

Final 1998 Section 303(d) List - WRIA 3

Water Name

Parameter **Mediu**

Place on 1998 List? **Listed in 1996** **Action Needed**

New Segment ID # **Old Segment ID #**

Stream Route # **Water Resource Inventory Area**

Township **Waterbody Grid #**

Range **Grid Latitude**

Section **Grid Longitude**

Basis for Consideration of Listing

Remarks

Water Name

Parameter **Mediu**

Place on 1998 List? **Listed in 1996** **Action Needed**

New Segment ID # **Old Segment ID #**

Stream Route # **Water Resource Inventory Area**

Township **Waterbody Grid #**

Range **Grid Latitude**

Section **Grid Longitude**

Basis for Consideration of Listing

Remarks

Water Name	CAMPBELL LAKE		
Parameter	Total Phosphorus	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> Yes Action Needed <input type="checkbox"/> None
New Segment ID #	505RFE	Old Segment ID #	WA-03-9040
Stream Route #		Water Resource Inventory Area	3
Township	34N	Waterbody Grid #	
Range	01E	Grid Latitude	
Section	13	Grid Longitude	
Basis for Consideration of Listing	Completed Phase I Federal Clean lakes Restoration Project in 1984. Problems Encountered: Blue-green algae, low dissolved oxygen, tributary nutrient inputs, sediment phosphorus recycling, aquatic macrophytes. ; Entranco, 1983.; Entranco, 1987.;		
Remarks	Completed Phase II Federal Clean Lakes Restoration Project in 1988: Control measures that were implemented based on Phase I study - phosphorus precipitation/inactivation, watershed nutrient management (septic system management), aquatic macrophyte harvesting, public education. TMDL based on Phase I and Phase II restoration submitted to EPA on 8/25/93 - EPA determined TMDL was incomplete on 4/8/93. After further review, EPA approved the TMDL on 7/28/97. Welch and Cooke, 1995 = monitored effectiveness of control measures showed an 8 ug/l increase in whole-lake total phosphorus 6 years after implementation. Therefore, per EPA guidance, this lake cannot be excluded from the list under federal regulation 40 CFR130.7(b)(1)(iii).		

Water Name	CARPENTER CREEK		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input checked="" type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> No Action Needed <input type="checkbox"/> TMDL
New Segment ID #	YA61IC	Old Segment ID #	WA-03-1011
Stream Route #	3.631	Water Resource Inventory Area	3
Township	33N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	17	Grid Longitude	
Basis for Consideration of Listing	Skagit System Cooperative data (submitted by Bob LaRock on 10/30/97) show 4 excursions beyond the criterion on Hill Ditch /Carpenter Creek (WDF#03.0179) below Cedardale Road Bridge during 1997.		
Remarks			

Water Name	CARPENTER CREEK		
Parameter	Fecal Coliform	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	YA61IC	Old Segment ID #	WA-03-1011
Stream Route #	0	Water Resource Inventory Area	3
Township	33N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	30	Grid Longitude	
Basis for Consideration of Listing	Entranco, 1993, 50% of samples collected exceed the upper criterion on Carpenter/Fisher Creek at the mouth between 1991 and 1992.		
Remarks	The proposed for listing included segment WA-03-1012 from data collected at the same station.		

Water Name	CARPENTER CREEK		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> No Action Needed TMDL
New Segment ID #	YA61IC	Old Segment ID #	WA-03-1011
Stream Route #	6.016	Water Resource Inventory Area	3
Township	33N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	09	Grid Longitude	
Basis for Consideration of Listing	Skagit System Cooperative data (submitted by Bob LaRock on 10/30/97) show 3 excursions beyond the criterion on Hill Ditch/ Carpenter Creek (WDF# 03.0179) above the Johnson Creek confluence during 1997.		
Remarks			

Water Name

Parameter **Mediu**

Place on 1998 List? **Listed in 1996** **Action Needed**

New Segment ID # **Old Segment ID #**

Stream Route # **Water Resource Inventory Area**

Township **Waterbody Grid #**

Range **Grid Latitude**

Section **Grid Longitude**

Basis for Consideration of Listing

Remarks

Water Name

Parameter **Mediu**

Place on 1998 List? **Listed in 1996** **Action Needed**

New Segment ID # **Old Segment ID #**

Stream Route # **Water Resource Inventory Area**

Township **Waterbody Grid #**

Range **Grid Latitude**

Section **Grid Longitude**

Basis for Consideration of Listing

Remarks

Water Name CUMBERLAND CREEK

Parameter Temperature **Mediu** Water

Place on 1998 List? Yes **Listed in 1996** No **Action Needed** TMDL

New Segment ID # QX540S **Old Segment ID #** None7

Stream Route # 0.334 **Water Resource Inventory Area** 3

Township 35N **Waterbody Grid #**

Range 06E **Grid Latitude**

Section 23 **Grid Longitude**

Basis for Consideration of Listing Skagit System Cooperative data (submitted by Bob LaRock on 10/30/97) show 2 excursions beyond the criterion on Cumberland Creek (WDF#03.0355) above S. Skagit Road Bridge during 1997.

Remarks

Water Name DAY CREEK

Parameter Temperature **Mediu** Water

Place on 1998 List? Yes **Listed in 1996** No **Action Needed** TMDL

New Segment ID # QT99QB **Old Segment ID #** None8

Stream Route # 3.146 **Water Resource Inventory Area** 3

Township 35N **Waterbody Grid #**

Range 06E **Grid Latitude**

Section 28 **Grid Longitude**

Basis for Consideration of Listing Skagit System Cooperative data (submitted by Bob LaRock on 10/30/97) show 2 excursions beyond the criterion on Day Creek (WDF#03.0299) above S. Skagit Road Bridge during 1997.

Remarks

Water Name	ERIE LAKE		
Parameter	Total Phosphorus	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed <input type="checkbox"/> None
New Segment ID #	727DPU	Old Segment ID #	WA-03-9090
Stream Route #		Water Resource Inventory Area	3
Township	34N	Waterbody Grid #	
Range	01E	Grid Latitude	
Section	11	Grid Longitude	
Basis for Consideration of Listing	Completed Phase I Federal Clean Lakes Restoration Project in 1984- Problems Encountered: Blue-green algae, low dissolved oxygen, sediment phosphorus recycling, aquatic macrophytes.; Entranco, 1983.; Entranco, 1987.;		
Remarks	Completed Phase II Federal Clean Lakes Restoration Project in 1988: Control measures implemented based on Phase I study -phosphorus precipitation/inactivation, watershed nutrient management (septic system management), aquatic macrophyte harvesting, public education. TMDL based on Phase I and Phase II restoration submitted to EPA on 8/25/93 - EPA determined TMDL was incomplete on 4/8/93. After further review, EPA Approved TMDL on 7/28/97 Welch and Cooke, 1995 = monitored effectiveness of controls measures showed a 31 ug/l decrease in whole-lake total phosphorus 6 years after implementation.		

Water Name	FISHER CREEK		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input checked="" type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> No Action Needed <input type="checkbox"/> TMDL
New Segment ID #	JK73SN	Old Segment ID #	WA-03-1012
Stream Route #	5.516	Water Resource Inventory Area	3
Township	33N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	30	Grid Longitude	
Basis for Consideration of Listing	Skagit System Cooperative data (submitted by Bob LaRock on 10/30/97) show 3 excursions beyond the criterion on Fisher Creek above Hwy 530 Bridge during 1997.		
Remarks			

Water Name FRIDAY CREEK

Parameter Fecal Coliform **Mediu** Water

Place on 1998 List? Yes **Listed in 1996** Yes **Action Needed** TMDL

New Segment ID # NI79KV **Old Segment ID #** WA-03-2100

Stream Route # 1.222 **Water Resource Inventory Area** 3

Township 36N **Waterbody Grid #**

Range 04E **Grid Latitude**

Section 32 **Grid Longitude**

Basis for Consideration of Listing
3 excursions beyond the criterion out of 12 samples (25%) at Ecology ambient monitoring station 03C060 (RM 0.8) between 9/91 and 9/96;

Remarks

Water Name GAGES SLOUGH

Parameter Fecal Coliform **Mediu** Water

Place on 1998 List? Yes **Listed in 1996** Yes **Action Needed** TMDL

New Segment ID # DY42MK **Old Segment ID #** WA-03-1016

Stream Route # 1.264 **Water Resource Inventory Area** 3

Township 34N **Waterbody Grid #**

Range 03E **Grid Latitude**

Section 12 **Grid Longitude**

Basis for Consideration of Listing
Entranco, 1993, 100% of samples collected exceed the upper criterion on Gages Slough at the mouth between 1991 and 1992

Remarks

Water Name

Parameter **Mediu**

Place on 1998 List? **Listed in 1996** **Action Needed**

New Segment ID # **Old Segment ID #**

Stream Route # **Water Resource Inventory Area**

Township **Waterbody Grid #**

Range **Grid Latitude**

Section **Grid Longitude**

Basis for Consideration of Listing

Remarks

Water Name

Parameter **Mediu**

Place on 1998 List? **Listed in 1996** **Action Needed**

New Segment ID # **Old Segment ID #**

Stream Route # **Water Resource Inventory Area**

Township **Waterbody Grid #**

Range **Grid Latitude**

Section **Grid Longitude**

Basis for Consideration of Listing

Remarks

Water Name	HANSEN CREEK		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> No Action Needed TMDL
New Segment ID #	PU87PF	Old Segment ID #	WA-03-1019
Stream Route #	3.966	Water Resource Inventory Area	3
Township	35N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	17	Grid Longitude	
Basis for Consideration of Listing	Skagit System Cooperative data (submitted by Bob LaRock on 10/30/97) show 2 excursions beyond the criterion below Highway 20 during 1997.		
Remarks			

Water Name	HANSEN CREEK		
Parameter	Fish Habitat	Mediu	Habitat
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> No Action Needed Other Control
New Segment ID #	MV73PQ	Old Segment ID #	WA-03-1019
Stream Route #	0	Water Resource Inventory Area	3
Township	35N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	08	Grid Longitude	
Basis for Consideration of Listing	Data collected by the Skagit System Cooperative (submitted by Bob LaRock on 10/30/97) show significant loss of pool and Large Woody Debris habitat structures well below established targets.; These losses are human-caused due to logging practices, agriculture, urban development, and channelization. : The Skagit River Coho stocks are listed as depressed (SASSI, 1992) and is a candidate for Endangered Species Act listing.		
Remarks			

Water Name	HANSEN CREEK		
Parameter	Fish Habitat	Mediu	Habitat
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> No Action Needed <input type="checkbox"/> Other Control
New Segment ID #	PU87PF	Old Segment ID #	WA-03-1019
Stream Route #	3.966	Water Resource Inventory Area	3
Township	35N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	17	Grid Longitude	
Basis for Consideration of Listing	<p>Data collected by the Skagit System Cooperative (submitted by Bob LaRock on 10/30/97) show significant loss of pool and Large Woody Debris habitat structures well below established targets.;</p> <p>These losses are human-caused due to logging practices, agriculture, urban development, and channelization. :</p> <p>The Skagit River Coho stocks are listed as depressed (SASSI, 1992) and is a candidate for Endangered Species Act listing.</p>		
Remarks			

Water Name	HANSEN CREEK		
Parameter	Fish Habitat	Mediu	Habitat
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> No Action Needed <input type="checkbox"/> Other Control
New Segment ID #	PU87PF	Old Segment ID #	WA-03-1019
Stream Route #	7.936	Water Resource Inventory Area	3
Township	35N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	06	Grid Longitude	
Basis for Consideration of Listing	<p>Data collected by the Skagit System Cooperative (submitted by Bob LaRock on 10/30/97) show significant loss of pool and Large Woody Debris habitat structures well below established targets.;</p> <p>These losses are human-caused due to logging practices, agriculture, urban development, and channelization. :</p> <p>The Skagit River Coho stocks are listed as depressed (SASSI, 1992) and is a candidate for Endangered Species Act listing.</p>		
Remarks			

Water Name	HANSEN CREEK		
Parameter	Fecal Coliform	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	SV53RP	Old Segment ID #	WA-03-1019
Stream Route #	24.753	Water Resource Inventory Area	3
Township	35N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	30	Grid Longitude	
Basis for Consideration of Listing	Entranco, 1993, 100% of samples collected exceed the upper criterion on Hansen Creek at the mouth between 1991 and 1992		
Remarks			

Water Name	HART SLOUGH/ BRICKYARD CREEK		
Parameter	Fecal Coliform	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> Yes Action Needed None
New Segment ID #	LC92RE	Old Segment ID #	WA-03-1018
Stream Route #	0	Water Resource Inventory Area	3
Township	35N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	34	Grid Longitude	
Basis for Consideration of Listing	Entranco, 1993, 1 excursion beyond the upper criterion on Hart Slough/Brickyard Creek at the mouth between 1991 and 1992		
Remarks	A single excursion beyond the criterion does not meet the Water Quality Program policy for listing.		

Water Name	INDIAN (BIG) SLOUGH		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> No Action Needed TMDL
New Segment ID #	390KRD	Old Segment ID #	WA-03-3100
Stream Route #		Water Resource Inventory Area	3
Township		Waterbody Grid #	48122E4F7
Range		Grid Latitude	48.455
Section		Grid Longitude	122.475
Basis for Consideration of Listing	Bulthuis and Shellenberger, 1995.		
Remarks	The elimination of nearly all the streamside vegetation is a significant factor contributing to the high temperatures based on the 4/97 judgement of Doug Bulthuis (Dept. of Ecology), therefore the segment should not be excluded for natural conditions.		

Water Name	INDIAN (BIG) SLOUGH		
Parameter	Fecal Coliform	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	390KRD	Old Segment ID #	WA-03-3100
Stream Route #		Water Resource Inventory Area	3
Township		Waterbody Grid #	48122E4F7
Range		Grid Latitude	48.455
Section		Grid Longitude	122.475
Basis for Consideration of Listing	Cassidy and McKeen, 1986.		
Remarks			

Water Name	INDIAN (BIG) SLOUGH		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	390KRD	Old Segment ID #	WA-03-3100
Stream Route #		Water Resource Inventory Area	3
Township		Waterbody Grid #	48122E4F7
Range		Grid Latitude	48.455
Section		Grid Longitude	122.475
Basis for Consideration of Listing	Bulthuis, 1993.		
Remarks	The elimination of nearly all the streamside vegetation is a significant factor contributing to the high temperatures based on the 4/97 judgement of Doug Bulthuis (Dept. of Ecology), therefore the segment should not be excluded for natural conditions.		

Water Name	INDIAN (BIG) SLOUGH		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	390KRD	Old Segment ID #	WA-03-3100
Stream Route #		Water Resource Inventory Area	3
Township		Waterbody Grid #	48122E4F7
Range		Grid Latitude	48.455
Section		Grid Longitude	122.475
Basis for Consideration of Listing	Cassidy and McKeen, 1986.		
Remarks	The elimination of nearly all the streamside vegetation is a significant factor contributing to the high temperatures based on the 4/97 judgement of Doug Bulthuis (Dept. of Ecology), therefore the segment should not be excluded for natural conditions.		

Water Name	INDIAN (BIG) SLOUGH		
Parameter	Dissolved Oxygen	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	390KRD	Old Segment ID #	WA-03-3100
Stream Route #		Water Resource Inventory Area	3
Township		Waterbody Grid #	48122E4F7
Range		Grid Latitude	48.455
Section		Grid Longitude	122.475
Basis for Consideration of Listing	Bulthuis, 1993.		
Remarks			

Water Name	INDIAN (BIG) SLOUGH		
Parameter	Dissolved Oxygen	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	390KRD	Old Segment ID #	WA-03-3100
Stream Route #		Water Resource Inventory Area	3
Township		Waterbody Grid #	48122E4F7
Range		Grid Latitude	48.455
Section		Grid Longitude	122.475
Basis for Consideration of Listing	Cassidy and McKeen, 1986.		
Remarks			

Water Name INDIAN (BIG) SLOUGH

Parameter Dissolved Oxygen **Mediu** Water

Place on 1998 List? Yes **Listed in 1996** No **Action Needed** TMDL

New Segment ID # 390KRD **Old Segment ID #** WA-03-3100

Stream Route # **Water Resource Inventory Area** 3

Township **Waterbody Grid #** 48122E4F7

Range **Grid Latitude** 48.455

Section **Grid Longitude** 122.475

Basis for Consideration of Listing Bulthuis and Shellenberger, 1995.

Remarks

Water Name INDIAN (BIG) SLOUGH

Parameter Fecal Coliform **Mediu** Water

Place on 1998 List? Yes **Listed in 1996** Yes **Action Needed** TMDL

New Segment ID # 390KRD **Old Segment ID #** WA-03-3100

Stream Route # **Water Resource Inventory Area** 3

Township **Waterbody Grid #** 48122E4F7

Range **Grid Latitude** 48.455

Section **Grid Longitude** 122.475

Basis for Consideration of Listing Bulthuis, 1993.

Remarks

Water Name	JOE LEARY SLOUGH		
Parameter	Dissolved Oxygen	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	390KRD	Old Segment ID #	WA-03-3000
Stream Route #		Water Resource Inventory Area	3
Township		Waterbody Grid #	48122F4C7
Range		Grid Latitude	48.525
Section		Grid Longitude	122.475
Basis for Consideration of Listing	Bulthuis, 1993.		
Remarks			

Water Name	JOE LEARY SLOUGH		
Parameter	Dissolved Oxygen	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	390KRD	Old Segment ID #	WA-03-3000
Stream Route #		Water Resource Inventory Area	3
Township		Waterbody Grid #	48122F4C7
Range		Grid Latitude	48.525
Section		Grid Longitude	122.475
Basis for Consideration of Listing	Cassidy and McKeen, 1986.		
Remarks			

Water Name

Parameter **Mediu**

Place on 1998 List? **Listed in 1996** **Action Needed**

New Segment ID # **Old Segment ID #**

Stream Route # **Water Resource Inventory Area**

Township **Waterbody Grid #**

Range **Grid Latitude**

Section **Grid Longitude**

Basis for Consideration of Listing

Remarks

Water Name

Parameter **Mediu**

Place on 1998 List? **Listed in 1996** **Action Needed**

New Segment ID # **Old Segment ID #**

Stream Route # **Water Resource Inventory Area**

Township **Waterbody Grid #**

Range **Grid Latitude**

Section **Grid Longitude**

Basis for Consideration of Listing

Remarks

Water Name	JOE LEARY SLOUGH		
Parameter	Fecal Coliform	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	390KRD	Old Segment ID #	WA-03-3000
Stream Route #		Water Resource Inventory Area	3
Township		Waterbody Grid #	48122F4C7
Range		Grid Latitude	48.525
Section		Grid Longitude	122.475
Basis for Consideration of Listing	Bulthuis, 1993.		
Remarks			

Water Name	JOE LEARY SLOUGH		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	390KRD	Old Segment ID #	WA-03-3000
Stream Route #		Water Resource Inventory Area	3
Township		Waterbody Grid #	48122F4C7
Range		Grid Latitude	48.525
Section		Grid Longitude	122.475
Basis for Consideration of Listing	Bulthuis, 1993.		
Remarks	The elimination of nearly all the streamside vegetation is a significant factor contributing to the high temperatures based on the 4/97 judgement of Doug Bulthuis (Dept. of Ecology).		

Water Name	JOE LEARY SLOUGH		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	390KRD	Old Segment ID #	WA-03-3000
Stream Route #		Water Resource Inventory Area	3
Township		Waterbody Grid #	48122F4C7
Range		Grid Latitude	48.525
Section		Grid Longitude	122.475
Basis for Consideration of Listing	Cassidy and McKeen, 1986.		
Remarks	The elimination of nearly all the streamside vegetation is a significant factor contributing to the high temperatures based on the 4/97 judgement of Doug Bulthuis (Dept. of Ecology).		

Water Name	JOE LEARY SLOUGH		
Parameter	Fecal Coliform	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> No Action Needed TMDL
New Segment ID #	390KRD	Old Segment ID #	WA-03-3000
Stream Route #		Water Resource Inventory Area	3
Township		Waterbody Grid #	48122F4C7
Range		Grid Latitude	48.525
Section		Grid Longitude	122.475
Basis for Consideration of Listing	Bulthuis, 1997.		
Remarks			

Water Name

Parameter **Mediu**

Place on 1998 List? **Listed in 1996** **Action Needed**

New Segment ID # **Old Segment ID #**

Stream Route # **Water Resource Inventory Area**

Township **Waterbody Grid #**

Range **Grid Latitude**

Section **Grid Longitude**

Basis for Consideration of Listing

Remarks

Water Name

Parameter **Mediu**

Place on 1998 List? **Listed in 1996** **Action Needed**

New Segment ID # **Old Segment ID #**

Stream Route # **Water Resource Inventory Area**

Township **Waterbody Grid #**

Range **Grid Latitude**

Section **Grid Longitude**

Basis for Consideration of Listing

Remarks

Water Name

Parameter **Mediu**

Place on 1998 List? **Listed in 1996** **Action Needed**

New Segment ID # **Old Segment ID #**

Stream Route # **Water Resource Inventory Area**

Township **Waterbody Grid #**

Range **Grid Latitude**

Section **Grid Longitude**

Basis for Consideration of Listing

Remarks

Water Name

Parameter **Mediu**

Place on 1998 List? **Listed in 1996** **Action Needed**

New Segment ID # **Old Segment ID #**

Stream Route # **Water Resource Inventory Area**

Township **Waterbody Grid #**

Range **Grid Latitude**

Section **Grid Longitude**

Basis for Consideration of Listing

Remarks

Water Name	KETCHUM LAKE		
Parameter	Total Phosphorus	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	804KBQ	Old Segment ID #	WA-03-9110
Stream Route #		Water Resource Inventory Area	3
Township	32N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	07	Grid Longitude	
Basis for Consideration of Listing	Active State Phase I Clean Lakes Restoration Project -diagnostic/feasibility assessment showed lake is highly eutrophic. Majority of the phosphorus loading is coming from an adjacent farm via runoff from excessive land application of manure. In-lake recycling of phosphorus is also significant. Phase I final report is completed. CCWF application for Phase II watershed and in-lake restoration measures is in review.		
Remarks			

Water Name	MUD LAKE CREEK		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> No Action Needed TMDL
New Segment ID #	IL21OS	Old Segment ID #	None10
Stream Route #	1.366	Water Resource Inventory Area	3
Township	34N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	11	Grid Longitude	
Basis for Consideration of Listing	Skagit System Cooperative data (submitted by Bob LaRock on 10/30/97) show 3 excursions beyond the criterion on Mud Lake Creek (WDF# 03.0229) below Swan Road during 1997.		
Remarks			

Water Name

Parameter **Mediu**

Place on 1998 List? **Listed in 1996** **Action Needed**

New Segment ID # **Old Segment ID #**

Stream Route # **Water Resource Inventory Area**

Township **Waterbody Grid #**

Range **Grid Latitude**

Section **Grid Longitude**

Basis for Consideration of Listing

Remarks

Water Name

Parameter **Mediu**

Place on 1998 List? **Listed in 1996** **Action Needed**

New Segment ID # **Old Segment ID #**

Stream Route # **Water Resource Inventory Area**

Township **Waterbody Grid #**

Range **Grid Latitude**

Section **Grid Longitude**

Basis for Consideration of Listing

Remarks

Water Name

Parameter **Mediu**

Place on 1998 List? **Listed in 1996** **Action Needed**

New Segment ID # **Old Segment ID #**

Stream Route # **Water Resource Inventory Area**

Township **Waterbody Grid #**

Range **Grid Latitude**

Section **Grid Longitude**

Basis for Consideration of Listing

Remarks

Water Name

Parameter **Mediu**

Place on 1998 List? **Listed in 1996** **Action Needed**

New Segment ID # **Old Segment ID #**

Stream Route # **Water Resource Inventory Area**

Township **Waterbody Grid #**

Range **Grid Latitude**

Section **Grid Longitude**

Basis for Consideration of Listing

Remarks

Water Name NOOKACHAMPS CREEK

Parameter Fecal Coliform **Mediu** Water

Place on 1998 List? Yes **Listed in 1996** Yes **Action Needed** TMDL

New Segment ID # LZ60MT **Old Segment ID #** WA-03-1017

Stream Route # 1.071 **Water Resource Inventory Area** 3

Township 34N **Waterbody Grid #**

Range 04E **Grid Latitude**

Section 03 **Grid Longitude**

Basis for Consideration of Listing
Entranco, 1993, 100% of samples collected exceed the upper criterion on Nookachamps Creek between 1991 and 1992

Remarks

Water Name NOOKACHAMPS CREEK

Parameter Temperature **Mediu** Water

Place on 1998 List? Yes **Listed in 1996** No **Action Needed** TMDL

New Segment ID # LZ60MT **Old Segment ID #** WA-03-1017

Stream Route # 10.063 **Water Resource Inventory Area** 3

Township 34N **Waterbody Grid #**

Range 04E **Grid Latitude**

Section 25 **Grid Longitude**

Basis for Consideration of Listing
Skagit System Cooperative data (submitted by Bob LaRock on 10/30/97) show 3 excursions beyond the criterion on Nookachamps Creek above McMurray Shores Drive during 1997.

Remarks

Water Name

Parameter **Mediu**

Place on 1998 List? **Listed in 1996** **Action Needed**

New Segment ID # **Old Segment ID #**

Stream Route # **Water Resource Inventory Area**

Township **Waterbody Grid #**

Range **Grid Latitude**

Section **Grid Longitude**

Basis for Consideration of Listing

Remarks

Water Name

Parameter **Mediu**

Place on 1998 List? **Listed in 1996** **Action Needed**

New Segment ID # **Old Segment ID #**

Stream Route # **Water Resource Inventory Area**

Township **Waterbody Grid #**

Range **Grid Latitude**

Section **Grid Longitude**

Basis for Consideration of Listing

Remarks

Water Name

Parameter **Mediu**

Place on 1998 List? **Listed in 1996** **Action Needed**

New Segment ID # **Old Segment ID #**

Stream Route # **Water Resource Inventory Area**

Township **Waterbody Grid #**

Range **Grid Latitude**

Section **Grid Longitude**

Basis for Consideration of Listing

Remarks

Water Name

Parameter **Mediu**

Place on 1998 List? **Listed in 1996** **Action Needed**

New Segment ID # **Old Segment ID #**

Stream Route # **Water Resource Inventory Area**

Township **Waterbody Grid #**

Range **Grid Latitude**

Section **Grid Longitude**

Basis for Consideration of Listing

Remarks

Water Name

Parameter **Mediu**

Place on 1998 List? **Listed in 1996** **Action Needed**

New Segment ID # **Old Segment ID #**

Stream Route # **Water Resource Inventory Area**

Township **Waterbody Grid #**

Range **Grid Latitude**

Section **Grid Longitude**

Basis for Consideration of Listing

Remarks

Water Name

Parameter **Mediu**

Place on 1998 List? **Listed in 1996** **Action Needed**

New Segment ID # **Old Segment ID #**

Stream Route # **Water Resource Inventory Area**

Township **Waterbody Grid #**

Range **Grid Latitude**

Section **Grid Longitude**

Basis for Consideration of Listing

Remarks

Water Name	OTTER POND CREEK		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> No Action Needed TMDL
New Segment ID #	GK78TY	Old Segment ID #	None5
Stream Route #	0	Water Resource Inventory Area	3
Township	34N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	25	Grid Longitude	
Basis for Consideration of Listing	Skagit System Cooperative data (submitted by Bob LaRock on 10/30/97) show 5 excursions beyond the criterion on Otter Pond Creek (WDF# 03.0256) below Otter Pond Road during 1997.		
Remarks			

Water Name	PADILLA BAY, FIDALGO BAY, AND GUEMES CHANNEL		
Parameter	PCB-1254	Mediu	Tissue
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input checked="" type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	390KRD	Old Segment ID #	WA-03-0020
Stream Route #		Water Resource Inventory Area	3
Township		Waterbody Grid #	48122E4J8
Range		Grid Latitude	48.495
Section		Grid Longitude	122.485
Basis for Consideration of Listing	Johnson and Davis, 1996. , excursion beyond the National Toxics Rule criterion calculated for tissue in mussel samples collected in 1995 from site near the old pilings near Joe Leary Slough, one mile north of the research station.		
Remarks			

Water Name	PADILLA BAY, FIDALGO BAY, AND GUEMES CHANNEL		
Parameter	Dissolved Oxygen	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed <input type="checkbox"/> None
New Segment ID #	<input type="text" value="390KRD"/>	Old Segment ID #	<input type="text" value="WA-03-0020"/>
Stream Route #	<input type="text"/>	Water Resource Inventory Area	<input type="text" value="3"/>
Township	<input type="text"/>	Waterbody Grid #	<input type="text" value="48122F5C2"/>
Range	<input type="text"/>	Grid Latitude	<input type="text" value="48.525"/>
Section	<input type="text"/>	Grid Longitude	<input type="text" value="122.525"/>
Basis for Consideration of Listing	Cassidy and McKeen, 1986.		
Remarks	The excursions beyond the criterion reported in this reference are a natural condition with no direct human caused influence due to stratification, poor flushing and elevated temperature during low tides based on the 6/97 judgement of John Glynn (Dept. of Ecology).		

Water Name	PADILLA BAY, FIDALGO BAY, AND GUEMES CHANNEL		
Parameter	pH	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed <input type="checkbox"/> None
New Segment ID #	<input type="text" value="390KRD"/>	Old Segment ID #	<input type="text" value="WA-03-0020"/>
Stream Route #	<input type="text"/>	Water Resource Inventory Area	<input type="text" value="3"/>
Township	<input type="text"/>	Waterbody Grid #	<input type="text" value="48122F5C2"/>
Range	<input type="text"/>	Grid Latitude	<input type="text" value="48.525"/>
Section	<input type="text"/>	Grid Longitude	<input type="text" value="122.525"/>
Basis for Consideration of Listing	Cassidy and McKeen, 1986.		
Remarks	Since there are no known or probable pollution sources, the excursions beyond the criterion reported in this reference are likely due to a natural condition with no direct human caused influence based on the 6/97 judgement of John Glynn (Dept. of Ecology).		

Water Name	PADILLA BAY, FIDALGO BAY, AND GUEMES CHANNEL		
Parameter	Bis(2-ethylhexyl) Phthalate	Medium	Sediment
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> Yes Action Needed <input type="checkbox"/> None
New Segment ID #	390KRD	Old Segment ID #	WA-03-0020
Stream Route #		Water Resource Inventory Area	3
Township		Waterbody Grid #	48122F5A7
Range		Grid Latitude	48.505
Section		Grid Longitude	122.575
Basis for Consideration of Listing	Hoyle-Dodson and Stasch, 1995., the sediment criterion was exceeded at the Texaco USA outfall in Anacortes.		
Remarks	The confirmatory designation procedures for site identification required by the Sediment Management Standards (WAC 173-204-310(2)) have not been applied to the cited data. As such, these stations are not in violation of the standards until this confirmatory designation process for site identification has been completed. This information should not be used for listing the segment based solely on samples that exceed the chemical criteria until the confirmed as sites according to the standards.		

Water Name	PADILLA BAY, FIDALGO BAY, AND GUEMES CHANNEL		
Parameter	Cyanide	Medium	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed <input type="checkbox"/> None
New Segment ID #	390KRD	Old Segment ID #	WA-03-0020
Stream Route #		Water Resource Inventory Area	3
Township		Waterbody Grid #	48122F5A6
Range		Grid Latitude	48.505
Section		Grid Longitude	122.565
Basis for Consideration of Listing	Hoyle-Dodson and Stasch, 1995., Cyanide concentration at the acute mixing zone boundary was projected to exceed the acute criterion for marine receiving waters.		
Remarks	On pages 19-20 of the Fact Sheet from Ecology's Facility Public Notice Draft for NPDES Permit WA-000076-1 dated January 15, 1997 states that "a determination has been made by Ecology that Shell's effluent does not have a reasonable potential to exceed the acute cyanide criteria". This determination was based the new water quality standard. Since the water quality standards with the higher cyanide criterion were approved by EPA in February 1997, the discharge of the March Point Refineries no longer meets the Water Quality policy for listing.		

Water Name	PARKER CREEK		
Parameter	Fish Habitat	Mediu	Habitat
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> No Action Needed <input type="checkbox"/> Other Control
New Segment ID #	NN50EA	Old Segment ID #	WA-03-1036
Stream Route #	15.801	Water Resource Inventory Area	3
Township	35N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	25	Grid Longitude	
Basis for Consideration of Listing	<p>Data collected by the Skagit System Cooperative (submitted by Bob LaRock on 10/30/97) show significant loss of pool and Large Woody Debris habitat structures well below established targets.;</p> <p>These losses are human-caused due to logging practices, agriculture, urban development, and channelization. :</p> <p>The Skagit River Coho stocks are listed as depressed (SASSI, 1992) and is a candidate for Endangered Species Act listing.</p>		
Remarks			

Water Name	RED CREEK		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> No Action Needed <input type="checkbox"/> TMDL
New Segment ID #	TL30EW	Old Segment ID #	None6
Stream Route #	0	Water Resource Inventory Area	3
Township	35N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	17	Grid Longitude	
Basis for Consideration of Listing	<p>Skagit System Cooperative data (submitted by Bob LaRock on 10/30/97) show 4 excursions beyond the criterion at the Mouth of Red Creek (WDF# 03.0268) during 1997.</p>		
Remarks			

Water Name	SAMISH BAY		
Parameter	Fecal Coliform	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	390KRD	Old Segment ID #	WA-PS-0210
Stream Route #		Water Resource Inventory Area	3
Township		Waterbody Grid #	48122F4G8
Range		Grid Latitude	48.565
Section		Grid Longitude	122.485
Basis for Consideration of Listing	Department of Health Prohibited Commercial Shellfish Area at Samish Bay based partially on data from station 18 that exceed the criterion (from the Annual Growing Area Review ending December 1996).		
Remarks			

Water Name	SAMISH BAY		
Parameter	Fecal Coliform	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	390KRD	Old Segment ID #	WA-PS-0210
Stream Route #		Water Resource Inventory Area	3
Township		Waterbody Grid #	48122F4G7
Range		Grid Latitude	48.565
Section		Grid Longitude	122.475
Basis for Consideration of Listing	Department of Health Prohibited Commercial Shellfish Area at Samish Bay based partially on data from station 19 that exceed the criterion (from the Annual Growing Area Review ending December 1996).		
Remarks			

Water Name	SAMISH BAY		
Parameter	Fecal Coliform	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	390KRD	Old Segment ID #	WA-PS-0210
Stream Route #		Water Resource Inventory Area	3
Township		Waterbody Grid #	48122F4G5
Range		Grid Latitude	48.565
Section		Grid Longitude	122.455
Basis for Consideration of Listing	Department of Health Prohibited Commercial Shellfish Area at Samish Bay based partially on data from station 13 that exceed the criterion (from the Annual Growing Area Review ending December 1996).		
Remarks			

Water Name	SAMISH RIVER		
Parameter	Fecal Coliform	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	NN50EA	Old Segment ID #	WA-03-2010
Stream Route #	15.801	Water Resource Inventory Area	3
Township	35N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	05	Grid Longitude	
Basis for Consideration of Listing	4 excursions beyond the criterion out of 12 samples (33%) at Ecology ambient monitoring station 03B050 (RM 10.4) between 9/91 and 9/96;		
Remarks			

Water Name	SAMISH RIVER		
Parameter	pH	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed <input type="checkbox"/> None
New Segment ID #	KT99FZ	Old Segment ID #	WA-03-2010
Stream Route #	0	Water Resource Inventory Area	3
Township	33N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	19	Grid Longitude	
Basis for Consideration of Listing	One excursion beyond the criterion at Ecology ambient monitoring station 03A050 on 3/20/91.		
Remarks	A single excursion beyond the criterion does not meet the Water Quality Program Policy for listing.		

Water Name	SKAGIT BAY AND SIMILK BAY		
Parameter	Fecal Coliform	Mediu	Water
Place on 1998 List?	<input checked="" type="checkbox"/> Yes	Listed in 1996	<input checked="" type="checkbox"/> Yes Action Needed <input type="checkbox"/> TMDL
New Segment ID #	390KRD	Old Segment ID #	WA-PS-0010
Stream Route #		Water Resource Inventory Area	3
Township		Waterbody Grid #	48122C3I8
Range		Grid Latitude	48.285
Section		Grid Longitude	122.385
Basis for Consideration of Listing	Department of Health Prohibited Commercial Shellfish Area South Skagit Bay based partially on data from station 10 that exceed the criterion (from the Annual Growing Area Review ending December 1996).		
Remarks			

Water Name	SKAGIT BAY AND SIMILK BAY		
Parameter	Fecal Coliform	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	390KRD	Old Segment ID #	WA-PS-0010
Stream Route #		Water Resource Inventory Area	3
Township		Waterbody Grid #	48122D3C9
Range		Grid Latitude	48.325
Section		Grid Longitude	122.395
Basis for Consideration of Listing	Skagit System Cooperative data (submitted by Bob La Rock on 9-20-93) show 5 excursions beyond the upper criterion out of 6 samples at station DRYD between 1/92 and 6/92.		
Remarks			

Water Name	SKAGIT BAY AND SIMILK BAY		
Parameter	Fecal Coliform	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	390KRD	Old Segment ID #	WA-PS-0010
Stream Route #		Water Resource Inventory Area	3
Township		Waterbody Grid #	48122C3G9
Range		Grid Latitude	48.265
Section		Grid Longitude	122.395
Basis for Consideration of Listing	Department of Health Conditionally Approved Commercial Shellfish Area South Skagit Bay based partially on data from station 7 that exceed the criterion (from the Annual Growing Area Review ending December 1996).		
Remarks			

Water Name	SKAGIT BAY AND SIMILK BAY		
Parameter	Fecal Coliform	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	390KRD	Old Segment ID #	WA-PS-0010
Stream Route #		Water Resource Inventory Area	3
Township		Waterbody Grid #	48122D3B8
Range		Grid Latitude	48.315
Section		Grid Longitude	122.385
Basis for Consideration of Listing	Skagit System Cooperative data (submitted by Bob La Rock on 9-20-93) show 6 excursions beyond the upper criterion out of 6 samples at station WILD between 1/92 and 6/92.		
Remarks			

Water Name	SKAGIT BAY AND SIMILK BAY		
Parameter	Dissolved Oxygen	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed None
New Segment ID #	BN62VR	Old Segment ID #	WA-PS-0010
Stream Route #	9.329	Water Resource Inventory Area	3
Township	34N	Waterbody Grid #	
Range	02E	Grid Latitude	
Section	99	Grid Longitude	
Basis for Consideration of Listing	Cassidy and McKeen, 1986 , 7 excursions out of 12 samples (58%) at the north mouth of the Swinomish Channel between 1985 and 1986.		
Remarks	The excursions beyond the criterion in the cited report are the result of natural conditions with no direct human caused influence and therefore is not a violation of state standards per John Glynn (Dept. of Ecology - 6/97 judgement).		

Water Name SKAGIT BAY AND SIMILK BAY

Parameter Fecal Coliform **Mediu** Water

Place on 1998 List? Yes **Listed in 1996** Yes **Action Needed** TMDL

New Segment ID # 390KRD **Old Segment ID #** WA-PS-0010

Stream Route # **Water Resource Inventory Area** 3

Township **Waterbody Grid #** 48122D4D4

Range **Grid Latitude** 48.335

Section **Grid Longitude** 122.445

Basis for Consideration of Listing Skagit System Cooperative data (submitted by Bob La Rock on 9-20-93) show 3 excursions beyond the upper criterion out of 6 samples at station HALD between 1/92 and 6/92.

Remarks

Water Name SKAGIT BAY AND SIMILK BAY

Parameter Fecal Coliform **Mediu** Water

Place on 1998 List? Yes **Listed in 1996** Yes **Action Needed** TMDL

New Segment ID # 390KRD **Old Segment ID #** WA-PS-0010

Stream Route # **Water Resource Inventory Area** 3

Township **Waterbody Grid #** 48122D4D1

Range **Grid Latitude** 48.335

Section **Grid Longitude** 122.415

Basis for Consideration of Listing Skagit System Cooperative data (submitted by Bob La Rock on 9-20-93) show 4 excursions beyond the upper criterion out of 6 samples at station BRWD between 1/92 and 6/92.

Remarks

Water Name	SKAGIT RIVER		
Parameter	Arsenic	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed <input type="checkbox"/> None
New Segment ID #	SV53RP	Old Segment ID #	WA-03-1020
Stream Route #	12.46	Water Resource Inventory Area	3
Township	34N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	08	Grid Longitude	
Basis for Consideration of Listing	0 excursions beyond the National Toxics criterion out of 6 samples (0%) at Ecology ambient monitoring station 03A060 (RM 15.9) between 9/91 and 9/96;		
Remarks	<p>The segment was proposed for listing in error. The data collected at station 03A060 showed no detection at the limit of 30 ug/l.</p> <p>There is significant uncertainty regarding the accuracy of the current arsenic criteria for human health. Even EPA is reluctant to impose the criteria (62 FR 42179, August 5, 1997) that they promulgated on Washington State through the national toxic rule. Ecology is currently considering revising the arsenic standard.</p>		

Water Name	SKAGIT RIVER		
Parameter	Fecal Coliform	Mediu	Water
Place on 1998 List?	<input checked="" type="checkbox"/> Yes	Listed in 1996	<input checked="" type="checkbox"/> Yes Action Needed <input type="checkbox"/> TMDL
New Segment ID #	QG78VP	Old Segment ID #	WA-03-1010
Stream Route #	6.593	Water Resource Inventory Area	3
Township	33N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	18	Grid Longitude	
Basis for Consideration of Listing	Entranco, 1993, 50% of samples collected exceed the upper criterion on S.F Skagit at Conway between 1991 and 1992.		
Remarks			

Water Name	SKAGIT RIVER, N.F.		
Parameter	Fecal Coliform	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> Yes Action Needed <input type="checkbox"/> None
New Segment ID #	SZ43NC	Old Segment ID #	WA-03-1015
Stream Route #	0.958	Water Resource Inventory Area	3
Township	33N	Waterbody Grid #	
Range	03E	Grid Latitude	
Section	08	Grid Longitude	
Basis for Consideration of Listing	Entranco, 1993, 1 excursion beyond the upper criterion on N.F. Skagit River at Blakes Resort between 1991 and 1992.		
Remarks	A single excursion beyond the criterion does not meet the Water Quality Program policy for listing.		

Water Name	SORENSEN CREEK		
Parameter	Fish Habitat	Mediu	Habitat
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> No Action Needed <input type="checkbox"/> Other Control
New Segment ID #	HP89WW	Old Segment ID #	WA-03-1035
Stream Route #	0	Water Resource Inventory Area	3
Township	35N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	25	Grid Longitude	
Basis for Consideration of Listing	Data collected by the Skagit System Cooperative (submitted by Bob LaRock on 10/30/97) show significant loss of pool and Large Woody Debris habitat structures well below established targets.; These losses are human-caused due to logging practices, agriculture, urban development, and channelization. : The Skagit River Coho stocks are listed as depressed (SASSI, 1992) and is a candidate for Endangered Species Act listing.		
Remarks			

Water Name	TURNER CREEK		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input checked="" type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> No Action Needed TMDL
New Segment ID #	EI77IQ	Old Segment ID #	None12
Stream Route #	1.402	Water Resource Inventory Area	3
Township	34N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	18	Grid Longitude	
Basis for Consideration of Listing	Skagit System Cooperative data (submitted by Bob LaRock on 10/30/97) show 6 excursions beyond the criterion on Turner Creek below Beaver Lake Road Bridge during 1997.		
Remarks			

Water Name	UNNAMED CREEK		
Parameter	Fecal Coliform	Mediu	Water
Place on 1998 List?	<input checked="" type="checkbox"/> Yes	Listed in 1996	<input checked="" type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	NO-ID	Old Segment ID #	WA-03-8000
Stream Route #	0	Water Resource Inventory Area	3
Township	32N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	07	Grid Longitude	
Basis for Consideration of Listing	Williams, 1995. , 2 excursions beyond the criterion on an unnamed creek (old segment WA-03-8000) to Lake Ketcham 3/15/95 and 4/11/95 sampled as part of the Phase I project .		
Remarks	There is no WASWIS ID for this segment. The stream drains to Lake Ketcham.		

Water Name

Parameter **Mediu**

Place on 1998 List? **Listed in 1996** **Action Needed**

New Segment ID # **Old Segment ID #**

Stream Route # **Water Resource Inventory Area**

Township **Waterbody Grid #**

Range **Grid Latitude**

Section **Grid Longitude**

Basis for Consideration of Listing

Remarks

Water Name

Parameter **Mediu**

Place on 1998 List? **Listed in 1996** **Action Needed**

New Segment ID # **Old Segment ID #**

Stream Route # **Water Resource Inventory Area**

Township **Waterbody Grid #**

Range **Grid Latitude**

Section **Grid Longitude**

Basis for Consideration of Listing

Remarks