

Final 1998 Section 303(d) List - WRIA 7

Water Name	ALLEN CREEK		
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 #	YT94RF	Old Segment ID #	WA-07-1012
Stream Route #	0	Water Resource Inventory Area	7
Township	30N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	33	Grid Longitude	
Basis for Consideration of Listing	Cusimano, 1995. , 1 excursion beyond the criterion on 8/93 (geometric mean with sample size of two).		
Remarks	A single excursion beyond criterion does not meet the Water Quality Program policy for listing.		

Water Name	ALLEN 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 #	YT94RF	Old Segment ID #	WA-07-1012
Stream Route #	3.936	Water Resource Inventory Area	7
Township	30N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	22	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 52 of 60 single samples exceeding the criterion (both wet and dry season geometric mean excursions beyond the criterion for 1987, 1988, 1989 and 1990) at RM 3.3 between 8/87 and 11/90.		
Remarks			

Water Name	ALLEN 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 #	YT94RF	Old Segment ID #	WA-07-1012
Stream Route #	0	Water Resource Inventory Area	7
Township	30N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	33	Grid Longitude	
Basis for Consideration of Listing	Cusimano, 1995. , 2 excursions beyond the criterion on 8/16/93 and 8/17/93.		
Remarks			

Water Name	ALLEN CREEK		
Parameter	Lead	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed TMDL
New Segment ID #	QC54KA	Old Segment ID #	WA-07-1012
Stream Route #	1.975	Water Resource Inventory Area	7
Township	30N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	11	Grid Longitude	
Basis for Consideration of Listing	Thornburg, 1996. , 55% of samples collected between 1992 -1995 show excursions beyond the chronic criterion at station ACLU.		
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	ALLEN CREEK		
Parameter	Copper	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed TMDL
New Segment ID #	YT94RF	Old Segment ID #	WA-07-1012
Stream Route #	1.692	Water Resource Inventory Area	7
Township	30N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	28	Grid Longitude	
Basis for Consideration of Listing	Thornburg, 1996. . 15% of samples collected between 1992 -1995 show excursions beyond the chronic criterion at station ACLD;		
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	ALLEN CREEK		
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 #	QC54KA	Old Segment ID #	WA-07-1012
Stream Route #	1.975	Water Resource Inventory Area	7
Township	30N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	11	Grid Longitude	
Basis for Consideration of Listing	Thornburg, 1996. . 52% of samples collected between 1992 -1995 show excursions beyond criterion at station ACLU.		
Remarks			

Water Name	ALLEN CREEK		
Parameter	Dissolved Oxygen	Mediu	Water
Place on 1998 List?	<input checked="" type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> No Action Needed TMDL
New Segment ID #	YT94RF	Old Segment ID #	WA-07-1012
Stream Route #	1.692	Water Resource Inventory Area	7
Township	30N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	28	Grid Longitude	
Basis for Consideration of Listing	Thornburg, 1996. , 97% of samples collected between 1992 -1995 show excursions beyond criterion at station ACLD.		
Remarks			

Water Name	ALLEN 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 #	LE18DV	Old Segment ID #	WA-07-1012
Stream Route #	0	Water Resource Inventory Area	7
Township	30N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	11	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 54 of 60 single samples exceeding the criterion (both wet and dry season geometric mean excursions beyond the criterion for 1987, 1988, 1989 and 1990) at RM 4.8.		
Remarks			

Water Name	ALLEN 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 #	YT94RF	Old Segment ID #	WA-07-1012
Stream Route #	1.692	Water Resource Inventory Area	7
Township	30N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	28	Grid Longitude	
Basis for Consideration of Listing	Thornburg, 1996. , 27% of samples collected between 1992 -1995 show excursions beyond the upper criteria at station ACLD.		
Remarks			

Water Name	ALLEN CREEK		
Parameter	Lead	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed TMDL
New Segment ID #	YT94RF	Old Segment ID #	WA-07-1012
Stream Route #	1.692	Water Resource Inventory Area	7
Township	30N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	28	Grid Longitude	
Basis for Consideration of Listing	Thornburg, 1996. , 60% of samples collected between 1992 -1995 show excursions beyond the chronic criterion at station ACLD.		
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	ALLEN 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 #	QC54KA	Old Segment ID #	WA-07-1012
Stream Route #	1.975	Water Resource Inventory Area	7
Township	30N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	11	Grid Longitude	
Basis for Consideration of Listing	Thornburg, 1996. , 70% of samples collected between 1992 -1995 show excursions beyond the upper criteria at station ACLU.		
Remarks			

Water Name	AMES 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 #	ZJ12NY	Old Segment ID #	WA-07-1066
Stream Route #	0	Water Resource Inventory Area	7
Township	25N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	01	Grid Longitude	
Basis for Consideration of Listing	Joy, 1991. 5 of 5 single samples exceeding the criterion at N.E 100th Street bridge between 7/89 and 9/89.		
Remarks	TMDL submitted on 12/2/94. EPA approved TMDL on 7/3/96.		

Water Name	BLACKMANS LAKE		
Parameter	Fecal Coliform	Mediu	Water
Place on 1998 List?	<input checked="" type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> No Action Needed TMDL
New Segment ID #	010QMB	Old Segment ID #	WA-07-9060
Stream Route #		Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	07	Grid Longitude	
Basis for Consideration of Listing	Completed Phase I State Clean Lakes Restoration Project in 1994 : KCM, 1994. , study documented high fecal coliform numbers.		
Remarks			

Water Name	BLACKMANS 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 TMDL
New Segment ID #	010QMB	Old Segment ID #	WA-07-9060
Stream Route #		Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	07	Grid Longitude	
Basis for Consideration of Listing	Completed Phase I State Clean Lakes Restoration Project in 1994 : KCM, 1994. , study documented dense algal blooms, low dissolved oxygen in the hypolimnion, impaired fisheries and wildlife habitat, and high fecal coliform numbers. Storm water runoff contributes 55% of the phosphorus loading. Summertime, in-lake release of phosphorus from bottom sediments is a significant source. Watershed controls and in-lake alum treatments are recommended for a Phase II restoration project.		
Remarks			

Water Name	CHAIN LAKE		
Parameter	Mercury	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 #	049EPS	Old Segment ID #	WA-07-9160
Stream Route #		Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	24	Grid Longitude	
Basis for Consideration of Listing	One excursion beyond the chronic criterion at USEPA station 11F091 (adjacent to Main mine tailings pile) on 8/18/87.		
Remarks	A single excursion beyond the criterion does not violate the water quality standards.; The data downloaded from STORET were challenged as not meeting the quality assurance criteria of the Water Quality Program policy on listing. The listed STORET contact (Ray Peterson) was asked to verify that these criteria were met for the data used as a basis for listing. EPA did not verify that these data meet the quality assurance criteria. Therefore, these data from STORET should not be used as a basis for listing.		

Water Name	CHERRY 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 #	ZY34PY	Old Segment ID #	WA-07-1062
Stream Route #	0	Water Resource Inventory Area	7
Township	26N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	17	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 10 excursions beyond the criterion at RM 2.4, between 8/87 and 11/90.		
Remarks	These excursions beyond the criterion are a natural condition with no direct human caused influence due to adjacent bogs based on the 6/97 judgement of John Glynn (Dept. of Ecology).		

Water Name	CHERRY 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 #	NM94ZH	Old Segment ID #	WA-07-1062
Stream Route #	0	Water Resource Inventory Area	7
Township	26N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	06	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 50 of 58 single samples exceeding the criterion (both wet and dry season geometric mean excursions beyond the criterion for 1987, 1988, 1989, and 1990) at RM 0.5 between 8/87 and 11/90.		
Remarks	TMDL submitted on 12/2/94. EPA approved TMDL on 7/3/96.		

Water Name	CHERRY 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 #	ZY34PY	Old Segment ID #	WA-07-1062
Stream Route #	0	Water Resource Inventory Area	7
Township	26N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	17	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 8 of 59 single samples exceeding the criterion (wet season geometric mean excursion for 1987) at RM2.4, between 8/87 and 11/90.		
Remarks	TMDL submitted on 12/2/94. EPA approved TMDL on 7/3/96.		

Water Name	CHERRY 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 #	NM94ZH	Old Segment ID #	WA-07-1062
Stream Route #	0	Water Resource Inventory Area	7
Township	26N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	06	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 13 excursions beyond the criterion at RM 0.5 between 8/87 and 11/90.		
Remarks	These excursions beyond the criterion are a natural condition with no direct human caused influence due to adjacent bogs based on the 6/97 judgement of John Glynn (Dept. of Ecology).		

Water Name	CRABAPPLE LAKE		
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 #	113EYQ	Old Segment ID #	WA-07-9190
Stream Route #		Water Resource Inventory Area	7
Township	31N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	34	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	CRABAPPLE 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 #	113EYQ	Old Segment ID #	WA-07-9190
Stream Route #		Water Resource Inventory Area	7
Township	31N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	34	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	EBEY SLOUGH		
Parameter	Arsenic	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 #	PR16VH	Old Segment ID #	WA-07-1011
Stream Route #	0	Water Resource Inventory Area	7
Township	30N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	32	Grid Longitude	
Basis for Consideration of Listing	U.S. EPA, 1996. , Predictive modeling of groundwater leachate near the Tulalip Landfill Superfund Site show that concentrations are likely at levels that do not meet surface water quality standards.		
Remarks	<p>The information developed under CERCLA meet the four EPA requirements for excluding these waters from the list under federal regulations for "other pollution control requirements" under 40 CFR 130.7(b)(1) which are: (1) The Record of Decision, remedial investigation and feasibility study describe the controls relative to the problem, (2 and 3) a Cleanup Action Plan identifies the schedule of when controls are to be implemented, and (4) the compliance monitoring required to show cleanup effectiveness.;</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	EBEY SLOUGH		
Parameter	Water Column Bioassay	Mediu	Water
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 #	PR16VH	Old Segment ID #	WA-07-1011
Stream Route #	1.072	Water Resource Inventory Area	7
Township	30N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	33	Grid Longitude	
Basis for Consideration of Listing	Hoyle-Dodson, 1997: based on chronic fathead minnow bioassay a reasonable potential exists for chronic conditions in the receiving water.		
Remarks	The 1998 proposed list incorrectly identified the Snohomish River segment WA-07-1010. The cited reference relates to the Marysville discharge on Ebey Slough (WA-07-1011)		

Water Name	EBEY SLOUGH		
Parameter	Ammonia-N	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 #	PR16VH	Old Segment ID #	WA-07-1011
Stream Route #	0	Water Resource Inventory Area	7
Township	30N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	32	Grid Longitude	
Basis for Consideration of Listing	U.S. EPA, 1996. , Predictive modeling of groundwater leachate near the Tulalip Landfill Superfund Site show that concentrations are likely at levels that do not meet surface water quality standards.		
Remarks	The information developed under CERCLA meet the four EPA requirements for excluding these waters from the list under federal regulations for "other pollution control requirements" under 40 CFR 130.7(b)(1) which are: (1) The Record of Decision, remedial investigation and feasibility study describe the controls relative to the problem, (2 and 3) a Cleanup Action Plan identifies the schedule of when controls are to be implemented, and (4) the compliance monitoring required to show cleanup effectiveness.		

Water Name	EBEY SLOUGH		
Parameter	Dissolved Oxygen	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> No Action Needed <input type="checkbox"/> None
New Segment ID #	PR16VH	Old Segment ID #	WA-07-1011
Stream Route #	0	Water Resource Inventory Area	7
Township	30N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	32	Grid Longitude	
Basis for Consideration of Listing	Six excursions beyond the criterion at Ecology ambient monitoring station PSS020 between 1985 and 1987.		
Remarks	These excursions beyond the criterion are a natural condition no human caused influence due to stratification based on the 6/97 judgement of Jan Newton (Dept. of Ecology).		

Water Name	EBEY SLOUGH		
Parameter	pH	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 #	PR16VH	Old Segment ID #	WA-07-1011
Stream Route #	0	Water Resource Inventory Area	7
Township	30N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	32	Grid Longitude	
Basis for Consideration of Listing	Two excursions beyond the criterion at Ecology ambient monitoring station PSS020 on 5/11/87 and 10/12/87.		
Remarks			

Water Name	EBEY SLOUGH		
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 #	PR16VH	Old Segment ID #	WA-07-1011
Stream Route #	0	Water Resource Inventory Area	7
Township	30N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	32	Grid Longitude	
Basis for Consideration of Listing	4 excursions beyond the criterion at Ecology ambient monitoring station PSS020 between 1985 and 1987.		
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	EBEY SLOUGH		
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 #	PR16VH	Old Segment ID #	WA-07-1011
Stream Route #	0	Water Resource Inventory Area	7
Township	30N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	32	Grid Longitude	
Basis for Consideration of Listing	Three excursions beyond the criterion at Ecology ambient monitoring station PSS020 in 10/84, 7/85, and 5/86.		
Remarks			

Water Name	FRENCH 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 #	XZ24XU	Old Segment ID #	WA-07-1052
Stream Route #	1.974	Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	29	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 32 excursions beyond the criterion at RM 1.5 between 8/87 and 11/90.		
Remarks	These excursions beyond the criterion are a natural condition with no direct human caused influence due to adjacent bogs based on the 6/97 judgement of John Glynn (Dept. of Ecology).		

Water Name	FRENCH CREEK		
Parameter	Zinc	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed <input type="checkbox"/> TMDL
New Segment ID #	XZ24XU	Old Segment ID #	WA-07-1052
Stream Route #	6.452	Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	27	Grid Longitude	
Basis for Consideration of Listing	Thornburg, 1996. , 23% of samples collected between 1992 -1995 show excursions beyond the chronic criterion at station FCLD.		
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	FRENCH CREEK		
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 #	XZ24XU	Old Segment ID #	WA-07-1052
Stream Route #	6.452	Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	27	Grid Longitude	
Basis for Consideration of Listing	Thornburg, 1996. , 1 excursion beyond criterion out of 45 samples (2%) at station FCLD between 1992 and 1997.		
Remarks	A single excursion does not meet the Water Quality Program policy for listing.		

Water Name	FRENCH 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 #	XZ24XU	Old Segment ID #	WA-07-1052
Stream Route #	6.452	Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	27	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 8 excursions beyond the criterion at RM 4.75, between 8/87 and 11/90.		
Remarks	These excursions beyond the criterion are a natural condition with no direct human caused influence due to adjacent bogs based on the 6/97 judgement of John Glynn (Dept. of Ecology).		

Water Name	FRENCH CREEK		
Parameter	Lead	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed TMDL
New Segment ID #	XZ24XU	Old Segment ID #	WA-07-1052
Stream Route #	6.452	Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	27	Grid Longitude	
Basis for Consideration of Listing	Thornburg, 1996. . 46% of samples collected between 1992 -1995 show excursions beyond the chronic criterion at station FCLD.;		
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	FRENCH 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 #	XZ24XU	Old Segment ID #	WA-07-1052
Stream Route #	6.452	Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	27	Grid Longitude	
Basis for Consideration of Listing	Thornburg, 1996. . 50% of samples collected between 1992 -1995 show excursions beyond the upper criteria at station FCLD.;		
Remarks			

Water Name	FRENCH 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 #	XZ24XU	Old Segment ID #	WA-07-1052
Stream Route #	9.653	Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	23	Grid Longitude	
Basis for Consideration of Listing	Thornburg, 1996. , 36% of samples collected between 1992 -1995 show excursions beyond the upper criteria at station FCLU.;		
Remarks			

Water Name	FRENCH CREEK		
Parameter	Zinc	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed TMDL
New Segment ID #	XZ24XU	Old Segment ID #	WA-07-1052
Stream Route #	9.653	Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	23	Grid Longitude	
Basis for Consideration of Listing	Thornburg, 1996. , 12% of samples collected between 1992 -1995 show excursions beyond the chronic criterion at station FCLU.;		
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	FRENCH 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 #	XZ24XU	Old Segment ID #	WA-07-1052
Stream Route #	1.974	Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	29	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 64 of 77 single samples exceeding the criterion (both wet and dry season excursions beyond the criterion for 1987, 1988, 1989, and 1990) at RM 1.5 between 8/87 and 11/90.		
Remarks			

Water Name	FRENCH 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 #	XZ24XU	Old Segment ID #	WA-07-1052
Stream Route #	6.452	Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	27	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 14 excursions beyond the criterion at RM 4.75, between 8/87 and 11/90.		
Remarks			

Water Name	FRENCH 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 #	XZ24XU	Old Segment ID #	WA-07-1052
Stream Route #	0	Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	30	Grid Longitude	
Basis for Consideration of Listing	Cusimano, 1995. , 2 excursions beyond the criterion on 8/16/93 and 8/17/93.		
Remarks			

Water Name	FRENCH CREEK		
Parameter	Lead	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed TMDL
New Segment ID #	XZ24XU	Old Segment ID #	WA-07-1052
Stream Route #	9.653	Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	23	Grid Longitude	
Basis for Consideration of Listing	Thornburg, 1996. , 36% of samples collected between 1992 -1995 show excursions beyond the chronic criterion at station FCLU.;		
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	FRENCH CREEK		
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 #	XZ24XU	Old Segment ID #	WA-07-1052
Stream Route #	6.452	Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	27	Grid Longitude	
Basis for Consideration of Listing	Thornburg, 1996. , 17% of samples collected between 1992 -1995 show excursions beyond criterion at station FCLD.		
Remarks			

Water Name	FRENCH CREEK		
Parameter	Dissolved Oxygen	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input checked="" type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	XZ24XU	Old Segment ID #	WA-07-1052
Stream Route #	1.974	Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	29	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 67 excursions beyond the criterion at RM 1.5 between 8/87 and 11/90.		
Remarks			

Water Name	FRENCH 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 #	XZ24XU	Old Segment ID #	WA-07-1052
Stream Route #	6.452	Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	27	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 38 of 77 single samples exceeding the criterion (dry season geometric mean excursions beyond the criterion for 1987, 1988, and 1990) at RM 4.75, between 8/87 and 11/90.;		
Remarks			

Water Name	GOODWIN LAKE		
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 #	576OJP	Old Segment ID #	WA-07-9280
Stream Route #		Water Resource Inventory Area	7
Township	31N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	33	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	GOODWIN 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 #	576OJP	Old Segment ID #	WA-07-9280
Stream Route #		Water Resource Inventory Area	7
Township	31N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	33	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, low transparency, 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	GRIFFIN 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 #	PL42FN	Old Segment ID #	WA-07-1101
Stream Route #	0	Water Resource Inventory Area	7
Township	25N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	28	Grid Longitude	
Basis for Consideration of Listing	Joy, 1991. , 4 excursions beyond the criterion.		
Remarks	TMDL submitted on 12/2/94. EPA approved TMDL on 7/3/96.		

Water Name	KIMBALL 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 #	RB98TS	Old Segment ID #	WA-07-1108
Stream Route #	0	Water Resource Inventory Area	7
Township	24N	Waterbody Grid #	
Range	08E	Grid Latitude	
Section	30	Grid Longitude	
Basis for Consideration of Listing	Joy, 1991. , 4 of 4 single samples exceeding the criterion just upstream of Hwy. 202 bridge between 7/89 and 9/89.		
Remarks	TMDL submitted on 12/2/94. EPA approved TMDL on 7/3/96.		

Water Name	KIMBALL 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 #	RB98TS	Old Segment ID #	WA-07-1108
Stream Route #	0	Water Resource Inventory Area	7
Township	24N	Waterbody Grid #	
Range	08E	Grid Latitude	
Section	30	Grid Longitude	
Basis for Consideration of Listing	Lane, 1993. 3 excursions beyond the criterion out of 10 samples collected at RM 0.5 during 1991-1992.		
Remarks	TMDL submitted on 12/2/94. EPA approved TMDL on 7/3/96.		

Water Name	LOMA 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 #	732XDD	Old Segment ID #	WA-07-9440
Stream Route #		Water Resource Inventory Area	7
Township	31N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	35	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	LOMA 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 #	732XDD	Old Segment ID #	WA-07-9440
Stream Route #		Water Resource Inventory Area	7
Township	31N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	35	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	PATTERSON 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 #	UD50FI	Old Segment ID #	WA-07-1102
Stream Route #	0	Water Resource Inventory Area	7
Township	24N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	14	Grid Longitude	
Basis for Consideration of Listing	8 excursions beyond the criterion out of 12 samples (67%) at Ecology ambient monitoring station 07P070 between 9/91 and 9/96.		
Remarks	TMDL submitted on 12/2/94. EPA approved TMDL on 7/3/96.		

Water Name	PATTERSON 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 #	HI31XG	Old Segment ID #	WA-07-1102
Stream Route #	0	Water Resource Inventory Area	7
Township	24N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	04	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 43 of 56 single samples exceeding the criterion (wet season geometric mean excursions beyond the criterion for 1987,1988, and 1990; dry season geometric mean excursions beyond the criterion for 1987, 1988, 1989, and 1990) at RM 1.0 between 8/87and 11/90;		
Remarks	TMDL submitted on 12/2/94. EPA approved TMDL on 7/3/96.		

Water Name	PATTERSON 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 #	HI31XG	Old Segment ID #	WA-07-1102
Stream Route #	0	Water Resource Inventory Area	7
Township	24N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	04	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 2 excursions beyond the criterion at RM 1.0 between 8/87 and 11/90.		
Remarks	These excursions beyond the criterion are a natural condition with no direct human caused influence due to adjacent bogs based on the 6/97 judgement of John Glynn (Dept. of Ecology).		

Water Name	PATTERSON 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 #	HI31XG	Old Segment ID #	WA-07-1102
Stream Route #	0	Water Resource Inventory Area	7
Township	24N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	04	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 2 excursions beyond the criterion at RM 1.0 between 8/87 and 11/90.		
Remarks	TMDL submitted on 12/2/94. EPA approved TMDL on 7/3/96.		

Water Name	PATTERSON 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 #	TI36PU	Old Segment ID #	WA-07-1102
Stream Route #	0	Water Resource Inventory Area	7
Township	24N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	08	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 31 excursions beyond the criterion at RM 2.0, between 8/87 and 11/90.		
Remarks	TMDL submitted on 12/2/94. EPA approved TMDL on 7/3/96.		

Water Name	PATTERSON 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 #	TI36PU	Old Segment ID #	WA-07-1102
Stream Route #	0	Water Resource Inventory Area	7
Township	24N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	08	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 8 excursions beyond the criterion at RM 2.0, between 8/87 and 11/90.		
Remarks	These excursions beyond the criterion are a natural condition with no direct human caused influence due to adjacent bogs based on the 6/97 judgement of John Glynn (Dept. of Ecology).		

Water Name	PATTERSON 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 #	TI36PU	Old Segment ID #	WA-07-1102
Stream Route #	0	Water Resource Inventory Area	7
Township	24N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	08	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 6 of 56 single samples exceeding the criterion (wet season geometric mean excursion for 1987) at RM2.0, between 8/87and 11/90;		
Remarks	TMDL submitted on 12/2/94. EPA approved TMDL on 7/3/96.		

Water Name	PATTERSON 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 #	UD50FI	Old Segment ID #	WA-07-1102
Stream Route #	15.656	Water Resource Inventory Area	7
Township	25N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	11	Grid Longitude	
Basis for Consideration of Listing	Joy, 1991. , 3 of 4 single samples exceeding the criterion at RM 31.2 between 7/89 and 11/90.		
Remarks	TMDL submitted on 12/2/94. EPA approved TMDL on 7/3/96.		

Water Name	PILCHUCK 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 #	NF79WA	Old Segment ID #	WA-07-1030
Stream Route #	12.096	Water Resource Inventory Area	7
Township	29N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	21	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 10 excursions beyond the criterion at RM 8.8, between 8/87 and 11/90.		
Remarks	Since there are no known or probable pollution sources, these excursions beyond the criterion 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	PILCHUCK 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 #	NF79WA	Old Segment ID #	WA-07-1030
Stream Route #	1.643	Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	18	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 8 of 56 single samples exceeding the criterion (2 excursions beyond the criterion of 30-day geometric means) at RM 1.8 between 8/87 and 11/90.		
Remarks			

Water Name	PILCHUCK 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 #	NF79WA	Old Segment ID #	WA-07-1030
Stream Route #	12.096	Water Resource Inventory Area	7
Township	29N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	21	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 7 of 56 single samples exceeding the criterion (2 excursions beyond the criterion of 30-day geometric mean) at RM 8.8, between 8/87 and 11/90. .		
Remarks			

Water Name	PILCHUCK 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 #	NF79WA	Old Segment ID #	WA-07-1040
Stream Route #	1.643	Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	18	Grid Longitude	
Basis for Consideration of Listing	2 excursions beyond the criterion out of 10 samples (20%) at Ecology ambient monitoring station 07B055 (RM 1.9) between 9/91 and 9/96.		
Remarks			

Water Name	PILCHUCK RIVER		
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 #	NF79WA	Old Segment ID #	WA-07-1040
Stream Route #	14.184	Water Resource Inventory Area	7
Township	29N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	16	Grid Longitude	
Basis for Consideration of Listing	Sullivan, et al. 1990 , 21 excursions beyond the criterion measured at RM 9.5 during 1988.		
Remarks			

Water Name	PILCHUCK RIVER		
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 #	NF79WA	Old Segment ID #	WA-07-1030
Stream Route #	1.643	Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	18	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 4 excursions beyond the criterion at RM 1.8 between 8/87 and 11/90.		
Remarks	Since there are no known or probable pollution sources, these excursions beyond the criterion 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	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	Bis(2-ethylhexyl) Phthalate	Mediu	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-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	
Basis for Consideration of Listing	Station cluster (Port of Everett) exceeds sediment quality standards in 7/26/95 assessment.		
Remarks	The station cluster was not identified as a site when the confirmatory designation procedures for site identification required by the Sediment Management Standards (WAC 173-204-310(2)) were applied. As such, these stations are not in violation of the standards and should not be listed.		

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	Sediment Bioassay	Mediu	Sediment
Place on 1998 List?	<input checked="" type="checkbox"/> Yes	Listed in 1996	<input checked="" type="checkbox"/> Yes Action Needed <input type="checkbox"/> None
New Segment ID #	390KRD	Old Segment ID #	WA-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	122.215
Basis for Consideration of Listing	Evans-Hamilton, et al. 1987., sediment bioassay mortality.		
Remarks	The confirmatory designation procedures for site identification required by the Sediment Management Standards (WAC 173-204-310(2)) for marine waters 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 in marine waters has been completed. This information should not be used for listing the segment until the confirmed as sites according to the standards for marine waters.		

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	Zinc	Mediu	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-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	
Basis for Consideration of Listing	Station cluster (Port of Everett) exceeds sediment quality standards in 7/26/95 assessment.		
Remarks	The station cluster was not identified as a site when the confirmatory designation procedures for site identification required by the Sediment Management Standards (WAC 173-204-310(2)) were applied. As such, these stations are not in violation of the standards and should not be listed.		

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	Benzo(b,k)fluorathenes	Mediu	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-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	
Basis for Consideration of Listing	Station cluster (Port of Everett) exceeds sediment quality standards in 7/26/95 assessment.		
Remarks	The station cluster was not identified as a site when the confirmatory designation procedures for site identification required by the Sediment Management Standards (WAC 173-204-310(2)) were applied. As such, these stations are not in violation of the standards and should not be listed.		

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	Di-n-octyl Phthalate	Mediu	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-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	
Basis for Consideration of Listing	Station cluster (Port of Everett) exceeds sediment quality standards in 7/26/95 assessment.		
Remarks	The station cluster was not identified as a site when the confirmatory designation procedures for site identification required by the Sediment Management Standards (WAC 173-204-310(2)) were applied. As such, these stations are not in violation of the standards and should not be listed.		

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	2-Methylphenol	Mediu	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-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	
Basis for Consideration of Listing	Station cluster (Port of Everett) exceeds sediment quality standards in 7/26/95 assessment.		
Remarks	The station cluster was not identified as a site when the confirmatory designation procedures for site identification required by the Sediment Management Standards (WAC 173-204-310(2)) were applied. As such, these stations are not in violation of the standards and should not be listed.		

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	2,4-Dimethylphenol	Mediu	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-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	
Basis for Consideration of Listing	Station cluster (Port of Everett) exceeds sediment quality standards in 7/26/95 assessment.		
Remarks	The station cluster was not identified as a site when the confirmatory designation procedures for site identification required by the Sediment Management Standards (WAC 173-204-310(2)) were applied. As such, these stations are not in violation of the standards and should not be listed.		

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	Pentachlorophenol	Mediu	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-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	
Basis for Consideration of Listing	Station cluster (Port of Everett) exceeds sediment quality standards in 7/26/95 assessment.		
Remarks	The station cluster was not identified as a site when the confirmatory designation procedures for site identification required by the Sediment Management Standards (WAC 173-204-310(2)) were applied. As such, these stations are not in violation of the standards and should not be listed.		

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	Benzyl Alcohol	Mediu	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-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	
Basis for Consideration of Listing	Station cluster (Port of Everett) exceeds sediment quality standards in 7/26/95 assessment.		
Remarks	The station cluster was not identified as a site when the confirmatory designation procedures for site identification required by the Sediment Management Standards (WAC 173-204-310(2)) were applied. As such, these stations are not in violation of the standards and should not be listed.		

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	Benzo(a)pyrene	Mediu	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-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	
Basis for Consideration of Listing	Station cluster (Port of Everett) exceeds sediment quality standards in 7/26/95 assessment.		
Remarks	The station cluster was not identified as a site when the confirmatory designation procedures for site identification required by the Sediment Management Standards (WAC 173-204-310(2)) were applied. As such, these stations are not in violation of the standards and should not be listed.		

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	Total PCBs	Mediu	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-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	
Basis for Consideration of Listing	Station cluster (Port of Everett) exceeds sediment quality standards in 7/26/95 assessment.		
Remarks	The station cluster was not identified as a site when the confirmatory designation procedures for site identification required by the Sediment Management Standards (WAC 173-204-310(2)) were applied. As such, these stations are not in violation of the standards and should not be listed.		

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	Sediment Bioassay	Mediu	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-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	122.215
Basis for Consideration of Listing	PTI Environmental Services, 1988., sediment bioassay mortality.		
Remarks	The confirmatory designation procedures for site identification required by the Sediment Management Standards (WAC 173-204-310(2)) for marine waters 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 in marine waters has been completed. This information should not be used for listing the segment until the confirmed as sites according to the standards for marine waters.		

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	Phenol	Mediu	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-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	122.215
Basis for Consideration of Listing	Station cluster (Port of Everett) exceeds sediment quality standards in 7/26/95 assessment.		
Remarks	The station cluster was not identified as a site when the confirmatory designation procedures for site identification required by the Sediment Management Standards (WAC 173-204-310(2)) were applied. As such, these stations are not in violation of the standards and should not be listed.		

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	Acenaphthene	Mediu	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-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	
Basis for Consideration of Listing	Station cluster (Port of Everett) exceeds sediment quality standards in 7/26/95 assessment.		
Remarks	The station cluster was not identified as a site when the confirmatory designation procedures for site identification required by the Sediment Management Standards (WAC 173-204-310(2)) were applied. As such, these stations are not in violation of the standards and should not be listed.		

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	4-Methylphenol	Mediu	Sediment
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-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	122.215
Basis for Consideration of Listing	South East Waterway site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
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 #	390KRD	Old Segment ID #	WA-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	122.215
Basis for Consideration of Listing	<p>0 excursions beyond the criterion out of 8 samples (0%) at Ecology ambient monitoring station PSS008 between 9/91 and 9/96.</p> <p>Listed in 1996 on old segment WA-07-0010 based on based on 8 excursions beyond the criterion at Ecology ambient monitoring station PSS008 on between 1984 and 1987.</p> <p>Listed in 1996 on old segment WA-PS-0030 based on based on 8 excursions beyond the criterion at Ecology ambient monitoringstation PSS008 between 1984 and 1987.;</p>		
Remarks	The segment now meets water quality standards for fecal coliform.		

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
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 #	390KRD	Old Segment ID #	WA-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	122.215
Basis for Consideration of Listing	<p>0 excursions beyond the criterion out of 8 samples (0%) at Ecology ambient monitoring station PSS008 between 9/91 and 9/96.</p> <p>Listed in 1996 on old segment WA-07-0010 based on based on 2 excursions beyond the criterion at Ecology ambient monitoring station PSS008 on 9/9/86 and 10/12/87.</p> <p>Listed in 1996 on old segment WA-PS--0030 based on based on 2 excursions beyond the criterion at Ecology ambient monitoring station PSS008 on 9/9/86 and 10/12/87.</p>		
Remarks	The segment now meets water quality standards for pH.		

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	4-Methylphenol	Mediu	Sediment
Place on 1998 List?	<input checked="" type="checkbox"/> Yes	Listed in 1996	<input checked="" type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	390KRD	Old Segment ID #	WA-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	122.215
Basis for Consideration of Listing	North East Waterway site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	Benzo(ghi)perylene	Mediu	Sediment
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-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	122.215
Basis for Consideration of Listing	North East Waterway site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	Phenol	Mediu	Sediment
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-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	122.215
Basis for Consideration of Listing	North East Waterway site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	Fluorene	Mediu	Sediment
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-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	122.215
Basis for Consideration of Listing	North East Waterway site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	Benzo(a)pyrene	Mediu	Sediment
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-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	122.215
Basis for Consideration of Listing	North East Waterway site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	Chrysene	Mediu	Sediment
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-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	122.215
Basis for Consideration of Listing	North East Waterway site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	Phenanthrene	Mediu	Sediment
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-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	122.215
Basis for Consideration of Listing	North East Waterway site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	Fluoranthene	Mediu	Sediment
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-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	122.215
Basis for Consideration of Listing	North East Waterway site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	Naphthalene	Mediu	Sediment
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-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	122.215
Basis for Consideration of Listing	North East Waterway site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
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 #	390KRD	Old Segment ID #	WA-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	122.215
Basis for Consideration of Listing	<p>0 excursions beyond the criterion out of 8 samples (0%) at Ecology ambient monitoring station PSS008 between 9/91 and 9/96.</p> <p>Listed in 1996 on old segment WA-07-0010 based on 2 excursions beyond the criterion at Ecology ambient monitoring station PSS008 on 8/10/87 and 10/12/87.</p> <p>Listed in 1996 on old segment WA-PS-0030 based on 5 excursions beyond the criterion at Ecology ambient monitoring station PSS008 between 1986 and 1987.</p>		
Remarks	The segment now meets water quality standards for dissolved oxygen.		

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	2-Methylnaphthalene	Mediu	Sediment
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-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	122.215
Basis for Consideration of Listing	North East Waterway site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	Acenaphthene	Mediu	Sediment
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-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	122.215
Basis for Consideration of Listing	North East Waterway site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	2-Methylphenol	Mediu	Sediment
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-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	122.215
Basis for Consideration of Listing	South East Waterway site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	2,4-Dimethylphenol	Mediu	Sediment
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-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	122.215
Basis for Consideration of Listing	South East Waterway site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	Benzyl alcohol	Mediu	Sediment
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-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	122.215
Basis for Consideration of Listing	South East Waterway site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	Bis(2-ethylhexyl) phthalate	Mediu	Sediment
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-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	122.215
Basis for Consideration of Listing	South East Waterway site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	Phenol	Mediu	Sediment
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-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	122.215
Basis for Consideration of Listing	South East Waterway site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	Benzo(a)pyrene	Mediu	Sediment
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-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	122.215
Basis for Consideration of Listing	South East Waterway site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	Total PCBs	Mediu	Sediment
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-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	122.215
Basis for Consideration of Listing	South East Waterway site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	Zinc	Mediu	Sediment
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-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	122.215
Basis for Consideration of Listing	South East Waterway site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	Benzo(b,k)fluoranthenes	Mediu	Sediment
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-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	122.215
Basis for Consideration of Listing	South East Waterway site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	Di-n-octyl phthalate	Mediu	Sediment
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-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	122.215
Basis for Consideration of Listing	South East Waterway site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	Acenaphthene	Mediu	Sediment
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-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	122.215
Basis for Consideration of Listing	South East Waterway site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	Pentachlorophenol	Mediu	Sediment
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-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	122.215
Basis for Consideration of Listing	South East Waterway site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	PORT GARDNER AND INNER EVERETT HARBOR		
Parameter	Mercury	Mediu	Sediment
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-07-0010
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I1
Range		Grid Latitude	47.985
Section		Grid Longitude	122.215
Basis for Consideration of Listing	North East Waterway site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	POSSESSION SOUND (NORTH)		
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-0030
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	48122A3B0
Range		Grid Latitude	48.015
Section		Grid Longitude	122.305
Basis for Consideration of Listing	8 excursions beyond the criterion out of 45 samples (18%) at Ecology ambient monitoring station PSS019 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	POSSESSION SOUND (NORTH)		
Parameter	4-Methylphenol	Mediu	Sediment
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 #	390KRD	Old Segment ID #	WA-PS-0030
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2H4
Range		Grid Latitude	47.975
Section		Grid Longitude	122.245
Basis for Consideration of Listing	Station Cluster (Weyerhaeuser/Scott Deepwater Outfall) exceeds sediment quality standards in 7/26/95 assessment. A station cluster of potential concern at the Weyerhaeuser/Scott Deepwater Outfall was identified 12/4/92 based on exceedance of cleanup screening levels in sediment.		
Remarks	The station cluster was not identified as a site when the confirmatory designation procedures for site identification required by the Sediment Management Standards (WAC 173-204-310(2)) were applied. As such, these stations are not in violation of the standards and should not be listed.		

Water Name	POSSESSION SOUND (NORTH)		
Parameter	2-Methylnaphthalene	Mediu	Sediment
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-0030
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2H2
Range		Grid Latitude	47.975
Section		Grid Longitude	122.225
Basis for Consideration of Listing	South Terminal site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	POSSESSION SOUND (NORTH)		
Parameter	Phenol	Mediu	Sediment
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-0030
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2H2
Range		Grid Latitude	47.975
Section		Grid Longitude	122.225
Basis for Consideration of Listing	South Terminal site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	POSSESSION SOUND (NORTH)		
Parameter	4-Methylphenol	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-0030
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J3E1
Range		Grid Latitude	47.945
Section		Grid Longitude	122.315
Basis for Consideration of Listing	Station cluster of potential concern at the Mukilteo Shoreline Site identified 12/4/92 based on exceedance of cleanup screening levels in sediment.		
Remarks	Cabbage, 1995. = sediments at the station cluster of potential concern along the Mukilteo Shoreline meet sediment management standards.		

Water Name	POSSESSION SOUND (NORTH)		
Parameter	Copper	Mediu	Sediment
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-0030
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2H2
Range		Grid Latitude	47.975
Section		Grid Longitude	122.225
Basis for Consideration of Listing	South Terminal site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	POSSESSION SOUND (NORTH)		
Parameter	Naphthalene	Mediu	Sediment
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-0030
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2H2
Range		Grid Latitude	47.975
Section		Grid Longitude	122.225
Basis for Consideration of Listing	South Terminal site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	POSSESSION SOUND (NORTH)		
Parameter	Cadmium	Mediu	Sediment
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-0030
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2H2
Range		Grid Latitude	47.975
Section		Grid Longitude	122.225
Basis for Consideration of Listing	South Terminal site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	POSSESSION SOUND (NORTH)		
Parameter	4-Methylphenol	Mediu	Sediment
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-0030
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2H2
Range		Grid Latitude	47.975
Section		Grid Longitude	122.225
Basis for Consideration of Listing	South Terminal site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	POSSESSION SOUND (NORTH)		
Parameter	Mercury	Mediu	Sediment
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-0030
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2H2
Range		Grid Latitude	47.975
Section		Grid Longitude	122.225
Basis for Consideration of Listing	South Terminal site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	POSSESSION SOUND (NORTH)		
Parameter	Sediment Bioassay	Mediu	Sediment
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> No Action Needed Other Control
New Segment ID #	390KRD	Old Segment ID #	WA-PS-0030
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2H1
Range		Grid Latitude	47.975
Section		Grid Longitude	122.215
Basis for Consideration of Listing	Piers 1&3 site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	POSSESSION SOUND (NORTH)		
Parameter	Benzyl Alcohol	Mediu	Sediment
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-PS-0030
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2H2
Range		Grid Latitude	47.975
Section		Grid Longitude	122.225
Basis for Consideration of Listing	South Terminal site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	POSSESSION SOUND (NORTH)		
Parameter	Lead	Mediu	Sediment
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-0030
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2H2
Range		Grid Latitude	47.975
Section		Grid Longitude	122.225
Basis for Consideration of Listing	South Terminal site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	POSSESSION SOUND (NORTH)		
Parameter	Zinc	Mediu	Sediment
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-0030
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2H2
Range		Grid Latitude	47.975
Section		Grid Longitude	122.225
Basis for Consideration of Listing	South Terminal site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	POSSESSION SOUND (NORTH)		
Parameter	Fluorene	Mediu	Sediment
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-0030
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2H2
Range		Grid Latitude	47.975
Section		Grid Longitude	122.225
Basis for Consideration of Listing	South Terminal site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	POSSESSION SOUND (NORTH)		
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-PS-0030
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	48122A3B0
Range		Grid Latitude	48.015
Section		Grid Longitude	122.305
Basis for Consideration of Listing	10 excursions beyond the criterion out of 45 samples (22%) at Ecology ambient monitoring station PSS019 between 9/91 and 9/96.;		
Remarks	In the 1994 list decision matrix, these excursions beyond the criterion were considered a natural condition with no direct human caused influence based on the 4/92 judgement of Carol Jansen (Dept. of Ecology). Further review of these data by Jan Newton (Dept. of Ecology on 6/97 indicates that direct human caused sources are likely having an influence on the observed conditions. Low DO values were observed historically in Collias et al (1975) however the seasonal extent appears longer now.;		

Water Name	POSSESSION SOUND (NORTH)		
Parameter	pH	Medium	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-0030
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	48122A3B0
Range		Grid Latitude	48.015
Section		Grid Longitude	122.305
Basis for Consideration of Listing	2 excursions beyond the criterion out of 44 samples (5%) at Ecology ambient monitoring station PSS019 between 9/91 and 9/96.;		
Remarks	The information does not meet the Water Quality Program policy for listing this segment for this parameter. Mistakenly listed entered into 1996 list decision matrix based on station PSS008. This station is on the segment WA-07-0010 and does not represent conditions on segment WA-PS-0030.		

Water Name	POSSESSION SOUND (NORTH)		
Parameter	4-Methylphenol	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-PS-0030
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2I3
Range		Grid Latitude	47.985
Section		Grid Longitude	122.235
Basis for Consideration of Listing	Station cluster of potential concern at the South Jetty Island Site identified 12/4/92 based on exceedance of cleanup screening levels in sediment.		
Remarks	The station cluster was not identified as a site when the confirmatory designation procedures for site identification required by the Sediment Management Standards (WAC 173-204-310(2)) were applied. As such, these stations are not in violation of the standards and should not be listed.		

Water Name	POSSESSION SOUND (NORTH)		
Parameter	Phenanthrene	Mediu	Sediment
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed <input type="checkbox"/> None
New Segment ID #	390KRD	Old Segment ID #	WA-PS-0030
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2H2
Range		Grid Latitude	47.975
Section		Grid Longitude	122.225
Basis for Consideration of Listing	Station Cluster (South Terminal/Everett Shoreline) exceeds sediment quality standards in 9/14/95 assessment.		
Remarks	This parameter in the station cluster was not identified in the site when the confirmatory designation procedures for site identification required by the Sediment Management Standards (WAC 173-204-310(2)) were applied. As such, the site is not in violation of the standards for this parameter and should not be listed for this parameter.		

Water Name	POSSESSION SOUND (NORTH)		
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-0030
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	48122A3B0
Range		Grid Latitude	48.015
Section		Grid Longitude	122.305
Basis for Consideration of Listing	3 excursions beyond the criterion out of 42 samples (7%) at Ecology ambient monitoring station PSS019 between 9/91 and 9/96.;		
Remarks	The information does not meet the Water Quality Program policy for listing this segment for this parameter. Mistakenly listed entered into 1996 list decision matrix based on station PSS008. This station is on the segment WA-07-0010 and does not represent conditions on segment WA-PS-0030.		

Water Name	POSSESSION SOUND (NORTH)		
Parameter	Bis(2-ethylhexyl) phthalate	Mediu	Sediment
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-0030
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2H2
Range		Grid Latitude	47.975
Section		Grid Longitude	122.225
Basis for Consideration of Listing	South Terminal site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	POSSESSION SOUND (NORTH)		
Parameter	2-Methylphenol	Mediu	Sediment
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-0030
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2H2
Range		Grid Latitude	47.975
Section		Grid Longitude	122.225
Basis for Consideration of Listing	South Terminal site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	POSSESSION SOUND (NORTH)		
Parameter	Sediment Bioassay	Mediu	Sediment
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> No Action Needed Other Control
New Segment ID #	390KRD	Old Segment ID #	WA-PS-0030
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2F9
Range		Grid Latitude	47.955
Section		Grid Longitude	122.295
Basis for Consideration of Listing	Mukilteo site exceeds sediment bioassay standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	POSSESSION SOUND (NORTH)		
Parameter	Acenaphthene	Mediu	Sediment
Place on 1998 List?	<input checked="" type="checkbox"/> Yes	Listed in 1996	<input checked="" type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	390KRD	Old Segment ID #	WA-PS-0030
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2H2
Range		Grid Latitude	47.975
Section		Grid Longitude	122.225
Basis for Consideration of Listing	South Terminal site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	POSSESSION SOUND (NORTH)		
Parameter	Dibenzofuran	Mediu	Sediment
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-0030
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2H2
Range		Grid Latitude	47.975
Section		Grid Longitude	122.225
Basis for Consideration of Listing	South Terminal site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	POSSESSION SOUND (NORTH)		
Parameter	Benzoic Acid	Mediu	Sediment
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-PS-0030
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2H2
Range		Grid Latitude	47.975
Section		Grid Longitude	122.225
Basis for Consideration of Listing	South Terminal site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	POSSESSION SOUND (NORTH)		
Parameter	Arsenic	Mediu	Sediment
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-0030
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2H2
Range		Grid Latitude	47.975
Section		Grid Longitude	122.225
Basis for Consideration of Listing	South Terminal site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	POSSESSION SOUND (NORTH)		
Parameter	2,4-Dimethylphenol	Mediu	Sediment
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-0030
Stream Route #		Water Resource Inventory Area	7
Township		Waterbody Grid #	47122J2H2
Range		Grid Latitude	47.975
Section		Grid Longitude	122.225
Basis for Consideration of Listing	South Terminal site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	QUILCEDA CREEK		
Parameter	Lead	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed TMDL
New Segment ID #	MM28XN	Old Segment ID #	WA-07-1015
Stream Route #	3.996	Water Resource Inventory Area	7
Township	31N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	27	Grid Longitude	
Basis for Consideration of Listing	Thornburg, 1996. . 56% of samples collected between 1992 -1995 show excursions beyond the chronic criterion at station QCLU.		
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	QUILCEDA CREEK		
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 #	MM28XN	Old Segment ID #	WA-07-1015
Stream Route #	3.996	Water Resource Inventory Area	7
Township	31N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	27	Grid Longitude	
Basis for Consideration of Listing	Thornburg, 1996. . 17% of samples collected between 1992 -1995 show excursions beyond criterion at station QCLU.		
Remarks			

Water Name	QUILCEDA 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 #	SR79YG	Old Segment ID #	WA-07-1015
Stream Route #	0	Water Resource Inventory Area	7
Township	31N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	34	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 7 excursions beyond the criterion at Middle Fork RM 2.0, between 8/87 and 11/90.		
Remarks			

Water Name	QUILCEDA 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 #	LY43NC	Old Segment ID #	WA-07-1015
Stream Route #	1.337	Water Resource Inventory Area	7
Township	31N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	29	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991 , 24 excursions beyond the criterion at West Fork RM 4.0 between 8/87 and 11/90.		
Remarks	These excursions beyond the criterion are a natural condition with no direct human caused influence due to dystrophic wetlands, bogs and tannins based on the 6/97 judgement of John Glynn (Dept. of Ecology).		

Water Name	QUILCEDA 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 #	SR79YG	Old Segment ID #	WA-07-1015
Stream Route #	1.713	Water Resource Inventory Area	7
Township	31N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	35	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 24 of 78 single samples exceeding the criterion (dry season geometric mean excursions beyond the criterion for 1987, 1988, and 1990) at Middle Fork RM 3.3		
Remarks			

Water Name	QUILCEDA CREEK		
Parameter	Lead	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed TMDL
New Segment ID #	TH58TS	Old Segment ID #	WA-07-1015
Stream Route #	6.066	Water Resource Inventory Area	7
Township	30N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	16	Grid Longitude	
Basis for Consideration of Listing	Thornburg, 1996. , 54% of samples collected between 1992 -1995 show excursions beyond the chronic criterion at station QCLD.		
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	QUILCEDA CREEK		
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 #	TH58TS	Old Segment ID #	WA-07-1015
Stream Route #	0.858	Water Resource Inventory Area	7
Township	30N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	29	Grid Longitude	
Basis for Consideration of Listing	Cusimano, 1995. , 1 excursion beyond the criterion on 8/93 (geometric mean with sample size of two).		
Remarks	A single excursion beyond the criterion does not meet the Water Quality Program policy for listing.		

Water Name	QUILCEDA 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 #	MM28XN	Old Segment ID #	WA-07-1015
Stream Route #	3.996	Water Resource Inventory Area	7
Township	31N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	27	Grid Longitude	
Basis for Consideration of Listing	Thornburg, 1996. , 39% of samples collected between 1992 -1995 show excursions beyond the upper criteria at station QCLU.		
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	QUILCEDA CREEK		
Parameter	Copper	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed TMDL
New Segment ID #	MM28XN	Old Segment ID #	WA-07-1015
Stream Route #	3.996	Water Resource Inventory Area	7
Township	31N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	27	Grid Longitude	
Basis for Consideration of Listing	Thornburg, 1996. . 15% of samples collected between 1992 -1995 show excursions beyond the chronic criterion at station QCLU.;		
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	QUILCEDA CREEK		
Parameter	Zinc	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed TMDL
New Segment ID #	MM28XN	Old Segment ID #	WA-07-1015
Stream Route #	3.996	Water Resource Inventory Area	7
Township	31N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	27	Grid Longitude	
Basis for Consideration of Listing	Thornburg, 1996. . 12% of samples collected between 1992 -1995 show excursions beyond the chronic criterion at station QCLU.;		
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	QUILCEDA 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 #	LY43NC	Old Segment ID #	WA-07-1015
Stream Route #	1.337	Water Resource Inventory Area	7
Township	31N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	29	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 13 excursions beyond the criterion at West Fork RM 4.0 between 8/87 and 11/90.		
Remarks			

Water Name	QUILCEDA 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 #	SR79YG	Old Segment ID #	WA-07-1015
Stream Route #	0	Water Resource Inventory Area	7
Township	31N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	34	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 39 of 65 single samples exceeding the criterion (wet season geometric mean excursions beyond the criterion for 1987 and 1988; dry season geometric mean excursions beyond the criterion for 1987, 1988, 1989, and 1990) at Middle Fork RM 2.0		
Remarks			

Water Name	QUILCEDA 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 #	TH58TS	Old Segment ID #	WA-07-1015
Stream Route #	0.858	Water Resource Inventory Area	7
Township	30N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	29	Grid Longitude	
Basis for Consideration of Listing	Cusimano, 1995. , 2 excursions beyond the criterion on 8/16/93 and 8/17/93.		
Remarks			

Water Name	RAGING RIVER		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed None
New Segment ID #	GU12TT	Old Segment ID #	WA-07-1104
Stream Route #	0.608	Water Resource Inventory Area	7
Township	24N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	15	Grid Longitude	
Basis for Consideration of Listing	One excursion beyond the criterion at Ecology ambient monitoring station 07Q070 on 8/17/92.		
Remarks	A single excursion beyond the criterion does not meet the Water Quality Program Policy for listing.		

Water Name	RAGING RIVER		
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 #	GU12TT	Old Segment ID #	WA-07-1104
Stream Route #	0.608	Water Resource Inventory Area	7
Township	24N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	15	Grid Longitude	
Basis for Consideration of Listing	2 excursions beyond the criterion out of 11 samples (18%) at Ecology ambient monitoring station 07Q070 between 9/91 and 9/96;		
Remarks	TMDL submitted on 12/2/94. EPA approved TMDL on 7/3/96.		

Water Name	RAGING RIVER		
Parameter	pH	Mediu	Water
Place on 1998 List?	<input checked="" type="checkbox"/> Yes	Listed in 1996	<input checked="" type="checkbox"/> Yes Action Needed <input type="checkbox"/> None
New Segment ID #	GU12TT	Old Segment ID #	WA-07-1104
Stream Route #	0.608	Water Resource Inventory Area	7
Township	24N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	15	Grid Longitude	
Basis for Consideration of Listing	2 excursions beyond the criterion out of 12 samples (17%) at Ecology ambient monitoring station 07Q070 between 9/91 and 9/96;		
Remarks	In the 1996 list decision matrix, Brad Hopkins (Dept. of Ecology) on 4/95 indicated that direct human caused sources are likely having an influence on the observed excursions. Further review of these data by John Glynn (Dept. of Ecology -6/97 judgement) could not determine what the probable pollution sources (the watershed has no significant human impacts) could be for these excursions beyond the criterion and therefore are considered natural condition with no direct human caused influence.		

Water Name	ROESIGER (NORTH ARM) 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 #	086KWB	Old Segment ID #	WA-07-9630
Stream Route #		Water Resource Inventory Area	7
Township	29N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	21	Grid Longitude	
Basis for Consideration of Listing	Completed Phase I State Clean Lakes Restoration Project in 1990 - Problems Encountered: Blue-green algae, hypolimnetic anoxia, tributary nutrient inputs, low buffering capacity. KCM, 1989.		
Remarks	<p>Water Segment Number 086KWB includes both the North Arm (Old ID # WA-07-9630) and the South Arm (Old ID # WA-07-9640).</p> <p>Active Phase II State Clean Lakes Restoration Project: Control measures underway based on Phase I study -sediment removal/dredging (limited), watershed nutrient management (timber harvesting, septic system management), public education. Implementation of control measures will be required to be completed by 1997 under the conditions of the grant. Monitoring is being conducted under Ecology's Lake Water Quality Assessment Program. The above information meets EPA guidance for excluding the lake from the list under federal regulation 40 CFR130.7(b)(1)(iii).</p>		

Water Name	SHOECRAFT 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 #	471OUJ	Old Segment ID #	WA-07-9680
Stream Route #		Water Resource Inventory Area	7
Township	31N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	33	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	SHOECRAFT 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 #	471OUJ	Old Segment ID #	WA-07-9680
Stream Route #		Water Resource Inventory Area	7
Township	31N	Waterbody Grid #	
Range	04E	Grid Latitude	
Section	33	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	SKYKOMISH RIVER		
Parameter	Temperature	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 #	AO37WJ	Old Segment ID #	WA-07-1160
Stream Route #	7.898	Water Resource Inventory Area	7
Township	27N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	06	Grid Longitude	
Basis for Consideration of Listing	2 excursions beyond the criterion out of 23 samples (9%) at Ecology ambient monitoring station 07C070 (RM 25.6) between 9/91 and 9/96;		
Remarks	The information does not meet the Water Quality Program policy for listing this segment for this parameter.		

Water Name	SKYKOMISH 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 #	AO37WJ	Old Segment ID #	WA-07-1160
Stream Route #	7.898	Water Resource Inventory Area	7
Township	27N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	06	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 9 excursions beyond the criterion at RM25.7 between 8/87 and 11/90.		
Remarks	Since there are no known or probable pollution sources, these excursions beyond the criterion are a natural condition with no direct human caused influence based on the 6/97 judgement of John Glynn (Dept. of Ecology).		

Water Name	SKYKOMISH 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 #	AO37WJ	Old Segment ID #	WA-07-1190
Stream Route #	22.816	Water Resource Inventory Area	7
Township	27N	Waterbody Grid #	
Range	08E	Grid Latitude	
Section	05	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 14 excursions beyond the criterion at RM 34.7 between 8/87 and 11/90.		
Remarks	Since there are no known or probable pollution sources, these excursions beyond the criterion 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	SKYKOMISH 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 #	AO37WJ	Old Segment ID #	WA-07-1160
Stream Route #	7.898	Water Resource Inventory Area	7
Township	27N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	06	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 7 of 57 single samples exceeding the criterion (dry season geometric mean excursion for 1987) at RM25.7.		
Remarks			

Water Name	SKYKOMISH RIVER		
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 #	AO37WJ	Old Segment ID #	WA-07-1200
Stream Route #	37.278	Water Resource Inventory Area	7
Township	27N	Waterbody Grid #	
Range	09E	Grid Latitude	
Section	09	Grid Longitude	
Basis for Consideration of Listing	2 excursions beyond the criterion out of 12 samples (17%) at Ecology ambient monitoring station 07C120 (RM 43.7) between 9/91 and 9/96..		
Remarks			

Water Name	SKYKOMISH RIVER		
Parameter	Fecal Coliform	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed <input type="checkbox"/> None
New Segment ID #	AO37WJ	Old Segment ID #	WA-07-1200
Stream Route #	37.278	Water Resource Inventory Area	7
Township	27N	Waterbody Grid #	
Range	09E	Grid Latitude	
Section	09	Grid Longitude	
Basis for Consideration of Listing	2 excursions beyond the upper criterion at Ecology ambient monitoring station 07C120 (RM 43.7) on 10/21/91 and 11/11/91.		
Remarks			

Water Name	SKYKOMISH 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 #	AO37WJ	Old Segment ID #	WA-07-1200
Stream Route #	37.278	Water Resource Inventory Area	7
Township	27N	Waterbody Grid #	
Range	09E	Grid Latitude	
Section	09	Grid Longitude	
Basis for Consideration of Listing	One excursion beyond the criterion at Ecology ambient monitoring station 07C120 (RM 43.7) on 12/14/87.		
Remarks	A single excursion beyond the criterion does not meet the Water Quality Program Policy for listing.		

Water Name	SKYKOMISH RIVER		
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 #	AO37WJ	Old Segment ID #	WA-07-1160
Stream Route #	7.898	Water Resource Inventory Area	7
Township	27N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	06	Grid Longitude	
Basis for Consideration of Listing	One excursion beyond the criterion at Ecology ambient monitoring station 07C070 (RM 25.6) in 9/93		
Remarks	A single excursion beyond the criterion does not meet the Water Quality Program policy for listing		

Water Name	SKYKOMISH RIVER		
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 #	AO37WJ	Old Segment ID #	WA-07-1200
Stream Route #	37.278	Water Resource Inventory Area	7
Township	27N	Waterbody Grid #	
Range	09E	Grid Latitude	
Section	09	Grid Longitude	
Basis for Consideration of Listing	One excursion beyond the criterion at Ecology ambient monitoring station 07C120 (RM 43.7) on 7/20/87.		
Remarks	A single excursion beyond the criterion does not meet the Water Quality Program Policy for listing.		

Water Name SKYKOMISH RIVER

Parameter Copper **Mediu** Water

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

New Segment ID # AO37WJ **Old Segment ID #** WA-07-1160

Stream Route # 5.546 **Water Resource Inventory Area** 7

Township 27N **Waterbody Grid #**

Range 06E **Grid Latitude**

Section 12 **Grid Longitude**

Basis for Consideration of Listing
Golding, 1996: The copper criterion is exceeded at the acute mixing zone boundary of the Monroe WWTP Discharge.

Remarks

Water Name SKYKOMISH RIVER

Parameter Silver **Mediu** Water

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

New Segment ID # AO37WJ **Old Segment ID #** WA-07-1160

Stream Route # 5.546 **Water Resource Inventory Area** 7

Township 27N **Waterbody Grid #**

Range 06E **Grid Latitude**

Section 12 **Grid Longitude**

Basis for Consideration of Listing
Golding, 1996: The silver criterion is exceeded at the acute mixing zone boundary of the Monroe WWTP Discharge.

Remarks

Water Name	SKYKOMISH RIVER		
Parameter	Lead	Mediu	Water
Place on 1998 List?	<input checked="" type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> No Action Needed TMDL
New Segment ID #	AO37WJ	Old Segment ID #	WA-07-1160
Stream Route #	5.546	Water Resource Inventory Area	7
Township	27N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	12	Grid Longitude	
Basis for Consideration of Listing	Golding, 1996: The lead criterion is exceeded at the chronic mixing zone boundary of the Monroe WWTP Discharge.		
Remarks			

Water Name	SNOHOMISH RIVER		
Parameter	Copper	Mediu	Water
Place on 1998 List?	<input checked="" type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> No Action Needed None
New Segment ID #	JX500E	Old Segment ID #	WA-07-1020
Stream Route #	14.013	Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	18	Grid Longitude	
Basis for Consideration of Listing	Data collected at Ecology ambient monitoring station 07A090 (RM 12.7) shown numerous excursions beyond the criterion of dissolved samples between 1982 and 1984.		
Remarks	These excursions beyond the criterion are a natural condition with no direct human caused influence due to the geology of the upstream Cascade Mountains based on the 6/97 judgement of John Glynn (Dept. of Ecology).		

Water Name	SNOHOMISH RIVER		
Parameter	Mercury	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 #	JX500E	Old Segment ID #	WA-07-1020
Stream Route #	14.013	Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	18	Grid Longitude	
Basis for Consideration of Listing	<p>Data collected at Ecology ambient monitoring station 07A090 (RM 12.7) show numerous excursions beyond the criterion of between 1982 and 1984. (these data are likely unreliable due to high detection limits per Dave Hallock memo dated 10/31/97).</p> <p>No excursions beyond the chronic criterion out of 24 samples at Ecology ambient monitoring station 07A090 (RM 12.7) between 10/90 and 9/97.</p>		
Remarks	<p>The older data for which the segment was proposed are likely unreliable due to high detection limits (per Dave Hallock memo dated 10/31/97). New data show that standards are being met.</p>		

Water Name	SNOHOMISH RIVER		
Parameter	Temperature	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 #	JX500E	Old Segment ID #	WA-07-1020
Stream Route #	14.013	Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	18	Grid Longitude	
Basis for Consideration of Listing	<p>Thornburgh, et al. 1991. , 2 excursions beyond the criterion at RM13.0 between 8/87 and 11/90</p>		
Remarks			

Water Name	SNOHOMISH 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 #	JX500E	Old Segment ID #	WA-07-1020
Stream Route #	14.013	Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	18	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 19 excursions beyond the criterion at RM 13.0 between 8/87 and 11/90.		
Remarks	Since there are no known or probable pollution sources, these excursions beyond the criterion 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	SNOHOMISH 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 #	JX500E	Old Segment ID #	WA-07-1020
Stream Route #	14.013	Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	18	Grid Longitude	
Basis for Consideration of Listing	3 excursions beyond the criterion out of 33 samples (9%) at Ecology ambient monitoring station 07A090 (RM 12.7) between 9/91 and 9/96.		
Remarks			

Water Name	SNOHOMISH 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 #	JX500E	Old Segment ID #	WA-07-1020
Stream Route #	14.013	Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	18	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 39 of 80 single samples exceeding the criterion (wet season geometric mean excursion for 1989) at RM13.0 between 8/87 and 11/90.		
Remarks			

Water Name	SNOHOMISH RIVER		
Parameter	Acenaphthene	Mediu	Sediment
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	YS20QN	Old Segment ID #	WA-07-1010
Stream Route #	2.408	Water Resource Inventory Area	7
Township	29N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	16	Grid Longitude	
Basis for Consideration of Listing	Mill E/Koppers site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
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	SNOHOMISH 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 #	JX500E	Old Segment ID #	WA-07-1050
Stream Route #	20.065	Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	32	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 8 excursions beyond the criterion at RM16.5 between 8/87 and 11/90.		
Remarks	Since there are no known or probable pollution sources, these excursions beyond the criterion 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	SNOHOMISH 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 #	JX500E	Old Segment ID #	WA-07-1050
Stream Route #	20.065	Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	32	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 26 of 70 single samples exceeding the criterion (wet season geometric mean excursion for 1989) at RM16.5 between 8/87 and 11/90.		
Remarks			

Water Name	SNOHOMISH RIVER		
Parameter	Copper	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> No Action Needed <input type="checkbox"/> None
New Segment ID #	JX500E	Old Segment ID #	WA-07-1050
Stream Route #	25.487	Water Resource Inventory Area	7
Township	27N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	16	Grid Longitude	
Basis for Consideration of Listing	Four excursions beyond the criterion from USGS/Ecology ambient monitoring station 07A111 based on the dissolved fraction out of 8 samples in the historic record.		
Remarks	These excursions beyond the criterion are a natural condition with no direct human caused influence due to the geology of the upstream Cascade Mountains based on the 6/97 judgement of John Glynn (Dept. of Ecology).		

Water Name	SNOHOMISH RIVER		
Parameter	Mercury	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> No Action Needed <input type="checkbox"/> None
New Segment ID #	JX500E	Old Segment ID #	WA-07-1050
Stream Route #	25.487	Water Resource Inventory Area	7
Township	27N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	16	Grid Longitude	
Basis for Consideration of Listing	Four excursions beyond the criterion at USGS/Ecology ambient monitoring station 07A111 based on the dissolved fraction out of 8 samples in the historic record.		
Remarks	These excursions beyond the criterion are a natural condition with no direct human caused influence due to the geology of the upstream Cascade Mountains based on the 6/97 judgement of John Glynn (Dept. of Ecology).		

Water Name	SNOHOMISH RIVER		
Parameter	Dioxin	Mediu	Tissue
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed <input type="checkbox"/> None
New Segment ID #	SU28KJ	Old Segment ID #	WA-07-1010
Stream Route #	0	Water Resource Inventory Area	7
Township	29N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	05	Grid Longitude	
Basis for Consideration of Listing	EPA National Bioaccumulation Survey , excursions beyond the criterion in samples of flounder tissue collected from Steamboat Slough.		
Remarks	TMDL based on permit for Weyerhaeuser Everett Kraft Mill submitted 3/9/92. EPA approved the TMDL on 9/4/92.		

Water Name	SNOHOMISH 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 #	YS20QN	Old Segment ID #	WA-07-1050
Stream Route #	2.408	Water Resource Inventory Area	7
Township	29N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	16	Grid Longitude	
Basis for Consideration of Listing	Unpublished data collected by Snohomish County (submitted by Kathy Thornburgh on 10/27/97) show that the criterion was exceeded 38% of the days between 5/95 and 9/95 about 2 river miles downstream of the Highway 2 bridge.		
Remarks			

Water Name	SNOHOMISH RIVER		
Parameter	Copper	Mediu	Sediment
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	YS20QN	Old Segment ID #	WA-07-1010
Stream Route #	2.408	Water Resource Inventory Area	7
Township	29N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	16	Grid Longitude	
Basis for Consideration of Listing	Mill E/Koppers site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	SNOHOMISH RIVER		
Parameter	2-Methylnaphthalene	Mediu	Sediment
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	YS20QN	Old Segment ID #	WA-07-1010
Stream Route #	2.408	Water Resource Inventory Area	7
Township	29N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	16	Grid Longitude	
Basis for Consideration of Listing	Mill E/Koppers site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	SNOHOMISH RIVER		
Parameter	Naphthalene	Mediu	Sediment
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	YS20QN	Old Segment ID #	WA-07-1010
Stream Route #	2.408	Water Resource Inventory Area	7
Township	29N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	16	Grid Longitude	
Basis for Consideration of Listing	Mill E/Koppers site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	SNOHOMISH RIVER		
Parameter	Phenanthrene	Mediu	Sediment
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	YS20QN	Old Segment ID #	WA-07-1010
Stream Route #	2.408	Water Resource Inventory Area	7
Township	29N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	16	Grid Longitude	
Basis for Consideration of Listing	Mill E/Koppers site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	SNOHOMISH RIVER		
Parameter	Dibenzofuran	Mediu	Sediment
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	YS20QN	Old Segment ID #	WA-07-1010
Stream Route #	2.408	Water Resource Inventory Area	7
Township	29N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	16	Grid Longitude	
Basis for Consideration of Listing	Mill E/Koppers site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	SNOHOMISH RIVER		
Parameter	Arsenic	Mediu	Sediment
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	YS20QN	Old Segment ID #	WA-07-1010
Stream Route #	2.408	Water Resource Inventory Area	7
Township	29N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	16	Grid Longitude	
Basis for Consideration of Listing	Mill E/Koppers site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	SNOHOMISH RIVER		
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 #	YS20QN	Old Segment ID #	WA-07-1050
Stream Route #	0	Water Resource Inventory Area	7
Township	29N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	08	Grid Longitude	
Basis for Consideration of Listing	Unpublished data collected by Snohomish County (submitted by Kathy Thornburgh on 10/27/97) show that the criterion was exceeded 43% of the days between 5/95 and 9/95 at the pumping station just upstream of the mouth.		
Remarks			

Water Name	SNOHOMISH RIVER		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed None
New Segment ID #	YS20QN	Old Segment ID #	WA-07-1010
Stream Route #	0	Water Resource Inventory Area	7
Township	29N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	08	Grid Longitude	
Basis for Consideration of Listing	Five excursions beyond the criterion at Ecology ambient monitoring station PSS015 on between 1985 and 1987.		
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	SNOHOMISH RIVER		
Parameter	Fluorene	Mediu	Sediment
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	YS20QN	Old Segment ID #	WA-07-1010
Stream Route #	2.408	Water Resource Inventory Area	7
Township	29N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	16	Grid Longitude	
Basis for Consideration of Listing	Mill E/Koppers site exceeds sediment quality standards in 1996 Sediment Management Standards Site List.		
Remarks			

Water Name	SNOHOMISH 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 #	YS20QN	Old Segment ID #	WA-07-1010
Stream Route #	0	Water Resource Inventory Area	7
Township	29N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	08	Grid Longitude	
Basis for Consideration of Listing	2 excursions beyond the criterion out of 41 samples (5%) at Ecology ambient monitoring station PSS015 on between 1982 and 1987.		
Remarks	Proposed for the 1998 list based on 4 excursions beyond the criterion at Ecology ambient monitoring station PSS015 on between 1985 and 1987. A review of the data shows that these excursions occurred when salinity was above 1 ppt and the marine standards then apply. Assessment of the last 5 years of data collected (1982-1987) show only 2 excursions beyond the criterion out of 41 samples (5%) when corresponding salinity values are also considered. This information does not meet the Water Quality Program policy for listing this segment for dissolved oxygen.		

Water Name	SNOHOMISH 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 #	YS20QN	Old Segment ID #	WA-07-1010
Stream Route #	0	Water Resource Inventory Area	7
Township	29N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	08	Grid Longitude	
Basis for Consideration of Listing	One excursion beyond the criterion at Ecology ambient monitoring station PSS015 on 5/11/87.		
Remarks	A single excursion beyond the criterion does not meet the Water Quality Program Policy for listing.		

Water Name	SNOHOMISH RIVER		
Parameter	Temperature	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 #	JX500E	Old Segment ID #	WA-07-1020
Stream Route #	14.013	Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	18	Grid Longitude	
Basis for Consideration of Listing	4 excursions beyond the criterion out of 11 samples (36%) at Ecology ambient monitoring station 07A090 (RM 12.7) between 9/91 and 9/96.		
Remarks			

Water Name	SNOQUALMIE 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 #	WJ46OY	Old Segment ID #	WA-07-1100
Stream Route #	0	Water Resource Inventory Area	7
Township	25N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	21	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 10 excursions beyond the criterion at RM 25.0 between 8/87 and 11/90.		
Remarks	Since there are no known or probable pollution sources, these excursions beyond the criterion 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	SNOQUALMIE RIVER		
Parameter	Temperature	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 #	QW73YS	Old Segment ID #	WA-07-1060
Stream Route #	35.535	Water Resource Inventory Area	7
Township	25N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	09	Grid Longitude	
Basis for Consideration of Listing	2 excursions beyond the criterion out of 12 samples (17%) at Ecology ambient monitoring station 07D070 (RM 23.0) between 9/91 and 9/96;		
Remarks			

Water Name	SNOQUALMIE 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 #	QW73YS	Old Segment ID #	WA-07-1100
Stream Route #	56.872	Water Resource Inventory Area	7
Township	24N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	14	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 23 excursions beyond the criterion at RM 36.0 , between 8/87 and 11/90.		
Remarks	Since there are no known or probable pollution sources, these excursions beyond the criterion 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	SNOQUALMIE RIVER		
Parameter	Temperature	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 #	QW73YS	Old Segment ID #	WA-07-1060
Stream Route #	3.367	Water Resource Inventory Area	7
Township	27N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	23	Grid Longitude	
Basis for Consideration of Listing	2 excursions beyond the criterion out of 24 samples (8%) at Ecology ambient monitoring station 07D050 (RM 2.7) between 9/91 and 9/96.		
Remarks			

Water Name	SNOQUALMIE RIVER		
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 #	QW73YS	Old Segment ID #	WA-07-1100
Stream Route #	39.215	Water Resource Inventory Area	7
Township	25N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	21	Grid Longitude	
Basis for Consideration of Listing	Patterson and Dickes, 1993. 2 excursions beyond the upper criterion at RM 24.9 during 1992.		
Remarks	TMDL submitted on 12/2/94. EPA approved TMDL on 7/3/96.		

Water Name	SNOQUALMIE RIVER		
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 #	QW73YS	Old Segment ID #	WA-07-1100
Stream Route #	56.872	Water Resource Inventory Area	7
Township	24N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	14	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 3 of 63 single samples exceeding the criterion (no wet or dry season geometric mean excursions beyond the criterion) at RM 36.0, between 8/87 and 11/90.;		
Remarks	TMDL submitted on 12/2/94. EPA approved TMDL on 7/3/96.		

Water Name	SNOQUALMIE RIVER		
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 #	QW73YS	Old Segment ID #	WA-07-1100
Stream Route #	63.338	Water Resource Inventory Area	7
Township	24N	Waterbody Grid #	
Range	08E	Grid Latitude	
Section	30	Grid Longitude	
Basis for Consideration of Listing	Puget Power, 1991. 8 excursions beyond the criterion out of 14 samples (57%) at Plant 1 Powerhouse Intake during 8/91.		
Remarks			

Water Name	SNOQUALMIE RIVER		
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 #	KF20UW	Old Segment ID #	WA-07-1100
Stream Route #	0.028	Water Resource Inventory Area	7
Township	25N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	29	Grid Longitude	
Basis for Consideration of Listing	Joy, 1991. , 2 of 3 single samples exceeding the criterion at RM27.9		
Remarks	TMDL submitted on 12/2/94. EPA approved TMDL on 7/3/96.		

Water Name	SNOQUALMIE 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 #	QW73YS	Old Segment ID #	WA-07-1060
Stream Route #	23.084	Water Resource Inventory Area	7
Township	26N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	26	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 11 excursions beyond the criterion at RM 14.7, between 8/87 and 11/90.;		
Remarks	Since there are no known or probable pollution sources, these excursions beyond the criterion 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	SNOQUALMIE RIVER		
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 #	QW73YS	Old Segment ID #	WA-07-1060
Stream Route #	23.084	Water Resource Inventory Area	7
Township	26N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	26	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 12 of 56 single samples exceeding the criterion (no wet or dry season geometric mean excursions beyond the criterion) at RM 14.7, between 8/87 and 11/90;		
Remarks	TMDL submitted on 12/2/94. EPA approved TMDL on 7/3/96.		

Water Name	SNOQUALMIE RIVER		
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 #	QW73YS	Old Segment ID #	WA-07-1100
Stream Route #	67.897	Water Resource Inventory Area	7
Township	24N	Waterbody Grid #	
Range	08E	Grid Latitude	
Section	33	Grid Longitude	
Basis for Consideration of Listing	Lane, 1993. 2 excursions beyond the criterion out of 11 samples (18%) at RM 44 in 1991 and 1992.		
Remarks			

Water Name	SNOQUALMIE RIVER		
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 #	QW73YS	Old Segment ID #	WA-07-1060
Stream Route #	10.09	Water Resource Inventory Area	7
Township	26N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	06	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , , 14 of 51 single samples exceeding the criterion (wet season geometric mean excursion for 1990) at RM7.0, between 8/87 and 11/90;		
Remarks	TMDL submitted on 12/2/94. EPA approved TMDL on 7/3/96.		

Water Name	SNOQUALMIE RIVER		
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 #	AX69IN	Old Segment ID #	WA-07-1060
Stream Route #	0	Water Resource Inventory Area	7
Township	27N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	26	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 19 of 51 single samples exceeding the criterion (both wetland dry season geometric mean excursions beyond the criterion for 1990) at RM 2.8 between 8/87 and 11/90;		
Remarks	TMDL submitted on 12/2/94. EPA approved TMDL on 7/3/96.		

Water Name	SNOQUALMIE RIVER		
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 #	QW73YS	Old Segment ID #	WA-07-1060
Stream Route #	3.367	Water Resource Inventory Area	7
Township	27N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	23	Grid Longitude	
Basis for Consideration of Listing	3 excursions beyond the criterion out of 24 samples (13%) at Ecology ambient monitoring station 07D050 (RM 2.7) between 9/91 and 9/96.		
Remarks	TMDL submitted on 12/2/94. EPA approved TMDL on 7/3/96.		

Water Name	SNOQUALMIE RIVER		
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 #	QW73YS	Old Segment ID #	WA-07-1060
Stream Route #	15.534	Water Resource Inventory Area	7
Township	26N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	13	Grid Longitude	
Basis for Consideration of Listing	Joy, 1991. , 2 of 6 single samples exceeding the criterion at RM 9.8, between 7/89 and 9/89;		
Remarks	TMDL submitted on 12/2/94. EPA approved TMDL on 7/3/96.		

Water Name	SNOQUALMIE 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 #	AX69IN	Old Segment ID #	WA-07-1060
Stream Route #	0	Water Resource Inventory Area	7
Township	27N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	26	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 7 excursions beyond the criterion at RM 2.8 between 8/87 and 11/90.;		
Remarks	Since there are no known or probable pollution sources, these excursions beyond the criterion 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	SNOQUALMIE RIVER		
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 #	QW73YS	Old Segment ID #	WA-07-1100
Stream Route #	63.338	Water Resource Inventory Area	7
Township	24N	Waterbody Grid #	
Range	08E	Grid Latitude	
Section	30	Grid Longitude	
Basis for Consideration of Listing	Puget Power, 1991. 2 excursions beyond the criterion out of 14 samples (14%) at Plant 1 Powerhouse Intake during 8/91.		
Remarks	TMDL submitted on 12/2/94. EPA approved TMDL on 7/3/96.		

Water Name	SNOQUALMIE RIVER		
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 #	WJ46OY	Old Segment ID #	WA-07-1100
Stream Route #	0	Water Resource Inventory Area	7
Township	25N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	21	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 6 of 52 single samples exceeding the criterion (no wet or dry season geometric mean excursions beyond the criterion) at RM 25.0 between 8/87 and 11/90.;		
Remarks	TMDL submitted on 12/2/94. EPA approved TMDL on 7/3/96.		

Water Name	SNOQUALMIE RIVER		
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 #	QW73YS	Old Segment ID #	WA-07-1060
Stream Route #	23.084	Water Resource Inventory Area	7
Township	26N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	26	Grid Longitude	
Basis for Consideration of Listing	Joy, 1991. , 2 of 5 single samples exceeding the criterion at RM 14.7 between 7/89 and 9/89;		
Remarks	TMDL submitted on 12/2/94. EPA approved TMDL on 7/3/96.		

Water Name	SNOQUALMIE RIVER		
Parameter	Temperature	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 #	QW73YS	Old Segment ID #	WA-07-1100
Stream Route #	56.872	Water Resource Inventory Area	7
Township	24N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	14	Grid Longitude	
Basis for Consideration of Listing	Lane, 1993. 3 excursions beyond the criterion out of 9 samples (33%) at RM 36 in 1991 and 1992.		
Remarks			

Water Name	SNOQUALMIE RIVER		
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 #	QW73YS	Old Segment ID #	WA-07-1060
Stream Route #	35.535	Water Resource Inventory Area	7
Township	25N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	09	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 11 of 62 single samples exceeding the criterion (no wet or dry season geometric mean excursions beyond the criterion) at RM 23.0, between 8/87 and 11/90;		
Remarks	TMDL submitted on 12/2/94. EPA approved TMDL on 7/3/96.		

Water Name	SNOQUALMIE RIVER		
Parameter	Temperature	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 #	QW73YS	Old Segment ID #	WA-07-1060
Stream Route #	23.084	Water Resource Inventory Area	7
Township	26N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	26	Grid Longitude	
Basis for Consideration of Listing	Joy, 1991. , 2 excursions beyond the criterion at RM 14.7 between 7/89 and 9/89.		
Remarks			

Water Name	SNOQUALMIE 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 #	QW73YS	Old Segment ID #	WA-07-1060
Stream Route #	35.535	Water Resource Inventory Area	7
Township	25N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	09	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 13 excursions beyond the criterion at RM 23, between 8/87 and 11/90.;		
Remarks	Since there are no known or probable pollution sources, these excursions beyond the criterion 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	SNOQUALMIE 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 #	QW73YS	Old Segment ID #	WA-07-1060
Stream Route #	10.09	Water Resource Inventory Area	7
Township	26N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	06	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 6 excursions beyond the criterion at RM 7.0, between 8/87 and 11/90.;		
Remarks	Since there are no known or probable pollution sources, these excursions beyond the criterion 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	SNOQUALMIE RIVER		
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 #	QW73YS	Old Segment ID #	WA-07-1060
Stream Route #	3.367	Water Resource Inventory Area	7
Township	27N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	23	Grid Longitude	
Basis for Consideration of Listing	Joy, 1991. , 2 of 6 single samples exceeding the criterion at RM 2.7, between 7/89 and 9/89;		
Remarks	TMDL submitted on 12/2/94. EPA approved TMDL on 7/3/96.		

Water Name	SNOQUALMIE RIVER, M.F.		
Parameter	Temperature	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 #	QW73YS	Old Segment ID #	WA-07-1140
Stream Route #	69.768	Water Resource Inventory Area	7
Township	24N	Waterbody Grid #	
Range	08E	Grid Latitude	
Section	33	Grid Longitude	
Basis for Consideration of Listing	Puget Power, 1991. temperatures ranged from 8.8 to 19.4 during 1990.		
Remarks	The cited reference does not contain raw data. The information presented in the report is not sufficient to determine if the data meet the Water Quality Program policy for listing.		

Water Name	SNOQUALMIE RIVER, M.F.		
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 #	LM23PD	Old Segment ID #	WA-07-1140
Stream Route #	1.279	Water Resource Inventory Area	7
Township	23N	Waterbody Grid #	
Range	08E	Grid Latitude	
Section	03	Grid Longitude	
Basis for Consideration of Listing	One excursion beyond the criterion at Ecology ambient monitoring station 07D150 (RM 45.3) on 9/16/91.		
Remarks	A single excursion beyond the criterion does not meet the Water Quality Program Policy for listing.		

Water Name	SNOQUALMIE RIVER, M.F.		
Parameter	Temperature	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 #	LM23PD	Old Segment ID #	WA-07-1140
Stream Route #	4.937	Water Resource Inventory Area	7
Township	23N	Waterbody Grid #	
Range	08E	Grid Latitude	
Section	14	Grid Longitude	
Basis for Consideration of Listing	Joy, 1993. Unpublished data collected by the Dept. of Ecology on 9/10/93 .		
Remarks	A single excursion beyond the Criterion does not meet the Water Quality Program policy for listing.		

Water Name	SNOQUALMIE 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 #	UC46QU	Old Segment ID #	WA-07-1120
Stream Route #	27.329	Water Resource Inventory Area	7
Township	22N	Waterbody Grid #	
Range	10E	Grid Latitude	
Section	06	Grid Longitude	
Basis for Consideration of Listing	Numerous excursions beyond the criterion sampled by USGS at the Garcia station (RM 17.3) during 1979 and 1980.		
Remarks	Since no significant land use changes have occurred, these old data likely represent current conditions and the segment should remain on the list based on the 7/97 judgement of John Glynn (Dept. of Ecology).		

Water Name	SNOQUALMIE 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 #	UC46QU	Old Segment ID #	WA-07-1120
Stream Route #	14.443	Water Resource Inventory Area	7
Township	23N	Waterbody Grid #	
Range	09E	Grid Latitude	
Section	30	Grid Longitude	
Basis for Consideration of Listing	South Fork Resources, 1983. , 4 excursions beyond the criterion at RM 10.0 on 4/8/82, 8/3/82, 9/8/82, and 1/7/83.		
Remarks	Since no significant land use changes have occurred, these old data likely represent current conditions and the segment should remain on the list based on the 7/97 judgement of John Glynn (Dept. of Ecology).		

Water Name	SNOQUALMIE RIVER, S.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 #	UC46QU	Old Segment ID #	WA-07-1120
Stream Route #	20.932	Water Resource Inventory Area	7
Township	23N	Waterbody Grid #	
Range	09E	Grid Latitude	
Section	34	Grid Longitude	
Basis for Consideration of Listing	South Fork Resources, 1983. , 1 excursion beyond the criterion at RM 13.6 on 8/3/82.		
Remarks	TMDL submitted on 12/2/94. EPA approved TMDL on 7/3/96.		

Water Name	SNOQUALMIE RIVER, S.F.		
Parameter	pH	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 #	UC46QU	Old Segment ID #	WA-07-1120
Stream Route #	20.932	Water Resource Inventory Area	7
Township	23N	Waterbody Grid #	
Range	09E	Grid Latitude	
Section	34	Grid Longitude	
Basis for Consideration of Listing	South Fork Resources, 1983. , 2 excursions beyond the criterion at RM 13.6 on 8/3/82 and 3/3/83.		
Remarks	Since no significant land use changes have occurred, these old data likely represent current conditions and the segment should remain on the list based on the 7/97 judgement of John Glynn (Dept. of Ecology).		

Water Name	SNOQUALMIE RIVER, S.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 #	UC46QU	Old Segment ID #	WA-07-1120
Stream Route #	14.443	Water Resource Inventory Area	7
Township	23N	Waterbody Grid #	
Range	09E	Grid Latitude	
Section	30	Grid Longitude	
Basis for Consideration of Listing	South Fork Resources, 1983. , 1 excursion beyond the criterion at RM 10.0 on 8/3/82.		
Remarks	TMDL submitted on 12/2/94. EPA approved TMDL on 7/3/96.		

Water Name	SPADA LAKE		
Parameter	Turbidity	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 #	635RIL	Old Segment ID #	WA-07-9710
Stream Route #		Water Resource Inventory Area	7
Township	29N	Waterbody Grid #	
Range	09E	Grid Latitude	
Section	29	Grid Longitude	
Basis for Consideration of Listing	Completed Phase I State Clean Lakes Restoration Project in 1977 -excessive turbidity in a drinking water supply reservoir.; Data collected between 1992 and 1997 by the City of Everett (submitted by Dan Lowell on 10/31/97) show that the turbidity criterion is being met.		
Remarks	Control Measures Implemented without Phase II funding: Watershed nutrient management (timber harvesting); Several significant changes have occurred since the 1970's when high turbidities sometimes occurred (see letter from Dan Lowell to Steve Butkus dated 10/31/97 for more detail). These changes have resulted in much lower turbidities. Natural causes are now the principal reason for water turbidity. Recent water quality monitoring show that standards are now being met.		

Water Name	STEAMBOAT SLOUGH		
Parameter	Arsenic	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 #	SU28KJ	Old Segment ID #	WA-07-1005
Stream Route #	0	Water Resource Inventory Area	7
Township	29N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	05	Grid Longitude	
Basis for Consideration of Listing	U.S. EPA, 1996. , Predictive modeling of groundwater leachate near the Tulalip Landfill Superfund Site show that concentrations are likely at levels that do not meet surface water quality standards.		
Remarks	<p>The information developed under CERCLA meet the four EPA requirements for excluding these waters from the list under federal regulations for "other pollution control requirements" under 40 CFR 130.7(b)(1) which are: (1) The Record of Decision, remedial investigation and feasibility study describe the controls relative to the problem, (2 and 3) a Cleanup Action Plan identifies the schedule of when controls are to be implemented, and (4) the compliance monitoring required to show cleanup effectiveness.;</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	STEAMBOAT SLOUGH		
Parameter	Ammonia-N	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 #	SU28KJ	Old Segment ID #	WA-07-1005
Stream Route #	0	Water Resource Inventory Area	7
Township	29N	Waterbody Grid #	
Range	05E	Grid Latitude	
Section	05	Grid Longitude	
Basis for Consideration of Listing	U.S. EPA, 1996. , Predictive modeling of groundwater leachate near the Tulalip Landfill Superfund Site show that concentrations are likely at levels that do not meet surface water quality standards.		
Remarks	<p>The information developed under CERCLA meet the four EPA requirements for excluding these waters from the list under federal regulations for "other pollution control requirements" under 40 CFR 130.7(b)(1) which are: (1) The Record of Decision, remedial investigation and feasibility study describe the controls relative to the problem, (2 and 3) a Cleanup Action Plan identifies the schedule of when controls are to be implemented, and (4) the compliance monitoring required to show cleanup effectiveness.</p>		

Water Name STEVENS LAKE

Parameter Total Phosphorus **Mediu** Water

Place on 1998 List? Yes **Listed in 1996** No **Action Needed** None

New Segment ID # 026ZDC **Old Segment ID #** WA-07-9720

Stream Route # **Water Resource Inventory Area** 7

Township 29N **Waterbody Grid #**

Range 06E **Grid Latitude**

Section 08 **Grid Longitude**

Basis for Consideration of Listing
Completed Phase I in 1983 - Problems Encountered: Blue-green algae, tributary nutrient inputs, hypolimnetic anoxia, sediment phosphorus recycling, storm water.; Unpublished data collected by Snohomish County (submitted by Kathy Thornburgh on 10/27/97) show that the watershed activities do not appear to be controlling nutrient inputs in the face of rapid urbanization. Serious blue-green algal blooms have been identified in recent years.

Remarks
Active Phase II State Clean Lakes Restoration Project: Snohomish County Public Works, 1991. Control measures underway based on Phase I study -watershed nutrient management (septic system management, ordinance development, passive nutrient attenuation), hypolimnetic aeration, phosphorus precipitation/inactivation, structural storm water controls, public education. Implementation of control measures will be required to be completed by June 1998 under the conditions of the grant. Monitoring is being conducted under Ecology's Lake Water Quality Assessment Program and the City of Lake Stevens. Lake Stevens was excluded from the proposed 1998 list under federal regulations based on the ongoing restoration and monitoring programs. However, Unpublished data collected by Snohomish County (submitted by Kathy Thornburgh on 10/27/97) show that the watershed activities do not appear to be controlling nutrient inputs in the face of rapid urbanization. Serious blue-green algal blooms have been identified in recent years.

The above information does not meets EPA guidance for excluding the lake from the list under federal regulation 40 CFR130.7(b)(1)(iii).

Water Name	TOKUL CREEK		
Parameter	Temperature	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 #	ME08RY	Old Segment ID #	WA-07-1106
Stream Route #	15.609	Water Resource Inventory Area	7
Township	25N	Waterbody Grid #	
Range	08E	Grid Latitude	
Section	22	Grid Longitude	
Basis for Consideration of Listing	Rashin and Graber, 1992 , 1 excursion beyond the criterion out of 17 samples measured during 8/91.		
Remarks	A single excursion beyond the criterion does not meet the Water Quality Program policy for listing.		

Water Name	WALLACE 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 #	OR02JV	Old Segment ID #	WA-07-1195
Stream Route #	0.737	Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	09E	Grid Latitude	
Section	31	Grid Longitude	
Basis for Consideration of Listing	Washington Department of Fish and Wildlife data show numerous excursions beyond the criterion at the inflow to the Skykomish Hatchery.		
Remarks	Shown on the proposed list for old segment WA-07-1201. The hatchery is not on the Wallace River, but on May Creek upstream of the confluence with the Wallace River.		

Water Name	WOOD CREEK (MARSH LANDS)		
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 #	FZ74HO	Old Segment ID #	WA-07-1019
Stream Route #	0	Water Resource Inventory Area	7
Township	27N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	12	Grid Longitude	
Basis for Consideration of Listing	Cusimano, 1995. , 2 excursions beyond the criterion on 8/16/93 and 8/17/93.		
Remarks			

Water Name	WOODS CREEK		
Parameter	Lead	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed TMDL
New Segment ID #	FZ74HO	Old Segment ID #	WA-07-1163
Stream Route #	5.17	Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	33	Grid Longitude	
Basis for Consideration of Listing	Thornburg, 1996. , 33% of samples collected between 1992 -1995 show excursions beyond the chronic criterion at station WCMF.		
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	WOODS CREEK		
Parameter	Zinc	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed TMDL
New Segment ID #	FZ74HO	Old Segment ID #	WA-07-1163
Stream Route #	5.17	Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	33	Grid Longitude	
Basis for Consideration of Listing	Thornburg, 1996. . 12% of samples collected between 1992 -1995 show excursions beyond the chronic criterion at station WCMF..;		
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	WOODS CREEK		
Parameter	Zinc	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed TMDL
New Segment ID #	OH07SJ	Old Segment ID #	WA-07-1163
Stream Route #	1.242	Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	28	Grid Longitude	
Basis for Consideration of Listing	Thornburg, 1996. . 12% of samples collected between 1992 -1995 show excursions beyond the chronic criterion at station WCWF		
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	WOODS CREEK		
Parameter	Lead	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed TMDL
New Segment ID #	OH07SJ	Old Segment ID #	WA-07-1163
Stream Route #	1.242	Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	28	Grid Longitude	
Basis for Consideration of Listing	Thornburg, 1996. , 40% of samples collected between 1992 -1995 show excursions beyond the chronic criterion at station WCWF.		
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	WOODS CREEK		
Parameter	Fecal Coliform	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input checked="" type="checkbox"/> Yes Action Needed None
New Segment ID #	FZ74HO	Old Segment ID #	WA-07-1163
Stream Route #	0	Water Resource Inventory Area	7
Township	27N	Waterbody Grid #	
Range	06E	Grid Latitude	
Section	12	Grid Longitude	
Basis for Consideration of Listing	Cusimano, 1995. , 1 excursion beyond the criterion on 8/93 (geometric mean with sample size of two).		
Remarks	A single excursion beyond the criterion does not meet the Water Quality Program policy for listing.		

Water Name	WOODS 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 #	OH07SJ	Old Segment ID #	WA-07-1163
Stream Route #	1.242	Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	28	Grid Longitude	
Basis for Consideration of Listing	Thornburg, 1996. , 12% of samples collected between 1992 -1995 show excursions beyond the upper criteria at station WCWF;		
Remarks			

Water Name	WOODS CREEK		
Parameter	Fecal Coliform	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input checked="" type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	FZ74HO	Old Segment ID #	WA-07-1163
Stream Route #	0.368	Water Resource Inventory Area	7
Township	27N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	06	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 66 of 78 single samples exceeding the criterion (dry season geometric mean excursions beyond the criterion for 1987, 1988,1989, and 1990; wet season geometric mean excursions beyond the criterion for 1987, 1989, and 1990) at RM 1.3.		
Remarks			

Water Name	WOODS 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 #	FZ74HO	Old Segment ID #	WA-07-1163
Stream Route #	5.17	Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	33	Grid Longitude	
Basis for Consideration of Listing	Thornburg, 1996. , 17% of samples collected between 1992 -1995 show excursions beyond the upper criteria at station WCMF.;		
Remarks			

Water Name	WOODS CREEK		
Parameter	Fecal Coliform	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input checked="" type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	FZ74HO	Old Segment ID #	WA-07-1163
Stream Route #	0.368	Water Resource Inventory Area	7
Township	27N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	06	Grid Longitude	
Basis for Consideration of Listing	7 excursions beyond the criterion out of 11 samples (64%) at Ecology ambient monitoring station 07F055 between 9/91 and 9/96.		
Remarks			

Water Name	WOODS 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 #	FZ74HO	Old Segment ID #	WA-07-1163
Stream Route #	7.141	Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	34	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 20 of 68 single samples exceeding the criterion (dry season geometric mean excursion for 1990) at RM4.2,		
Remarks			

Water Name	WOODS 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 #	OH07SJ	Old Segment ID #	WA-07-1163
Stream Route #	5.772	Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	16	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. ,22 of 69 single samples exceeding the criterion (dry season geometric mean excursions beyond the criterion for 1987, 1988, and 1990; wet season geometric mean excursion for 1990) at Woods Creek West Fork RM 3.5		
Remarks			

Water Name	WOODS 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 #	OH07SJ	Old Segment ID #	WA-07-1163
Stream Route #	5.772	Water Resource Inventory Area	7
Township	28N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	16	Grid Longitude	
Basis for Consideration of Listing	Thornburgh, et al. 1991. , 15 of 70 single samples exceeding the criterion (dry season geometric mean excursions beyond the criterion for 1987 and 1990; wet season geometric mean excursion for 1990) at RM 3.5		
Remarks			

Water Name	WOODS CREEK		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed None
New Segment ID #	FZ74HO	Old Segment ID #	WA-07-1163
Stream Route #	0.368	Water Resource Inventory Area	7
Township	27N	Waterbody Grid #	
Range	07E	Grid Latitude	
Section	06	Grid Longitude	
Basis for Consideration of Listing	One excursion beyond the criterion at Ecology ambient monitoring station 07F055 on 8/17/92.		
Remarks	A single excursion beyond the criterion does not meet the Water Quality Program Policy for listing.		