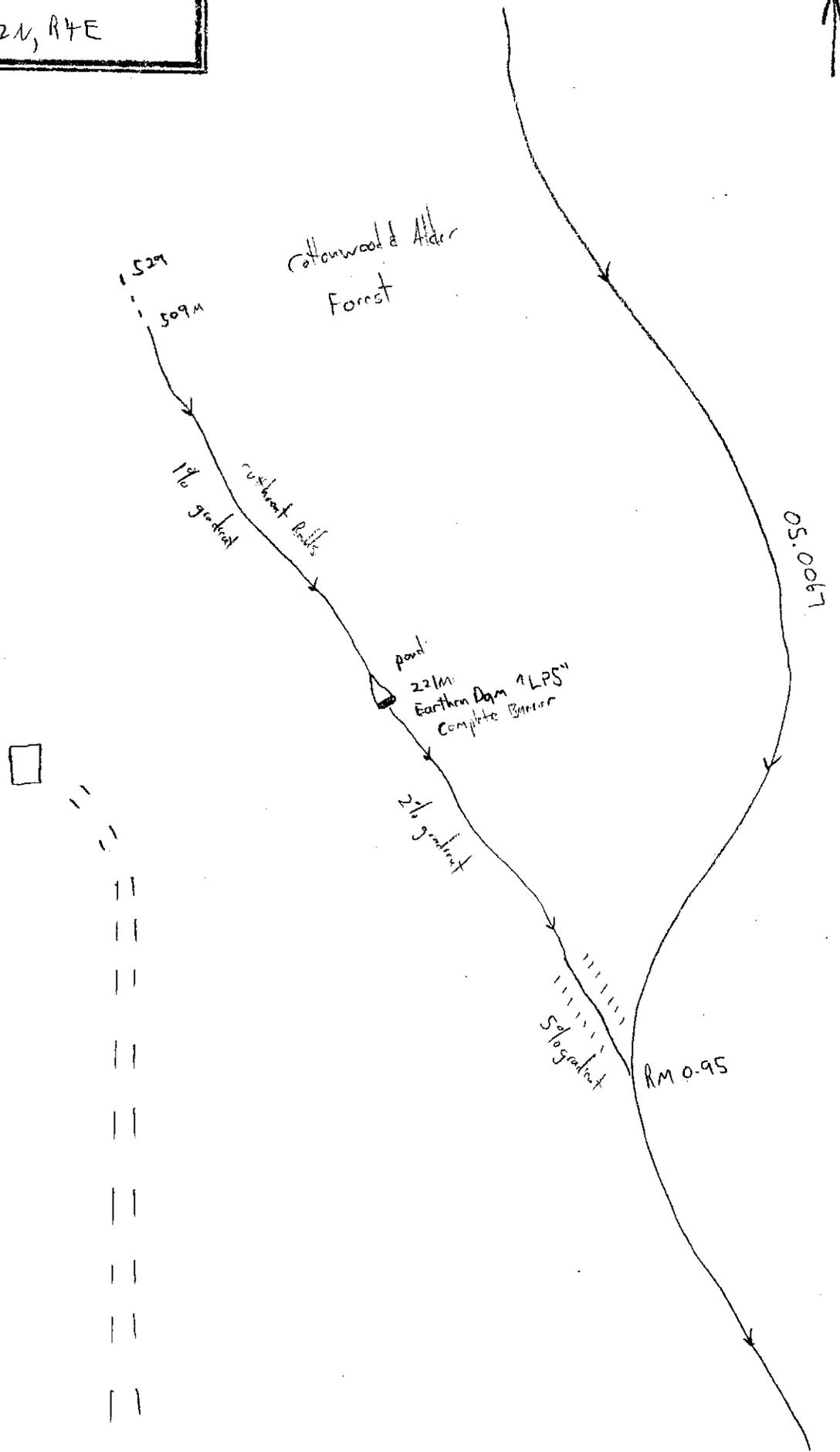
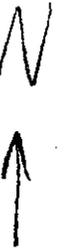
Site id. code: PI1RB2

Site name:

Scale: 1" = 75 M

Observer(s): B. Barkdull

Legal location: SE24, T32N, R4E



556000m.E.

557

R 4 E R 5 E

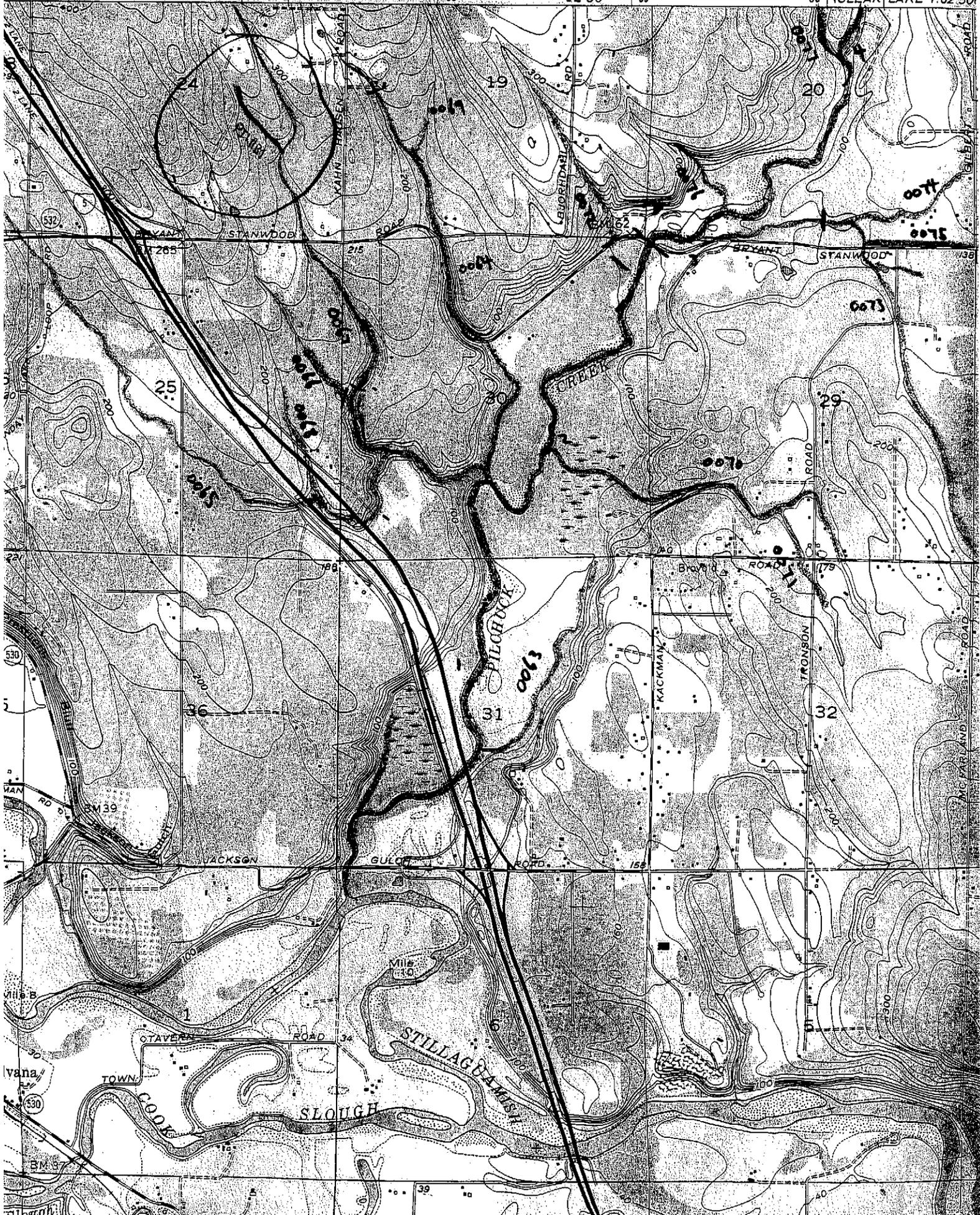
558

12'30"

559

560

CLEAR LAKE 1:62 50



Cont.

439.4 2.5, 2.8 10 Rf

Cottonwood forest still same as

last sample 4.5%

565 more of a Gully Entry
Cedar forest

1292.3 Dam

Reeds observed less 100 m

below 60% grass, 40 soil

PIRBB

trib @ 374.4 5% grade Road #10

0.0 alder & Cottonwood forest 0.20 Rf

2.2 1.2, 1.5 0.08 Rf

8.9 1.0, 1.1 0.03 Rf

9.8 0.9, 1.0 0.10 Rf

14.1 1.4, 1.6 0.04 Rf

17.1 1.2, 1.3 0.03 Rf

Continued 40% gravel 60 mud

21.6 1.0, 1.2 0.06 Cas

24.5 1.0, 1.2 0.02 Pool

31.0 1.0, 1.2 0.04 R.F.

33.5 2.0, 2.3 0.08 Pool

53.1 1.2, 1.6 0.03 R.F.

54.1 1.5, 1.6 0.06 Pool

60.0 0.5, 1.0 0.04 R.F.

221.9 Dam see Dam

237.0 upper end of Pond

Next Sample Reach 11

237.0 0.9, 1.0 0.4

240.5 2.7, 3.3 0.6 R.F.

251.8 0.8, 1.0 0.6 Pool

257.8 1.0, 1.3 0.12 R.F.

262.6 1.0, 1.7 0.06 Pool

271.9 R.F.

288.5 1.7, 2.3, 0.06 Pool

2970 1.8, 2.6, 0.02 R2

See goes subsurface for km

529 goes subsurface again

Small patches only of gravel
10%

water temp 4.5

X 1578448

Y 1065834

YDF&W - SCHEAR
PHYSICAL SURVEY OF POTENTIAL HABITAT (Ver. 4)

Stream Name: Unnamed Date: 01/24/00
 Tributary To: 5 Observer(s): Barkdull/Olits
 WRIA #: 5.0067 Section surveyed: 0
 Sample Frequency: 60m/reach 0
 Survey Method: 4 File: 050067.qpw

Summary of Information - Total Stream Length

Total Length Surveyed: 4086.30 m Tot. Length Culverted: 42.00 m
 Total Length Sampled: 600.00 m Percent of Stream Length
 Percent Sampled: 14.68 % Culverted: 1.03 %

Measured Pool Area:	2436.19 m ²	Total Spawning Area: 3299.01 m² Total Rearing Area: 1160.28 m²
Measured Riffle Area:	5681.95 m ²	
Measured Rapid Area:	0.00 m ²	
Measured Pond Area:	0.00 m ²	
Total Measured Stream Area:	8118.14 m²	

POOL : RIFFLE : RAPID : POND RATIO (%)

Pool= 30.01 Riffle= 69.99 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	129.39	129.39	0.00	129.39	129.39	0.00	0.00	0.00
Reach 2	0.00	0.00	0.00	16.56	16.56	0.00	0.00	16.56	0.00	0.00	0.00
Reach 3	0.00	0.00	0.00	0.00	123.71	0.00	0.00	123.71	0.00	0.00	0.00
Reach 4	0.00	0.00	0.00	366.50	366.50	0.00	366.50	366.50	0.00	0.00	0.00
Reach 5	0.00	0.00	0.00	20.51	20.51	0.00	20.51	20.51	0.00	0.00	0.00
Reach 6	0.00	0.00	0.00	116.95	116.95	0.00	116.95	116.95	0.00	0.00	0.00
Reach 7	0.00	0.00	0.00	130.43	130.43	0.00	130.43	130.43	0.00	0.00	0.00
Reach 8	0.00	0.00	0.00	121.80	121.80	0.00	121.80	121.80	0.00	0.00	0.00
Reach 9	0.00	0.00	0.00	0.00	32.09	0.00	0.00	32.09	0.00	0.00	0.00
Reach 10	0.00	0.00	0.00	0.00	102.33	0.00	0.00	102.33	0.00	0.00	0.00
Total area*	0.00	0.00	0.00	902.15	1160.28	0.00	885.59	1160.28	0.00	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	114.43	114.43	0.00	114.43	129.39	0.00	0.00	0.00
Reach 2	0.00	0.00	0.00	14.80	14.80	0.00	0.00	16.56	0.00	0.00	0.00
Reach 3	0.00	0.00	0.00	0.00	123.71	0.00	0.00	123.71	0.00	0.00	0.00
Reach 4	0.00	0.00	0.00	324.13	324.13	0.00	324.13	366.50	0.00	0.00	0.00
Reach 5	0.00	0.00	0.00	18.14	18.14	0.00	18.14	20.51	0.00	0.00	0.00
Reach 6	0.00	0.00	0.00	103.43	103.43	0.00	103.43	116.95	0.00	0.00	0.00
Reach 7	0.00	0.00	0.00	115.35	115.35	0.00	115.35	130.43	0.00	0.00	0.00
Reach 8	0.00	0.00	0.00	107.72	107.72	0.00	107.72	121.80	0.00	0.00	0.00
Reach 9	0.00	0.00	0.00	0.00	32.09	0.00	0.00	32.09	0.00	0.00	0.00
Reach 10	0.00	0.00	0.00	0.00	102.33	0.00	0.00	102.33	0.00	0.00	0.00
Total area*	0.00	0.00	0.00	798.01	1056.14	0.00	783.21	1160.28	0.00	0.00	0.00