

Final 1998 Section 303(d) List - WRIA 5

Water Name	BEAVER CREEK		
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 #	GE86BC	Old Segment ID #	WA-05-1090
Stream Route #	0.673	Water Resource Inventory Area	5
Township	30N	Waterbody Grid #	
Range	10E	Grid Latitude	
Section	21	Grid Longitude	
Basis for Consideration of Listing	Stillaguamish Indian Tribal data (submitted by Don Klopfer on 8/4/95) show 2 excursions beyond the criterion on 1/19/94.		
Remarks	Multiple excursions beyond the criterion sampled within a 24-hour period are considered a single excursion per Water Quality Program Policy. A single excursion beyond the criterion does not meet the Water Quality Program Policy for listing.		

Water Name	BENSON CREEK		
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 #	BE92ZF	Old Segment ID #	WA-05-1070
Stream Route #	0.352	Water Resource Inventory Area	5
Township	30N	Waterbody Grid #	
Range	08E	Grid Latitude	
Section	16	Grid Longitude	
Basis for Consideration of Listing	Stillaguamish Indian Tribal data (submitted by Don Klopfer on 8/4/95) show 1 excursions beyond the criterion on 5/26/94.		
Remarks	A single excursion beyond the criterion does not meet the Water Quality Program Policy for listing.		

Water Name	BENSON CREEK		
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 #	BE92ZF	Old Segment ID #	WA-05-1070
Stream Route #	0.352	Water Resource Inventory Area	5
Township	30N	Waterbody Grid #	
Range	08E	Grid Latitude	
Section	16	Grid Longitude	
Basis for Consideration of Listing	Stillaguamish Indian Tribal data (submitted by Don Klopfer on 8/4/95) show 3 excursions beyond the criterion on 1/19/94.		
Remarks	Multiple excursions beyond the criterion sampled within a 24-hour period are considered a single excursion per Water Quality Program Policy. A single excursion beyond the criterion does not meet the Water Quality Program Policy for listing.		

Water Name	BOARDMAN CREEK		
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 #	GM04RO	Old Segment ID #	WA-05-1080
Stream Route #	0.857	Water Resource Inventory Area	5
Township	30N	Waterbody Grid #	
Range	09E	Grid Latitude	
Section	20	Grid Longitude	
Basis for Consideration of Listing	Stillaguamish Indian Tribal data (submitted by Don Klopfer on 8/4/95) show 2 excursions beyond the criterion on 1/19/94.		
Remarks	Multiple excursions beyond the criterion sampled within a 24-hour period are considered a single excursion per Water Quality Program Policy. A single excursion beyond the criterion does not meet the Water Quality Program Policy for listing.		

Water Name	CANYON CREEK		
Parameter	Fecal Coliform	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 #	RR46TS	Old Segment ID #	None17
Stream Route #	1.297	Water Resource Inventory Area	5
Township	30N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	01	Grid Longitude	
Basis for Consideration of Listing	Stillaguamish Tribal data (submitted by Don Klopfer on 10/29/97) show 1 excursion beyond the upper criterion on 9/17/97 at Canyon Fall Park on Canyon Creek RM 1.05.		
Remarks	A single excursion beyond the criterion does not meet the Water Quality Program policy for listing.		

Water Name	DEER 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 #	PA13UD	Old Segment ID #	WA-05-1021
Stream Route #	0.049	Water Resource Inventory Area	5
Township	32N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	08	Grid Longitude	
Basis for Consideration of Listing	Sullivan, et al. 1990., multiple excursions beyond the criterion at the mouth during 8/88.		
Remarks			

Water Name	DEER CREEK		
Parameter	Fecal Coliform	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 #	PA13UD	Old Segment ID #	WA-05-1021
Stream Route #	0.049	Water Resource Inventory Area	5
Township	32N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	08	Grid Longitude	
Basis for Consideration of Listing	Stillaguamish Tribal data (submitted by Don Klopfer on 10/29/97) show 1 excursion beyond the upper criterion on 9/17/97 at Oso Bridge (Hwy 530) on Deer Creek RM 0.2.		
Remarks	A single excursion beyond the criterion does not meet the Water Quality Program policy for listing.		

Water Name	DEER 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 #	PA13UD	Old Segment ID #	WA-05-1021
Stream Route #	25.16	Water Resource Inventory Area	5
Township	34N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	36	Grid Longitude	
Basis for Consideration of Listing	Sullivan, et al. 1990., multiple excursions beyond the criterion at RM 14 during 8/88.		
Remarks			

Water Name	FISH CREEK		
Parameter	Lead	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 #	QJ28UC	Old Segment ID #	WA-05-1016
Stream Route #	0	Water Resource Inventory Area	5
Township	31N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	12	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, 1996. , 23% of samples collected between 1994 -1995 show excursions beyond the chronic criterion.;		
Remarks	A determination by Art Johnson (Department of Ecology) on 10/31/97 show the quality assurance plan is not adequate and the metals data are suspect. In addition, these data are for total recoverable metals (not stated in the report) and are not comparable to the water quality standards which specify criteria for dissolved metals (memorandum from Art Johnson to Steve Butkus and Will Kendra dated 4/24/98).		

Water Name	FISH CREEK		
Parameter	Fecal Coliform	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 #	QJ28UC	Old Segment ID #	WA-05-1016
Stream Route #	0	Water Resource Inventory Area	5
Township	31N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	12	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, 1995. , 46% of samples show excursions beyond the upper criterion.		
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	HARVEY CREEK		
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 #	HD76OJ	Old Segment ID #	None16
Stream Route #	0.969	Water Resource Inventory Area	5
Township	32N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	23	Grid Longitude	
Basis for Consideration of Listing	Stillaguamish Tribal data (submitted by Don Klopfer on 10/29/97) show 6 excursions beyond the upper criterion between 1996 and 1997 at below the Hatchery on Harvey Creek RM 0.9.		
Remarks			

Water Name	HARVEY CREEK		
Parameter	Fecal Coliform	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed None
New Segment ID #	390KRD	Old Segment ID #	None16
Stream Route #	0	Water Resource Inventory Area	5
Township	32N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	26	Grid Longitude	
Basis for Consideration of Listing	Stillaguamish Tribal data (submitted by Don Klopfer on 10/29/97) show 1 excursion beyond the upper criterion on 5/14/96 at the Lake Armstrong outlet on Harvey Creek RM 0.3.		
Remarks	A single excursion beyond the criterion does not meet the Water Quality Program policy for listing.		

Water Name	HARVEY CREEK		
Parameter	Fecal Coliform	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 #	HD76OJ	Old Segment ID #	None16
Stream Route #	0.969	Water Resource Inventory Area	5
Township	32N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	23	Grid Longitude	
Basis for Consideration of Listing	Stillaguamish Tribal data (submitted by Don Klopfer on 10/29/97) show 1 excursion beyond the upper criterion on 9/18/97 above the hatchery on Harvey Creek RM 0.9 (drains to WDF# 05.0126).		
Remarks	A single excursion beyond the criterion does not meet the Water Quality Program policy for listing.		

Water Name	HARVEY CREEK		
Parameter	Fecal Coliform	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 #	HD76OJ	Old Segment ID #	None16
Stream Route #	3.117	Water Resource Inventory Area	5
Township	32N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	15	Grid Longitude	
Basis for Consideration of Listing	Stillaguamish Tribal data (submitted by Don Klopfer on 10/29/97) show 1 excursion beyond the upper criterion on 5/14/96 past the dump on Harvey Creek RM 2.7.		
Remarks	A single excursion beyond the criterion does not meet the Water Quality Program policy for listing.		

Water Name	HIGGINS CREEK		
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 #	BH79GG	Old Segment ID #	WA-05-1025
Stream Route #	1.583	Water Resource Inventory Area	5
Township	32N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	20	Grid Longitude	
Basis for Consideration of Listing	Sullivan, et al. 1990 , 22 excursions beyond the criterion during 8/88.		
Remarks			

Water Name	HOWARD LAKE		
Parameter	Total Phosphorus	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> Yes Action Needed None
New Segment ID #	003PVS	Old Segment ID #	WA-05-9070
Stream Route #		Water Resource Inventory Area	5
Township	31N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	20	Grid Longitude	
Basis for Consideration of Listing	Completed Phase I State Clean Lakes Restoration Project in 1986 - Problems Encountered: Blue-green algae, low dissolved oxygen, sediment phosphorus recycling, fecal coliform bacteria. Entranco Engineers, 1986.		
Remarks	Comments from Snohomish County (submitted by Kathy Thornburgh on 10/27/97) show that the cited Phase I study did not identify any significant use impairments. Unpublished data collected by Snohomish County indicate concentrations similar to those recorded in the Phase I study. This review of the information in the Phase I study shows that it does not meet the Water Quality Program policy for listing since use impairments were not identified. Since the lake has not degraded further based on the submitted data, there is no basis for listing.		

Water Name	HOWARD LAKE		
Parameter	Fecal Coliform	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 #	003PVS	Old Segment ID #	WA-05-9070
Stream Route #		Water Resource Inventory Area	5
Township	31N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	20	Grid Longitude	
Basis for Consideration of Listing	Completed Phase I State Clean Lakes Restoration Project in 1986 - Problems Encountered: Blue-green algae, low dissolved oxygen, sediment phosphorus recycling, fecal coliform bacteria. Entrance Engineers, 1986.		
Remarks	These old data do not represent current conditions and the segment not be listed based on these data per the 10/97 judgement of Snohomish County and Dept. of Ecology NWRO staff.		

Water Name	JIM CREEK		
Parameter	Fecal Coliform	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 #	JU33JU	Old Segment ID #	None18
Stream Route #	0.174	Water Resource Inventory Area	5
Township	31N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	08	Grid Longitude	
Basis for Consideration of Listing	Stillaguamish Tribal data (submitted by Don Klopfer on 10/29/97) show 4 excursions beyond the upper criterion between 1996 and 1997 at the Jordan Road Bridge on Jim Creek RM 0.1.		
Remarks			

Water Name	JORDON CREEK		
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 #	TT19OT	Old Segment ID #	WA-05-1048
Stream Route #	0	Water Resource Inventory Area	5
Township	31N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	28	Grid Longitude	
Basis for Consideration of Listing	Stillaguamish Indian Tribal data (submitted by Don Klopfer on 8/4/95) show 2 excursions beyond the criterion on 1/19/94.		
Remarks	Multiple excursions beyond the criterion sampled within a 24-hour period are considered a single excursion per Water Quality Program Policy. A single excursion beyond the criterion does not meet the Water Quality Program Policy for listing.		

Water Name	JORGENSEN SLOUGH (CHURCH 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 <input type="checkbox"/> TMDL
New Segment ID #	GH05SX	Old Segment ID #	WA-05-1012
Stream Route #	5.093	Water Resource Inventory Area	5
Township	32N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	21	Grid Longitude	
Basis for Consideration of Listing	Paulsen et al. 1991 , excursions beyond the criterion at RM 3.4, (geom. mean of both wet season and dry season samples) collected between 8/89 and 5/91.; Nelson et al. 1991 , excursions beyond the criterion at RM 3.4 (geom. mean of both wet season and dry season samples) collected between 5/88 and 11/90.;		
Remarks			

Water Name	JORGENSON SLOUGH (CHURCH 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 #	GH05SX	Old Segment ID #	WA-05-1012
Stream Route #	1.637	Water Resource Inventory Area	5
Township	32N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	29	Grid Longitude	
Basis for Consideration of Listing	Paulsen et al. 1991 , excursions beyond the criterion at RM 1.2 (geom. mean of both wet season and dry season samples) collected between 8/89 and 5/91.; Nelson et al. 1991 , excursions beyond the criterion at RM 1.2 (geom. mean of both wet season and dry season samples) collected between 5/88 and 11/90.		
Remarks			

Water Name	JORGENSON SLOUGH (CHURCH CREEK)		
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 #	GH05SX	Old Segment ID #	WA-05-1012
Stream Route #	1.637	Water Resource Inventory Area	5
Township	32N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	29	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, 1995 40% of the samples show excursions beyond the upper criterion at a station in Church Creek Park in Stanwood off 72nd Ave. W during 1994 and 1995.		
Remarks			

Water Name	JORGENSON SLOUGH (CHURCH 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 #	GH05SX	Old Segment ID #	WA-05-1012
Stream Route #	6.581	Water Resource Inventory Area	5
Township	32N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	16	Grid Longitude	
Basis for Consideration of Listing	Paulsen et al. 1991 , excursions beyond the criterion at RM 4.0 (geom. mean of both wet season and dry season samples) collected between 8/89 and 5/91.; Nelson et al. 1991 , excursions beyond the criterion at RM 4.0 (geom. mean of both wet season and dry season samples) collected between 5/88 and 11/90.;		
Remarks			

Water Name	JORGENSON SLOUGH (CHURCH CREEK)		
Parameter	Lead	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed None
New Segment ID #	GH05SX	Old Segment ID #	WA-05-1012
Stream Route #	1.637	Water Resource Inventory Area	5
Township	32N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	29	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, 1996. , 31% of samples collected at a station in Church Creek Park in Stanwood off 72nd Ave. W between 1994 -1995 show excursions beyond the chronic criterion.		
Remarks	A determination by Art Johnson (Department of Ecology) on 10/31/97 show the quality assurance plan is not adequate and the metals data are suspect. In addition, these data are for total recoverable metals (not stated in the report) and are not comparable to the water quality standards which specify criteria for dissolved metals (memorandum from Art Johnson to Steve Butkus and Will Kendra dated 4/24/98).		

Water Name	JORGENSON SLOUGH (CHURCH 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 #	GH05SX	Old Segment ID #	WA-05-1012
Stream Route #	2.404	Water Resource Inventory Area	5
Township	32N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	20	Grid Longitude	
Basis for Consideration of Listing	Paulsen et al. 1991 , excursions beyond the criterion at RM 2.3, (geom. mean of both wet season and dry season samples) collected between 8/89 and 5/91.; Nelson et al. 1991 , excursions beyond the criterion at RM 2.3 (geom. mean of both wet season and dry season samples) collected between 5/88 and 11/90.;		
Remarks			

Water Name	JORGENSON SLOUGH (CHURCH 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 #	GH05SX	Old Segment ID #	WA-05-1012
Stream Route #	1.637	Water Resource Inventory Area	5
Township	32N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	29	Grid Longitude	
Basis for Consideration of Listing	Paulsen et al. 1991 , excursions beyond the criterion at RM 2.0, (geom. mean of both wet season and dry season samples) collected between 8/89 and 5/91.; Nelson et al. 1991 , excursions beyond the criterion at RM 2.0 (geom. mean of both wet season and dry season samples) collected between 5/88 and 11/90.;		
Remarks			

Water Name	KILAKE		
Parameter	Fecal Coliform	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 #	734XSE	Old Segment ID #	WA-05-9090
Stream Route #		Water Resource Inventory Area	5
Township	31N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	23	Grid Longitude	
Basis for Consideration of Listing	Completed Phase I State Clean Lakes Restoration Project in 1986 - Problems Encountered: Blue-green algae, low dissolved oxygen, sediment phosphorus recycling, fecal coliform bacteria. Entranco Engineers, 1986.		
Remarks	These old data do not represent current conditions and the segment not be listed based on these data per the 10/97 judgement of Snohomish County and Dept. of Ecology NWRO staff.		

Water Name	KILAKE		
Parameter	Total Phosphorus	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input checked="" type="checkbox"/> Yes Action Needed <input type="checkbox"/> None
New Segment ID #	734XSE	Old Segment ID #	WA-05-9090
Stream Route #		Water Resource Inventory Area	5
Township	31N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	23	Grid Longitude	
Basis for Consideration of Listing	Completed Phase I State Clean Lakes Restoration Project in 1986 - Problems Encountered: Blue-green algae, low dissolved oxygen, sediment phosphorus recycling, fecal coliform bacteria. Entranco Engineers, 1986.		
Remarks	Comments from Snohomish County (submitted by Kathy Thornburgh on 10/27/97) show that the cited Phase I study did not identify any significant use impairments. Unpublished data collected by Snohomish County indicate concentrations similar to those recorded in the Phase I study. This review of the information in the Phase I study shows that it does not meet the Water Quality Program policy for listing since use impairments were not identified. Since the lake has not degraded further based on the submitted data, there is no basis for listing.		

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	MARTHA 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 #	126KEN	Old Segment ID #	WA-05-9110
Stream Route #		Water Resource Inventory Area	5
Township	31N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	18	Grid Longitude	
Basis for Consideration of Listing	Completed Phase I State Clean Lakes Restoration Project in 1986 - Problems Encountered: Blue-green algae, low dissolved oxygen, sediment phosphorus recycling, fecal coliform bacteria. Entranco Engineers, 1986.		
Remarks	Comments from Snohomish County (submitted by Kathy Thornburgh on 10/27/97) show that the cited Phase I study did not identify any significant use impairments. Unpublished data collected by Snohomish County indicate concentrations similar to those recorded in the Phase I study. This review of the information in the Phase I study shows that it does not meet the Water Quality Program policy for listing since use impairments were not identified. Since the lake has not degraded further based on the submitted data, there is no basis for listing.		

Water Name	MARTHA LAKE CREEK		
Parameter	Fecal Coliform	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 #	IJ55EP	Old Segment ID #	None21
Stream Route #	0.017	Water Resource Inventory Area	5
Township	31N	Waterbody Grid #	
Range	03E	Grid Latitude	
Section	13	Grid Longitude	
Basis for Consideration of Listing	Stillaguamish Tribal data (submitted by Don Klopfer on 10/29/97) show 3 excursions beyond the upper criterion between 1996 and 1997 at 19607 Soundview Drive on the outflow of Martha Lake (RM 0.1)		
Remarks			

Water Name	MONTAGUE CREEK		
Parameter	Fecal Coliform	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 #	WO38NV	Old Segment ID #	None22
Stream Route #	26.448	Water Resource Inventory Area	5
Township	32N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	10	Grid Longitude	
Basis for Consideration of Listing	Stillaguamish Tribal data (submitted by Don Klopfer on 10/29/97) show 1 excursion beyond the upper criterion on 9/17/97 at Hwy 530 on Montague Creek RM 0.1.		
Remarks	A single excursion beyond the criterion does not meet the Water Quality Program policy for listing.		

Water Name	OLD STILLAGUAMISH RIVER		
Parameter	Fecal Coliform	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 #	QE93BW	Old Segment ID #	None20
Stream Route #	0.778	Water Resource Inventory Area	5
Township	32N	Waterbody Grid #	
Range	03E	Grid Latitude	
Section	25	Grid Longitude	
Basis for Consideration of Listing	Stillaguamish Tribal data (submitted by Don Klopfer on 10/29/97) show 6 excursions beyond the upper criterion between 1996 and 1997 below the Stanwood STP on Old Stillaguamish RM 1.4.		
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	PILCHUCK CREEK		
Parameter	Lead	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 #	VJ74AO	Old Segment ID #	WA-05-1018
Stream Route #	0.155	Water Resource Inventory Area	5
Township	32N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	31	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, 1996. , 38% of samples collected between 1994 -1995 show excursions beyond the chronic criterion.;		
Remarks	A determination by Art Johnson (Department of Ecology) on 10/31/97 show the quality assurance plan is not adequate and the metals data are suspect. In addition, these data are for total recoverable metals (not stated in the report) and are not comparable to the water quality standards which specify criteria for dissolved metals (memorandum from Art Johnson to Steve Butkus and Will Kendra dated 4/24/98).		

Water Name	PILCHUCK CREEK		
Parameter	Dissolved Oxygen	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 #	VJ74AO	Old Segment ID #	WA-05-1018
Stream Route #	0.155	Water Resource Inventory Area	5
Township	32N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	31	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, 1995. , 13% of samples show excursions beyond the criterion .;		
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	PORT SUSAN		
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 #	390KRD	Old Segment ID #	WA-PS-0020
Stream Route #		Water Resource Inventory Area	5
Township		Waterbody Grid #	48122B3J6
Range		Grid Latitude	48.195
Section		Grid Longitude	122.365
Basis for Consideration of Listing	Dept. of Health Prohibited Commercial Shellfish Area in Port Susan near the mouth of the Stillagaumish River is based on policy (not water quality sampling).		
Remarks	Many areas are classified as "Prohibited" for commercial shellfish harvest by the Department of Health because of the proximity on a wastewater discharge, and not due to violations of the water quality standards. Without water quality data to show an actual impact, there is no basis for listing waters in these areas.		

Water Name	PORT SUSAN		
Parameter	Temperature	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 #	390KRD	Old Segment ID #	WA-PS-0020
Stream Route #		Water Resource Inventory Area	5
Township		Waterbody Grid #	48122B3D6
Range		Grid Latitude	48.135
Section		Grid Longitude	122.365
Basis for Consideration of Listing	3 excursions beyond the criterion out of 9 samples (30%) at Ecology ambient monitoring station SUZ001 between 9/91 and 9/96.;		
Remarks	These excursions beyond the criterion are a natural condition with no direct human caused influence due to solar heating of the surface water based on the 6/97 judgement of Jan Newton (Dept. of Ecology)		

Water Name	PORT SUSAN		
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-0020
Stream Route #		Water Resource Inventory Area	5
Township		Waterbody Grid #	48122B3I8
Range		Grid Latitude	48.185
Section		Grid Longitude	122.385
Basis for Consideration of Listing	Paulsen et al. 1991. , excursions beyond the criterion (% of samples greater than 43 col/100ml) at 3 locations along Warm Beach sampled between 9/89 and 5/91.		
Remarks			

Water Name	PORTAGE CREEK		
Parameter	Lead	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed None
New Segment ID #	QJ28UC	Old Segment ID #	WA-05-1015
Stream Route #	0	Water Resource Inventory Area	5
Township	31N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	12	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, 1996. , 46% of samples collected between 1994 -1995 show excursions beyond the chronic criterion at the downstream station (near the mouth at the 212th Street NE bridge).		
Remarks	A determination by Art Johnson (Department of Ecology) on 10/31/97 show the quality assurance plan is not adequate and the metals data are suspect. In addition, these data are for total recoverable metals (not stated in the report) and are not comparable to the water quality standards which specify criteria for dissolved metals (memorandum from Art Johnson to Steve Butkus and Will Kendra dated 4/24/98).		

Water Name PORTAGE CREEK

Parameter Fecal Coliform **Mediu** Water

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

New Segment ID # OT80TY **Old Segment ID #** WA-05-1015

Stream Route # 3.588 **Water Resource Inventory Area** 5

Township 31N **Waterbody Grid #**

Range 05E **Grid Latitude**

Section 07 **Grid Longitude**

Basis for Consideration of Listing Plotnikoff and Michaud, 1991. 9 excursions beyond the upper criterion collected at RM 2.5 between 1988 and 1989.

Remarks

Water Name PORTAGE CREEK

Parameter Dissolved Oxygen **Mediu** Water

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

New Segment ID # OT80TY **Old Segment ID #** WA-05-1015

Stream Route # 4.938 **Water Resource Inventory Area** 5

Township 31N **Waterbody Grid #**

Range 05E **Grid Latitude**

Section 17 **Grid Longitude**

Basis for Consideration of Listing Plotnikoff and Michaud, 1991. 10 excursions beyond the criterion out of 13 samples (77%) collected at RM 3.7 between 1988 and 1989.

Remarks

Water Name PORTAGE CREEK

Parameter Fecal Coliform **Mediu** Water

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

New Segment ID # OT80TY **Old Segment ID #** WA-05-1015

Stream Route # 11.548 **Water Resource Inventory Area** 5

Township 31N **Waterbody Grid #**

Range 05E **Grid Latitude**

Section 11 **Grid Longitude**

Basis for Consideration of Listing Plotnikoff and Michaud, 1991. 10 excursions beyond the upper criterion collected at RM 7.1 between 1988 and 1989.

Remarks

Water Name PORTAGE CREEK

Parameter Dissolved Oxygen **Mediu** Water

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

New Segment ID # OT80TY **Old Segment ID #** WA-05-1015

Stream Route # 6.578 **Water Resource Inventory Area** 5

Township 31N **Waterbody Grid #**

Range 05E **Grid Latitude**

Section 16 **Grid Longitude**

Basis for Consideration of Listing Plotnikoff and Michaud, 1991. 2 excursions beyond the criterion out of 14 samples (14%) collected at RM 5.2 between 1988 and 1989.

Remarks

Water Name PORTAGE CREEK

Parameter Dissolved Oxygen **Mediu** Water

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

New Segment ID # OT80TY **Old Segment ID #** WA-05-1015

Stream Route # 3.588 **Water Resource Inventory Area** 5

Township 31N **Waterbody Grid #**

Range 05E **Grid Latitude**

Section 07 **Grid Longitude**

Basis for Consideration of Listing Plotnikoff and Michaud, 1991. 10 excursions beyond the criterion out of 10 samples (100%) collected at RM 2.5 between 1988 and 1989.

Remarks

Water Name PORTAGE CREEK

Parameter Dissolved Oxygen **Mediu** Water

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

New Segment ID # OT80TY **Old Segment ID #** WA-05-1015

Stream Route # 6.578 **Water Resource Inventory Area** 5

Township 31N **Waterbody Grid #**

Range 05E **Grid Latitude**

Section 16 **Grid Longitude**

Basis for Consideration of Listing Thornburgh, 1995. , 40% of samples show excursions beyond the criterion at the upstream station (just outside the City of Arlington on 43rd Ave NE Bridge)

Remarks

Water Name	PORTAGE 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 #	OT80TY	Old Segment ID #	WA-05-1015
Stream Route #	12.985	Water Resource Inventory Area	5
Township	31N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	14	Grid Longitude	
Basis for Consideration of Listing	Plotnikoff and Michaud, 1991. 12 excursions beyond the upper criterion collected at RM 8.1 between 1988 and 1989.		
Remarks			

Water Name	PORTAGE CREEK		
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 #	OT80TY	Old Segment ID #	WA-05-1015
Stream Route #	13.896	Water Resource Inventory Area	5
Township	31N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	13	Grid Longitude	
Basis for Consideration of Listing	Stillaguamish Tribal data (submitted by Don Klopfer on 10/29/97) show 2 excursions beyond the upper criterion between 1996 and 1997 east of Hwy 9 on Cisco Road on Portage Creek RM 8.5		
Remarks			

Water Name	PORTAGE CREEK		
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 #	OT80TY	Old Segment ID #	WA-05-1015
Stream Route #	4.938	Water Resource Inventory Area	5
Township	31N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	17	Grid Longitude	
Basis for Consideration of Listing	Stillaguamish Tribal data (submitted by Don Klopfer on 10/29/97) show 5 excursions beyond the upper criterion between 1996 and 1997 at the Old Pacific Hwy on Portage Creek RM 3.6.		
Remarks			

Water Name	PORTAGE CREEK		
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 #	QJ28UC	Old Segment ID #	WA-05-1015
Stream Route #	0	Water Resource Inventory Area	5
Township	31N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	12	Grid Longitude	
Basis for Consideration of Listing	Stillaguamish Tribal data (submitted by Don Klopfer on 10/29/97) show 6 excursions beyond the upper criterion between 1996 and 1997 at the 212th Street Bridge on Portage Creek RM 0.8.		
Remarks			

Water Name PORTAGE CREEK

Parameter Fecal Coliform **Mediu** Water

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

New Segment ID # OT80TY **Old Segment ID #** WA-05-1015

Stream Route # 3.588 **Water Resource Inventory Area** 5

Township 31N **Waterbody Grid #**

Range 05E **Grid Latitude**

Section 07 **Grid Longitude**

Basis for Consideration of Listing Stillaguamish Tribal data (submitted by Don Klopfer on 10/29/97) show 4 excursions beyond the upper criterion between 1996 and 1997 at 15th Street on Portage Creek RM 2.4.

Remarks

Water Name PORTAGE CREEK

Parameter Fecal Coliform **Mediu** Water

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

New Segment ID # OT80TY **Old Segment ID #** WA-05-1015

Stream Route # 11.548 **Water Resource Inventory Area** 5

Township 31N **Waterbody Grid #**

Range 05E **Grid Latitude**

Section 11 **Grid Longitude**

Basis for Consideration of Listing Stillaguamish Tribal data (submitted by Don Klopfer on 10/29/97) show 6 excursions beyond the upper criterion between 1996 and 1997 at 69th and 204th Street on Portage Creek RM 7.7.

Remarks

Water Name PORTAGE CREEK

Parameter Fecal Coliform **Mediu** Water

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

New Segment ID # OT80TY **Old Segment ID #** WA-05-1015

Stream Route # 11.548 **Water Resource Inventory Area** 5

Township 31N **Waterbody Grid #**

Range 05E **Grid Latitude**

Section 11 **Grid Longitude**

Basis for Consideration of Listing Stillaguamish Tribal data (submitted by Don Klopfer on 10/29/97) show 7 excursions beyond the upper criterion between 1996 and 1997 at Hwy#9 on Portage Creek RM 7.9.

Remarks

Water Name PORTAGE CREEK

Parameter Fecal Coliform **Mediu** Water

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

New Segment ID # OT80TY **Old Segment ID #** WA-05-1015

Stream Route # 0 **Water Resource Inventory Area** 5

Township 31N **Waterbody Grid #**

Range 04E **Grid Latitude**

Section 12 **Grid Longitude**

Basis for Consideration of Listing Stillaguamish Tribal data (submitted by Don Klopfer on 10/29/97) show 5 excursions beyond the upper criterion between 1996 and 1997 at Burn Road on Portage Creek RM 0.5.

Remarks

Water Name	PORTAGE CREEK		
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 #	OT80TY	Old Segment ID #	WA-05-1015
Stream Route #	0	Water Resource Inventory Area	5
Township	31N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	12	Grid Longitude	
Basis for Consideration of Listing	Plotnikoff and Michaud, 1991. 8 excursions beyond the criterion out of 13 samples (62%) collected at RM 1.3 between 1988 and 1989.		
Remarks			

Water Name	PORTAGE CREEK		
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 #	YF03BC	Old Segment ID #	WA-05-1015
Stream Route #	0	Water Resource Inventory Area	5
Township	31N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	16	Grid Longitude	
Basis for Consideration of Listing	Paulsen et al. 1991. , 14 excursions beyond the criterion at RM5.2 measured between 9/89 and 5/91.		
Remarks			

Water Name PORTAGE CREEK

Parameter Fecal Coliform **Mediu** Water

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

New Segment ID # OT80TY **Old Segment ID #** WA-05-1015

Stream Route # 0 **Water Resource Inventory Area** 5

Township 31N **Waterbody Grid #**

Range 04E **Grid Latitude**

Section 12 **Grid Longitude**

Basis for Consideration of Listing Plotnikoff and Michaud, 1991. 4 excursions beyond the upper criterion collected at RM 1.3 between 1988 and 1989.

Remarks

Water Name PORTAGE CREEK

Parameter Dissolved Oxygen **Mediu** Water

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

New Segment ID # OT80TY **Old Segment ID #** WA-05-1015

Stream Route # 4.938 **Water Resource Inventory Area** 5

Township 31N **Waterbody Grid #**

Range 05E **Grid Latitude**

Section 17 **Grid Longitude**

Basis for Consideration of Listing Paulsen et al. 1991. , 13 excursions beyond the criterion at RM 3.7 measured between 9/89 and 5/91.

Remarks

Water Name PORTAGE CREEK

Parameter Fecal Coliform **Mediu** Water

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

New Segment ID # OT80TY **Old Segment ID #** WA-05-1015

Stream Route # 6.578 **Water Resource Inventory Area** 5

Township 31N **Waterbody Grid #**

Range 05E **Grid Latitude**

Section 16 **Grid Longitude**

Basis for Consideration of Listing Plotnikoff and Michaud, 1991. 10 excursions beyond the upper criterion collected at RM 5.2 between 1988 and 1989.

Remarks

Water Name PORTAGE CREEK

Parameter Fecal Coliform **Mediu** Water

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

New Segment ID # OT80TY **Old Segment ID #** WA-05-1015

Stream Route # 4.938 **Water Resource Inventory Area** 5

Township 31N **Waterbody Grid #**

Range 05E **Grid Latitude**

Section 17 **Grid Longitude**

Basis for Consideration of Listing Plotnikoff and Michaud, 1991. 7 excursions beyond the upper criterion collected at RM 3.7 between 1988 and 1989.

Remarks

Water Name	PORTAGE CREEK		
Parameter	Turbidity	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	OT80TY	Old Segment ID #	WA-05-1015
Stream Route #	11.548	Water Resource Inventory Area	5
Township	31N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	11	Grid Longitude	
Basis for Consideration of Listing	Plotnikoff and Michaud, 1991. Turbidity standards were exceeded at RM 7.3 during both the dry and wet season in 1989.		
Remarks	The proposed listing for old segment WA-05-1010 was in error. The data were actually collected on old segment WA-05-1015.		

Water Name	PORTAGE CREEK		
Parameter	Lead	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed None
New Segment ID #	OT80TY	Old Segment ID #	WA-05-1015
Stream Route #	6.578	Water Resource Inventory Area	5
Township	31N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	16	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, 1996. , 46% of samples collected between 1994 -1995 show excursions beyond the chronic criterion at the upstream station (just outside the City of Arlington on 43rd Ave NE Bridge)		
Remarks	A determination by Art Johnson (Department of Ecology) on 10/31/97 show the quality assurance plan is not adequate and the metals data are suspect. In addition, these data are for total recoverable metals (not stated in the report) and are not comparable to the water quality standards which specify criteria for dissolved metals (memorandum from Art Johnson to Steve Butkus and Will Kendra dated 4/24/98).		

Water Name	PORTAGE 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 #	YF03BC	Old Segment ID #	WA-05-1015
Stream Route #	0	Water Resource Inventory Area	5
Township	31N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	16	Grid Longitude	
Basis for Consideration of Listing	Paulsen et al. 1991. , excursions beyond the criterion at RM 5.2 (geom. mean of both wet season and dry season samples) collected between 8/89 and 5/91.		
Remarks			

Water Name	PORTAGE CREEK		
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 #	OT80TY	Old Segment ID #	WA-05-1015
Stream Route #	6.578	Water Resource Inventory Area	5
Township	31N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	16	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, 1995. , 22% of samples show excursions beyond the upper criteria at the upstream station (just outside the City of Arlington on 43rd Ave NE Bridge)		
Remarks			

Water Name PORTAGE CREEK

Parameter Fecal Coliform **Mediu** Water

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

New Segment ID # QJ28UC **Old Segment ID #** WA-05-1015

Stream Route # 0 **Water Resource Inventory Area** 5

Township 31N **Waterbody Grid #**

Range 04E **Grid Latitude**

Section 12 **Grid Longitude**

Basis for Consideration of Listing Thornburgh, 1995. , 22% of samples show excursions beyond the upper criteria at the downstream station (near the mouth at the 212th Street NE bridge)

Remarks

Water Name PORTAGE CREEK

Parameter Dissolved Oxygen **Mediu** Water

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

New Segment ID # QJ28UC **Old Segment ID #** WA-05-1015

Stream Route # 0 **Water Resource Inventory Area** 5

Township 31N **Waterbody Grid #**

Range 04E **Grid Latitude**

Section 12 **Grid Longitude**

Basis for Consideration of Listing Thornburgh, 1995. , 70% of samples show excursions beyond the criterion at the downstream station (near the mouth at the 212th Street NE bridge)

Remarks

Water Name	PORTAGE CREEK		
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 #	OT80TY	Old Segment ID #	WA-05-1015
Stream Route #	3.588	Water Resource Inventory Area	5
Township	31N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	07	Grid Longitude	
Basis for Consideration of Listing	Stillaguamish Indian Tribal data (submitted by Don Klopfer on 8/4/95) show 7 excursions beyond the criterion at the mouth of the North Ditch at RM 2.8 in 1994 and 1995.		
Remarks			

Water Name	PORTAGE CREEK		
Parameter	Turbidity	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	OT80TY	Old Segment ID #	WA-05-1015
Stream Route #	4.938	Water Resource Inventory Area	5
Township	31N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	17	Grid Longitude	
Basis for Consideration of Listing	Plotnikoff and Michaud, 1991. Turbidity standards were exceeded at RM 3.7 during the wet season in 1989.		
Remarks	The proposed listing for old segment WA-05-1010 was in error. The data were actually collected on old segment WA-05-1015.		

Water Name	STILLAGUAMISH RIVER		
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 #	QE93BW	Old Segment ID #	WA-05-1010
Stream Route #	35.996	Water Resource Inventory Area	5
Township	31N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	02	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, 1996. , 3 excursions beyond criterion out of 38 samples (8%) at station MSAR between 1992 and 1997.		
Remarks			

Water Name	STILLAGUAMISH RIVER		
Parameter	Temperature	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 #	QE93BW	Old Segment ID #	WA-05-1010
Stream Route #	23.077	Water Resource Inventory Area	5
Township	31N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	06	Grid Longitude	
Basis for Consideration of Listing	3 excursions beyond the criterion out of 36 samples (3%) at Ecology ambient monitoring station 05A070 (RM 11.1) between 9/91 and 9/96.		
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	STILLAGUAMISH RIVER		
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 #	QE93BW	Old Segment ID #	WA-05-1010
Stream Route #	13.035	Water Resource Inventory Area	5
Township	31N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	04	Grid Longitude	
Basis for Consideration of Listing	Paulsen et al. 1991 , 4 excursions beyond the criterion at RM 4.0, measured between 9/89 and 5/91.		
Remarks			

Water Name	STILLAGUAMISH RIVER		
Parameter	Dissolved Oxygen	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> Yes Action Needed None
New Segment ID #	US80QS	Old Segment ID #	WA-05-1010
Stream Route #	0	Water Resource Inventory Area	5
Township	31N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	05	Grid Longitude	
Basis for Consideration of Listing	Paulsen et al. 1991 , 1 excursion at RM 3.4, measured between 9/89 and 5/91.		
Remarks	A single excursion beyond the criterion does not meet the Water Quality Program policy for listing.		

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	STILLAGUAMISH RIVER		
Parameter	Lead	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 #	ZO73WL	Old Segment ID #	WA-05-1010
Stream Route #	2.236	Water Resource Inventory Area	5
Township	32N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	31	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, 1996. , 38% of samples collected between 1994 -1995 show excursions beyond the chronic criterion at a site on Marine Drive.		
Remarks	A determination by Art Johnson (Department of Ecology) on 10/31/97 show the quality assurance plan is not adequate and the metals data are suspect. In addition, these data are for total recoverable metals (not stated in the report) and are not comparable to the water quality standards which specify criteria for dissolved metals (memorandum from Art Johnson to Steve Butkus and Will Kendra dated 4/24/98).		

Water Name	STILLAGUAMISH RIVER		
Parameter	Fecal Coliform	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 #	ZO73WL	Old Segment ID #	WA-05-1010
Stream Route #	2.236	Water Resource Inventory Area	5
Township	32N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	31	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, 1995. , 16% of samples show excursions beyond the upper criteria at station at Marine Drive.		
Remarks			

Water Name	STILLAGUAMISH RIVER		
Parameter	Dissolved Oxygen	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 #	ZO73WL	Old Segment ID #	WA-05-1010
Stream Route #	0.415	Water Resource Inventory Area	5
Township	31N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	06	Grid Longitude	
Basis for Consideration of Listing	Paulsen et al. 1991 , 1 excursion at RM 1.2, measured between 9/89 and 5/91.		
Remarks	A single excursion beyond the criterion does not meet the Water Quality Program policy for listing.		

Water Name	STILLAGUAMISH RIVER		
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 #	ZO73WL	Old Segment ID #	WA-05-1010
Stream Route #	2.236	Water Resource Inventory Area	5
Township	32N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	31	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, 1995. , excursions beyond the criterion at least once each year between 1992-1995 at Marine Drive.		
Remarks			

Water Name	STILLAGUAMISH RIVER		
Parameter	Copper	Mediu	Water
Place on 1998 List?	<input checked="" type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> No Action Needed TMDL
New Segment ID #	QE93BW	Old Segment ID #	WA-05-1010
Stream Route #	4.112	Water Resource Inventory Area	5
Township	32N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	30	Grid Longitude	
Basis for Consideration of Listing	Glenn, 1996. The copper criterion is exceeded at the acute mixing zone boundary of the Stanwood Discharge.		
Remarks			

Water Name	STILLAGUAMISH RIVER		
Parameter	Arsenic	Mediu	Water
Place on 1998 List?	<input checked="" type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> No Action Needed TMDL
New Segment ID #	QE93BW	Old Segment ID #	WA-05-1010
Stream Route #	23.077	Water Resource Inventory Area	5
Township	31N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	06	Grid Longitude	
Basis for Consideration of Listing	3 excursions beyond the National Toxics Rule criterion out of 3 samples (100%) at Ecology ambient monitoring station 05A070 (RM 11.1) between 9/91 and 9/96..		
Remarks	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.		

Water Name	STILLAGUAMISH RIVER		
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 #	QE93BW	Old Segment ID #	WA-05-1010
Stream Route #	35.996	Water Resource Inventory Area	5
Township	31N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	02	Grid Longitude	
Basis for Consideration of Listing	Stillaguamish Tribal data (submitted by Don Klopfer on 10/29/97) show 3 excursions beyond the upper criterion between 1996 and 1997 below the Arlington STP on Stillaguamish RM 17.5		
Remarks			

Water Name	STILLAGUAMISH RIVER		
Parameter	Copper	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed None
New Segment ID #	QE93BW	Old Segment ID #	WA-05-1010
Stream Route #	35.996	Water Resource Inventory Area	5
Township	31N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	02	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, 1996. , 23% of samples collected between 1994 -1995 show excursions beyond the chronic criterion at a site near Arlington.		
Remarks	A determination by Art Johnson (Department of Ecology) on 10/31/97 show the quality assurance plan is not adequate and the metals data are suspect. In addition, these data are for total recoverable metals (not stated in the report) and are not comparable to the water quality standards which specify criteria for dissolved metals (memorandum from Art Johnson to Steve Butkus and Will Kendra dated 4/24/98).		

Water Name	STILLAGUAMISH RIVER		
Parameter	Copper	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 #	ZO73WL	Old Segment ID #	WA-05-1010
Stream Route #	2.236	Water Resource Inventory Area	5
Township	32N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	31	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, 1996. , 23% of samples collected between 1994 -1995 show excursions beyond the chronic criterion at a site on Marine Drive.		
Remarks	A determination by Art Johnson (Department of Ecology) on 10/31/97 show the quality assurance plan is not adequate and the metals data are suspect. In addition, these data are for total recoverable metals (not stated in the report) and are not comparable to the water quality standards which specify criteria for dissolved metals (memorandum from Art Johnson to Steve Butkus and Will Kendra dated 4/24/98).		

Water Name	STILLAGUAMISH RIVER		
Parameter	Dissolved Oxygen	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 #	ZO73WL	Old Segment ID #	WA-05-1010
Stream Route #	2.947	Water Resource Inventory Area	5
Township	31N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	05	Grid Longitude	
Basis for Consideration of Listing	Paulsen et al. 1991 , 7 excursions at RM 2.0 measured between 9/89 and 5/91.		
Remarks			

Water Name	STILLAGUAMISH RIVER		
Parameter	Lead	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 #	QE93BW	Old Segment ID #	WA-05-1010
Stream Route #	35.996	Water Resource Inventory Area	5
Township	31N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	02	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, 1996. , 38% of samples collected between 1994 -1995 show excursions beyond the chronic criterion at a site near Arlington.		
Remarks	A determination by Art Johnson (Department of Ecology) on 10/31/97 show the quality assurance plan is not adequate and the metals data are suspect. In addition, these data are for total recoverable metals (not stated in the report) and are not comparable to the water quality standards which specify criteria for dissolved metals (memorandum from Art Johnson to Steve Butkus and Will Kendra dated 4/24/98).		

Water Name	STILLAGUAMISH RIVER, N.F.		
Parameter	Fecal Coliform	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 #	WO38NV	Old Segment ID #	WA-05-1020
Stream Route #	33.246	Water Resource Inventory Area	5
Township	32N	Waterbody Grid #	
Range	08E	Grid Latitude	
Section	07	Grid Longitude	
Basis for Consideration of Listing	Stillaguamish Tribal data (submitted by Don Klopfer on 10/29/97) show 2 excursions beyond the upper criterion between 1996 and 1997 at C-Post Bridge on North Fork Stillaguamish RM 20.9		
Remarks			

Water Name	STILLAGUAMISH RIVER, N.F.		
Parameter	Temperature	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 #	WO38NV	Old Segment ID #	WA-05-1020
Stream Route #	44.782	Water Resource Inventory Area	5
Township	32N	Waterbody Grid #	
Range	08E	Grid Latitude	
Section	12	Grid Longitude	
Basis for Consideration of Listing	Proposed for listing based on Stillaguamish Indian Tribal data (submitted by Don Klopfer on 8/4/95).		
Remarks	The proposal was in error since there were no excursions beyond the criterion at the Hatchery (RM30) in the data provided.		

Water Name	STILLAGUAMISH RIVER, N.F.		
Parameter	Fecal Coliform	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input checked="" type="checkbox"/> Yes Action Needed <input type="checkbox"/> None
New Segment ID #	WD98VG	Old Segment ID #	WA-05-1020
Stream Route #	0	Water Resource Inventory Area	5
Township	32N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	15	Grid Longitude	
Basis for Consideration of Listing	1 excursion beyond the criterion out of 12 samples (8%) at Ecology ambient monitoring station 05B070 (RM 9.5) between 9/91 and 9/96.		
Remarks	A single excursion beyond the criterion does not meet the Water Quality Program policy for listing.		

Water Name	STILLAGUAMISH RIVER, N.F.		
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 #	XN66YN	Old Segment ID #	WA-05-1020
Stream Route #	5.302	Water Resource Inventory Area	5
Township	33N	Waterbody Grid #	
Range	09E	Grid Latitude	
Section	22	Grid Longitude	
Basis for Consideration of Listing	Sullivan, et al. 1990 , 19 excursions beyond the criterion during 8/88 at RM 38.8.		
Remarks			

Water Name	STILLAGUAMISH RIVER, N.F.		
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 #	WO38NV	Old Segment ID #	WA-05-1020
Stream Route #	0	Water Resource Inventory Area	5
Township	31N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	02	Grid Longitude	
Basis for Consideration of Listing	Paulsen et al. 1991 , 19% of 17 samples collected between 9/89 and 5/91 at RM 0.5 were greater than 200 col/100ml.		
Remarks			

Water Name	STILLAGUAMISH RIVER, N.F.		
Parameter	pH	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 #	WD98VG	Old Segment ID #	WA-05-1020
Stream Route #	0	Water Resource Inventory Area	5
Township	32N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	15	Grid Longitude	
Basis for Consideration of Listing	1 excursion beyond the criterion out of 12 samples (8%) at Ecology ambient monitoring station 05B070 (RM 9.5) between 9/91 and 9/96..		
Remarks	A single excursion beyond the criterion does not meet the Water Quality Program policy for listing.		

Water Name	STILLAGUAMISH RIVER, N.F.		
Parameter	Lead	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 #	WO38NV	Old Segment ID #	WA-05-1020
Stream Route #	22.084	Water Resource Inventory Area	5
Township	32N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	17	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, 1996. , 50% of samples collected between 1994 -1995 show excursions beyond the chronic criterion.;		
Remarks	A determination by Art Johnson (Department of Ecology) on 10/31/97 show the quality assurance plan is not adequate and the metals data are suspect. In addition, these data are for total recoverable metals (not stated in the report) and are not comparable to the water quality standards which specify criteria for dissolved metals (memorandum from Art Johnson to Steve Butkus and Will Kendra dated 4/24/98).		

Water Name	STILLAGUAMISH RIVER, N.F.		
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 #	WO38NV	Old Segment ID #	WA-05-1020
Stream Route #	47.792	Water Resource Inventory Area	5
Township	32N	Waterbody Grid #	
Range	09E	Grid Latitude	
Section	07	Grid Longitude	
Basis for Consideration of Listing	Stillaguamish Indian Tribal data (submitted by Don Klopfer on 8/4/95 and 11/14/95) show 1 excursions beyond the criterion at the Johnson Hatchery (RM30) on 1/20/94.		
Remarks	A single excursion beyond the criterion does not meet the Water Quality Program Policy for listing.		

Water Name	STILLAGUAMISH RIVER, N.F.		
Parameter	Copper	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 #	WO38NV	Old Segment ID #	WA-05-1020
Stream Route #	22.084	Water Resource Inventory Area	5
Township	32N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	17	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, 1996. , 25% of samples collected between 1994 -1995 show excursions beyond the chronic criterion .;		
Remarks	A determination by Art Johnson (Department of Ecology) on 10/31/97 show the quality assurance plan is not adequate and the metals data are suspect. In addition, these data are for total recoverable metals (not stated in the report) and are not comparable to the water quality standards which specify criteria for dissolved metals (memorandum from Art Johnson to Steve Butkus and Will Kendra dated 4/24/98).		

Water Name	STILLAGUAMISH RIVER, N.F.		
Parameter	Fecal Coliform	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 #	WO38NV	Old Segment ID #	WA-05-1020
Stream Route #	47.792	Water Resource Inventory Area	5
Township	32N	Waterbody Grid #	
Range	09E	Grid Latitude	
Section	07	Grid Longitude	
Basis for Consideration of Listing	Stillaguamish Tribal data (submitted by Don Klopfer on 10/29/97) show 1 excursion beyond the upper criterion on 9/17/97 at Whitehorse at Swede Haven Road on the North Fork Stillaguamish RM 30.		
Remarks	A single excursion beyond the criterion does not meet the Water Quality Program policy for listing.		

Water Name	STILLAGUAMISH RIVER, N.F.		
Parameter	Fecal Coliform	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 #	WO38NV	Old Segment ID #	WA-05-1020
Stream Route #	26.448	Water Resource Inventory Area	5
Township	32N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	10	Grid Longitude	
Basis for Consideration of Listing	Stillaguamish Tribal data (submitted by Don Klopfer on 10/29/97) show 2 excursions beyond the upper criterion on 5/14/96 and 9/17/97 at Whitman Bridge on Nork Fork Stillaguamish RM 17.6.		
Remarks			

Water Name	STILLAGUAMISH RIVER, S.F.		
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 #	SN06ZT	Old Segment ID #	WA-05-1040
Stream Route #	26.213	Water Resource Inventory Area	5
Township	30N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	07	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, 1996. , 2 excursions beyond criterion out of 10 samples (20%) at station SFGF between 1992 and 1997.		
Remarks			

Water Name	STILLAGUAMISH RIVER, S.F.		
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 #	SN06ZT	Old Segment ID #	WA-05-1050
Stream Route #	28.073	Water Resource Inventory Area	5
Township	30N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	08	Grid Longitude	
Basis for Consideration of Listing	Stillaguamish Tribal data (submitted by Don Klopfer on 10/29/97) show 2 excursions beyond the upper criterion between 1996 and 1997 at Jordan Road (South Fork Stillaguamish RM 35.5).		
Remarks			

Water Name	STILLAGUAMISH RIVER, S.F.		
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 #	SN06ZT	Old Segment ID #	WA-05-1040
Stream Route #	0	Water Resource Inventory Area	5
Township	31N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	02	Grid Longitude	
Basis for Consideration of Listing	3 excursions beyond the criterion out of 12 samples (25%) at Ecology ambient monitoring station 05A090 (RM 18.2) between 9/91 and 9/96..		
Remarks			

Water Name	STILLAGUAMISH RIVER, S.F.		
Parameter	pH	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	SN06ZT	Old Segment ID #	WA-05-1040
Stream Route #	0	Water Resource Inventory Area	5
Township	31N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	02	Grid Longitude	
Basis for Consideration of Listing	Two excursions beyond the criterion at Ecology ambient monitoring station 05A090 (RM 18.2)on 2/24/87 and 12/11/90.		
Remarks			

Water Name	STILLAGUAMISH RIVER, S.F.		
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 #	SN06ZT	Old Segment ID #	WA-05-1040
Stream Route #	0	Water Resource Inventory Area	5
Township	31N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	02	Grid Longitude	
Basis for Consideration of Listing	Two excursions beyond the criterion at Ecology ambient monitoring station 05A090 (RM 18.2) on 8/20/90 and 8/21/91.		
Remarks			

Water Name	STILLAGUAMISH RIVER, S.F.		
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 #	SN06ZT	Old Segment ID #	WA-05-1050
Stream Route #	26.213	Water Resource Inventory Area	5
Township	30N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	07	Grid Longitude	
Basis for Consideration of Listing	2 excursions beyond the criterion out of 12 samples (17%) at Ecology ambient monitoring station 05A110 (RM 34.6) between 9/91 and 9/96.		
Remarks			

Water Name	STILLAGUAMISH RIVER, S.F.		
Parameter	Dissolved Oxygen	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> No Action Needed TMDL
New Segment ID #	SN06ZT	Old Segment ID #	WA-05-1040
Stream Route #	26.213	Water Resource Inventory Area	5
Township	30N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	07	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, 1995. , 18% of samples show excursions beyond the criterion .;		
Remarks			

Water Name	STILLAGUAMISH RIVER, S.F.		
Parameter	Copper	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed None
New Segment ID #	SN06ZT	Old Segment ID #	WA-05-1040
Stream Route #	26.213	Water Resource Inventory Area	5
Township	30N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	07	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, 1996. , 33% of samples collected between 1994 -1995 show excursions beyond the chronic criterion .;		
Remarks	A determination by Art Johnson (Department of Ecology) on 10/31/97 show the quality assurance plan is not adequate and the metals data are suspect. In addition, these data are for total recoverable metals (not stated in the report) and are not comparable to the water quality standards which specify criteria for dissolved metals (memorandum from Art Johnson to Steve Butkus and Will Kendra dated 4/24/98).		

Water Name	STILLAGUAMISH RIVER, S.F.		
Parameter	Lead	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 #	SN06ZT	Old Segment ID #	WA-05-1040
Stream Route #	26.213	Water Resource Inventory Area	5
Township	30N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	07	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, 1996. , 75% of samples collected between 1994 -1995 show excursions beyond the chronic criterion.;		
Remarks	A determination by Art Johnson (Department of Ecology) on 10/31/97 show the quality assurance plan is not adequate and the metals data are suspect. In addition, these data are for total recoverable metals (not stated in the report) and are not comparable to the water quality standards which specify criteria for dissolved metals (memorandum from Art Johnson to Steve Butkus and Will Kendra dated 4/24/98).		

Water Name	SUNDAY LAKE		
Parameter	Total Phosphorus	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 #	350KXX	Old Segment ID #	WA-05-9160
Stream Route #		Water Resource Inventory Area	5
Township	32N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	26	Grid Longitude	
Basis for Consideration of Listing	Rector, 1996. , describes impairment of aesthetic uses (odor and excessive aquatic plants) and fisheries. The lake productivity is limited by nitrogen in the spring and phosphorus in the summer. The reference identifies nutrient sources from septic systems, lakeshore lawn fertilizing, logging and agricultural practices in the watershed.		
Remarks			

Water Name	SUNDAY LAKE		
Parameter	Total Nitrogen	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	350KXK	Old Segment ID #	WA-05-9160
Stream Route #		Water Resource Inventory Area	5
Township	32N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	26	Grid Longitude	
Basis for Consideration of Listing	Rector, 1996. , describes impairment of aesthetic uses (odor and excessive aquatic plants) and fisheries. The lake productivity is limited by nitrogen in the spring and phosphorus in the summer. The reference identifies nutrient sources from septic systems, lakeshore lawn fertilizing, logging and agricultural practices in the watershed.		
Remarks			

Water Name	TURLO CREEK		
Parameter	pH	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed None
New Segment ID #	JW96MO	Old Segment ID #	WA-05-1068
Stream Route #	0	Water Resource Inventory Area	5
Township	30N	Waterbody Grid #	
Range	08E	Grid Latitude	
Section	09	Grid Longitude	
Basis for Consideration of Listing	Stillaguamish Indian Tribal data (submitted by Don Klopfer on 8/4/95) show 2 excursions beyond the criterion on 1/19/94.		
Remarks	Multiple excursions beyond the criterion sampled within a 24-hour period are considered a single excursion per Water Quality Program Policy. A single excursion beyond the criterion does not meet the Water Quality Program Policy for listing.		

Water Name	UNNAMED CREEK WDF# 05.0456		
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 #	LU17DC	Old Segment ID #	None19
Stream Route #	0.025	Water Resource Inventory Area	5
Township	31N	Waterbody Grid #	
Range	03E	Grid Latitude	
Section	24	Grid Longitude	
Basis for Consideration of Listing	Stillaguamish Tribal data (submitted by Don Klopfer on 10/29/97) show 7 excursions beyond the upper criterion between 1996 and 1997 at 18316 Marine Drive on Unnamed Creek(WDF# 05.0456) RM 0.9.		
Remarks			