

Final 1998 Section 303(d) List -WRIA 12

Water Name	AMERICAN LAKE		
Parameter	Total Phosphorus	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	329BEX	Old Segment ID #	WA-12-9010
Stream Route #		Water Resource Inventory Area	12
Township	19N	Waterbody Grid #	
Range	02E	Grid Latitude	
Section	20	Grid Longitude	
Basis for Consideration of Listing	Completed Federal Clean Lakes Restoration Project in 1993 -Problems Encountered: toxic blue-green algal blooms which have resulted in animal poisonings and public health advisories. KCM, 1993.		
Remarks	Phase II Federal Clean Lakes Restoration Project Grant for a Watershed Management Plan is expected to be completed by July 1997. Control Measures Proposed - Phosphorus precipitation/inactivation, watershed nutrient management, volunteer monitoring.		

Water Name	CHAMBERS CREEK		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> Yes Action Needed None
New Segment ID #	DO71CI	Old Segment ID #	WA-12-1110
Stream Route #	1.488	Water Resource Inventory Area	12
Township	20N	Waterbody Grid #	
Range	02E	Grid Latitude	
Section	99	Grid Longitude	
Basis for Consideration of Listing	One excursion beyond the criterion at Ecology ambient monitoring station 12A070 (RM 0.9) on 6/25/86.		
Remarks	A single excursion beyond the criterion does not meet the Water Quality Program policy for listing.		

Water Name CHAMBERS CREEK

Parameter PCB-1254 **Mediu** Tissue

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

New Segment ID # DO71CI **Old Segment ID #** WA-12-1110

Stream Route # 0 **Water Resource Inventory Area** 12

Township 20N **Waterbody Grid #**

Range 02E **Grid Latitude**

Section 99 **Grid Longitude**

Basis for Consideration of Listing Johnson and Davis, 1996. , excursion beyond the National Toxics Rule criterion calculated for tissue in mussel samples collected in 1995 from the south shore of the creek mouth at Thomas M. Chambers monument.

Remarks

Water Name CHAMBERS CREEK

Parameter Temperature **Mediu** Water

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

New Segment ID # DO71CI **Old Segment ID #** WA-12-1110

Stream Route # 6.107 **Water Resource Inventory Area** 12

Township 20N **Waterbody Grid #**

Range 02E **Grid Latitude**

Section 41 **Grid Longitude**

Basis for Consideration of Listing Washington Dept. of Fish and Wildlife data show numerous excursions beyond the criterion at the inflow to the Chambers Creek Hatchery.

Remarks

Water Name	CHAMBERS 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 #	DO71CI	Old Segment ID #	WA-12-1110
Stream Route #	1.488	Water Resource Inventory Area	12
Township	20N	Waterbody Grid #	
Range	02E	Grid Latitude	
Section	99	Grid Longitude	
Basis for Consideration of Listing	One excursion beyond the criterion at Ecology ambient monitoring station 12A070 (RM 0.9) on 3/28/90.		
Remarks	A single excursion beyond the criterion does not meet the Water Quality Program Policy for listing.		

Water Name	CHAMBERS CREEK		
Parameter	Fecal Coliform	Mediu	Water
Place on 1998 List?	<input checked="" type="checkbox"/> Yes	Listed in 1996	<input checked="" type="checkbox"/> Yes Action Needed <input type="checkbox"/> TMDL
New Segment ID #	DO71CI	Old Segment ID #	WA-12-1110
Stream Route #	1.488	Water Resource Inventory Area	12
Township	20N	Waterbody Grid #	
Range	02E	Grid Latitude	
Section	99	Grid Longitude	
Basis for Consideration of Listing	4 excursions beyond the criterion out of 12 samples (33%) at Ecology ambient monitoring station 12A070 (RM 0.9) between 9/91 and 9/96.		
Remarks			

Water Name CHAMBERS CREEK

Parameter Copper **Mediu** Water

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

New Segment ID # DO71CI **Old Segment ID #** WA-12-1110

Stream Route # 6.107 **Water Resource Inventory Area** 12

Township 20N **Waterbody Grid #**

Range 02E **Grid Latitude**

Section 41 **Grid Longitude**

Basis for Consideration of Listing Serdar, 1997. = excursions beyond the acute criterion for 15 days after application in Lake Steilacoom in June 1996. These excursions were not covered by the short-term modification to the standards given for this application.

Remarks

Water Name CHAMBERS CREEK

Parameter PCB-1260 **Mediu** Tissue

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

New Segment ID # DO71CI **Old Segment ID #** WA-12-1110

Stream Route # 0 **Water Resource Inventory Area** 12

Township 20N **Waterbody Grid #**

Range 02E **Grid Latitude**

Section 99 **Grid Longitude**

Basis for Consideration of Listing Johnson and Davis, 1996. , excursion beyond the National Toxics Rule criterion calculated for tissue in mussel samples collected in 1995 from the south shore of the creek mouth at Thomas M. Chambers monument.

Remarks

Water Name	CLOVER CREEK		
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 #	PS92IZ	Old Segment ID #	WA-12-1115
Stream Route #	2.126	Water Resource Inventory Area	12
Township	19N	Waterbody Grid #	
Range	02E	Grid Latitude	
Section	48	Grid Longitude	
Basis for Consideration of Listing	McCarthy, 1996. , 4 excursions beyond the criteria out of 15 samples (27%) at station 500 from 1991 to 1992;		
Remarks			

Water Name	CLOVER CREEK		
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 #	PS92IZ	Old Segment ID #	WA-12-1115
Stream Route #	11.027	Water Resource Inventory Area	12
Township	19N	Waterbody Grid #	
Range	03E	Grid Latitude	
Section	47	Grid Longitude	
Basis for Consideration of Listing	2 excursions beyond the criterion at USGS station 12090360 (Below 138th Street S. near Parkland) on 6/11/91 and 6/26/91;		
Remarks			

Water Name	CLOVER 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 #	PS92IZ	Old Segment ID #	WA-12-1115
Stream Route #	17.164	Water Resource Inventory Area	12
Township	19N	Waterbody Grid #	
Range	03E	Grid Latitude	
Section	25	Grid Longitude	
Basis for Consideration of Listing	4 excursions beyond the criterion at USGS station 12090330 (at Military Road near Spanaway) in 1991.		
Remarks			

Water Name	CLOVER 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 #	PS92IZ	Old Segment ID #	WA-12-1115
Stream Route #	6.487	Water Resource Inventory Area	12
Township	19N	Waterbody Grid #	
Range	03E	Grid Latitude	
Section	42	Grid Longitude	
Basis for Consideration of Listing	One excursion beyond the criterion at USGS station 12090430 (at 17th Ave S. near Parkland) on 4/21/92.		
Remarks	A single excursion beyond the criterion does not meet the Water Quality Program Policy for listing.		

Water Name	CLOVER 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 #	PS92IZ	Old Segment ID #	WA-12-1115
Stream Route #	17.164	Water Resource Inventory Area	12
Township	19N	Waterbody Grid #	
Range	03E	Grid Latitude	
Section	25	Grid Longitude	
Basis for Consideration of Listing	McCarthy, 1996. , 1 excursions beyond the criteria out of 7 samples (14%) at station 330 from 1991 to 1992;		
Remarks	A single excursion beyond the criterion does not meet the Water Quality Program policy for listing.		

Water Name	CLOVER 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 #	PS92IZ	Old Segment ID #	WA-12-1115
Stream Route #	6.487	Water Resource Inventory Area	12
Township	19N	Waterbody Grid #	
Range	03E	Grid Latitude	
Section	42	Grid Longitude	
Basis for Consideration of Listing	McCarthy, 1996. , 7 excursions beyond the criteria out of 13 samples (53%) at station 430 from 1991 to 1992;		
Remarks			

Water Name	CLOVER 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 #	PS92IZ	Old Segment ID #	WA-12-1115
Stream Route #	12.249	Water Resource Inventory Area	12
Township	19N	Waterbody Grid #	
Range	03E	Grid Latitude	
Section	48	Grid Longitude	
Basis for Consideration of Listing	One excursion beyond the criterion at USGS station 12090355 (at 25th Ave E near Parkland) on 9/4/91;		
Remarks	A single excursion beyond the criterion does not meet the Water Quality Program policy for listing		

Water Name	CLOVER CREEK		
Parameter	Fecal Coliform	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> No Action Needed <input type="checkbox"/> TMDL
New Segment ID #	PS92IZ	Old Segment ID #	WA-12-1115
Stream Route #	0.546	Water Resource Inventory Area	12
Township	19N	Waterbody Grid #	
Range	02E	Grid Latitude	
Section	11	Grid Longitude	
Basis for Consideration of Listing	McCarthy, 1996. , 5 excursions beyond the criteria out of 10 samples (50%) at station 602 from 1991 to 1992;		
Remarks			

Water Name	CLOVER 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 #	PS92IZ	Old Segment ID #	WA-12-1115
Stream Route #	12.249	Water Resource Inventory Area	12
Township	19N	Waterbody Grid #	
Range	03E	Grid Latitude	
Section	48	Grid Longitude	
Basis for Consideration of Listing	3 excursions beyond the criterion at USGS station 12090355 (at 25th Ave E near Parkland) in 1991.		
Remarks			

Water Name	CLOVER 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 #	PS92IZ	Old Segment ID #	WA-12-1115
Stream Route #	2.126	Water Resource Inventory Area	12
Township	19N	Waterbody Grid #	
Range	02E	Grid Latitude	
Section	48	Grid Longitude	
Basis for Consideration of Listing	6 excursions beyond the criterion at USGS station 12090500 (near Tillicum) in 1991.		
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	CLOVER CREEK		
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 #	FP21BP	Old Segment ID #	WA-12-1115
Stream Route #	1.067	Water Resource Inventory Area	12
Township	19N	Waterbody Grid #	
Range	03E	Grid Latitude	
Section	48	Grid Longitude	
Basis for Consideration of Listing	McCarthy, 1996. , 7 excursions beyond the criteria out of 13 samples (54%) at station 370 from 1991 to 1992;		
Remarks			

Water Name	CLOVER CREEK		
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 #	PS92IZ	Old Segment ID #	WA-12-1115
Stream Route #	0.546	Water Resource Inventory Area	12
Township	19N	Waterbody Grid #	
Range	02E	Grid Latitude	
Section	11	Grid Longitude	
Basis for Consideration of Listing	3 excursions beyond the criterion at USGS station 12090602 (at Gravelly Lake drive near Tacoma) in 1991.		
Remarks			

Water Name	CLOVER 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 #	PS92IZ	Old Segment ID #	WA-12-1115
Stream Route #	0.546	Water Resource Inventory Area	12
Township	19N	Waterbody Grid #	
Range	02E	Grid Latitude	
Section	11	Grid Longitude	
Basis for Consideration of Listing	3 excursions beyond the criterion at USGS station 12090602 (at Gravelly Lake drive near Tacoma) in 1991;		
Remarks			

Water Name	CLOVER CREEK		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	PS92IZ	Old Segment ID #	WA-12-1115
Stream Route #	2.126	Water Resource Inventory Area	12
Township	19N	Waterbody Grid #	
Range	02E	Grid Latitude	
Section	48	Grid Longitude	
Basis for Consideration of Listing	4 excursions beyond the criterion at USGS station 12090500 (near Tillicum) in 1991.		
Remarks			

Water Name	CLOVER 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 #	PS92IZ	Old Segment ID #	WA-12-1115
Stream Route #	12.249	Water Resource Inventory Area	12
Township	19N	Waterbody Grid #	
Range	03E	Grid Latitude	
Section	48	Grid Longitude	
Basis for Consideration of Listing	McCarthy, 1996. , 1 excursion beyond the criterion out of 4 samples (25%) at station 355 from 1991 to 1992;		
Remarks	A single excursion beyond the criterion does not meet the Water Quality Program policy for listing.		

Water Name	CLOVER CREEK		
Parameter	Dissolved Oxygen	Mediu	Water
Place on 1998 List?	<input checked="" type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> No Action Needed <input type="checkbox"/> TMDL
New Segment ID #	FC86XG	Old Segment ID #	WA-12-1115
Stream Route #	0.267	Water Resource Inventory Area	12
Township	19N	Waterbody Grid #	
Range	03E	Grid Latitude	
Section	45	Grid Longitude	
Basis for Consideration of Listing	McCarthy, 1996. , 3 excursions beyond the criterion out of 5 samples (60%) at station 480 from 1991 to 1992;		
Remarks			

Water Name	CLOVER 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 #	PS92IZ	Old Segment ID #	WA-12-1115
Stream Route #	17.164	Water Resource Inventory Area	12
Township	19N	Waterbody Grid #	
Range	03E	Grid Latitude	
Section	25	Grid Longitude	
Basis for Consideration of Listing	McCarthy, 1996. , 2 excursions beyond the criterion out of 5 samples (40%) at station 330 from 1991 to 1992;.		
Remarks			

Water Name	CLOVER 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 #	FP21BP	Old Segment ID #	WA-12-1115
Stream Route #	1.067	Water Resource Inventory Area	12
Township	19N	Waterbody Grid #	
Range	03E	Grid Latitude	
Section	48	Grid Longitude	
Basis for Consideration of Listing	McCarthy, 1996. , 5 excursions beyond the criteria out of 9 samples (55%) at station 400 from 1991 to 1992;.		
Remarks			

Water Name	DALCO PASSAGE/POVERY BAY		
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 #	390KRD	Old Segment ID #	WA-PS-0280
Stream Route #		Water Resource Inventory Area	12
Township		Waterbody Grid #	47122D5B4
Range		Grid Latitude	47.315
Section		Grid Longitude	122.545
Basis for Consideration of Listing	17 excursions beyond the criterion at Ecology ambient monitoring station NRR001 between 1985 and 1991.		
Remarks	The excursions beyond the criterion at station NRR001 are a natural condition due to the influence of upwelled deep water based on the 6/97 judgement of Jan Newton (Dept. of Ecology).; Mistakenly listed entered into 1996 list decision matrix based on station EAP001. This station is on the segment WA-PS-0270 and does not represent conditions on segment WA-PS-0280.		

Water Name	SNAKE LAKE		
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 #	186SBC	Old Segment ID #	WA-12-9060
Stream Route #		Water Resource Inventory Area	12
Township	20N	Waterbody Grid #	
Range	02E	Grid Latitude	
Section	12	Grid Longitude	
Basis for Consideration of Listing	Entranco, 1989.		
Remarks			

Water Name	SNAKE LAKE		
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 #	186SBC	Old Segment ID #	WA-12-9060
Stream Route #		Water Resource Inventory Area	12
Township	20N	Waterbody Grid #	
Range	02E	Grid Latitude	
Section	12	Grid Longitude	
Basis for Consideration of Listing	Entranco, 1989. , measured anaerobic conditions were not observed in an earlier study conducted in 1976 which was assumed to represent natural conditions.		
Remarks			

Water Name	SNAKE LAKE		
Parameter	Total Phosphorus	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	186SBC	Old Segment ID #	WA-12-9060
Stream Route #		Water Resource Inventory Area	12
Township	20N	Waterbody Grid #	
Range	02E	Grid Latitude	
Section	12	Grid Longitude	
Basis for Consideration of Listing	Completed Phase I State Clean Lakes Restoration Project in 1989 -Problems Encountered: Blue-green algae, storm water, aquatic macrophytes, high turbidity, fluctuating water level; Entranco, 1989.		
Remarks	Control Measures Proposed - Sediment removal/dredging, structural storm water controls, diversion, watershed nutrient management, lake level regulation and augmentation, public education.		

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	STEILACOOM LAKE		
Parameter	Sediment Bioassay	Mediu	Sediment
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed Other Control
New Segment ID #	425LMS	Old Segment ID #	WA-12-9080
Stream Route #		Water Resource Inventory Area	12
Township	20N	Waterbody Grid #	
Range	02E	Grid Latitude	
Section	34	Grid Longitude	
Basis for Consideration of Listing	Bennett and Cabbage, 1992. , significant response on bioassays with Hyalella and Hexagenia.		
Remarks			

Water Name	TACOMA NARROWS		
Parameter	Dissolved Oxygen	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed None
New Segment ID #	390KRD	Old Segment ID #	WA-PS-0070
Stream Route #		Water Resource Inventory Area	12
Township		Waterbody Grid #	47122D5B4
Range		Grid Latitude	47.315
Section		Grid Longitude	122.545
Basis for Consideration of Listing	17 excursions beyond the criterion at Ecology ambient monitoring station NRR001 between 1985 and 1991.		
Remarks	These excursions beyond the criterion are a natural condition due to the influence of upwelled deep water based on the 6/97 judgement of Jan Newton (Dept. of Ecology)		

Water Name	TACOMA NARROWS		
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-0070
Stream Route #		Water Resource Inventory Area	12
Township		Waterbody Grid #	47122D5B4
Range		Grid Latitude	47.315
Section		Grid Longitude	122.545
Basis for Consideration of Listing	10 excursions beyond the criterion at Ecology ambient monitoring station NRR001 between 1985 and 1991.		
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	UNNAMED CREEK (tributary to Clover Creek at 99th Street)		
Parameter	Fecal Coliform	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> No Action Needed <input type="checkbox"/> TMDL
New Segment ID #	FP21BP	Old Segment ID #	None31
Stream Route #	0.67	Water Resource Inventory Area	12
Township	19N	Waterbody Grid #	
Range	03E	Grid Latitude	
Section	15	Grid Longitude	
Basis for Consideration of Listing	McCarthy, 1996. , 5 excursions beyond the criteria out of 7 samples (71%) at station 380 (Unnamed Tributary to N.F. Clover Creek at 99th Street E.) from 1991 to 1992;		
Remarks			

Water Name	UNNAMED CREEK (tributary to Clover Creek at Bingham Ave)		
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 #	PS92IZ	Old Segment ID #	None30
Stream Route #	14.482	Water Resource Inventory Area	12
Township	19N	Waterbody Grid #	
Range	03E	Grid Latitude	
Section	23	Grid Longitude	
Basis for Consideration of Listing	McCarthy, 1996. , 2 excursions beyond the criteria out of 3 samples (67%) at station 340 (Unnamed tributary. to Clover Creek at Bingham Ave. E) from 1991 to 1992;		
Remarks			

Water Name	UNNAMED CREEK (tributary to Clover Creek at Brookdale Rd.)		
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 #	FP21BP	Old Segment ID #	None32
Stream Route #	1.067	Water Resource Inventory Area	12
Township	19N	Waterbody Grid #	
Range	03E	Grid Latitude	
Section	48	Grid Longitude	
Basis for Consideration of Listing	McCarthy, 1996. , 2 excursions beyond the criteria out of 4 samples (50%) at station 395 (Unnamed tributary. to N.F Clover Creek at Brookdale Road) from 1991 to 1992;		
Remarks			

Water Name	WAPATO 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 #	245QYT	Old Segment ID #	WA-12-9085
Stream Route #		Water Resource Inventory Area	12
Township	20N	Waterbody Grid #	
Range	03E	Grid Latitude	
Section	29	Grid Longitude	
Basis for Consideration of Listing	Completed Federal Clean Lakes Restoration Project in 1981 - Problems Encountered: Blue-green algae, low dissolved oxygen, turbidity, sediment phosphorus recycling, storm water, low transparency, fecal coliform bacteria; Canning, et al. 1978; Metropolitan Park District of Tacoma, 1978.		
Remarks	Completed Phase II Restoration Project in 1987: Entranco Engineers, 1986; Control measures implemented based on the Phase I Study - phosphorus precipitation/inactivation, diversion, dilution/flushing, drawdown, structural storm water controls, public education. TMDL based on Phase II Restoration Project submitted to EPA on 8/25/92. EPA approved TMDL on 4/8/93.		

Water Name	WAPATO 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 #	245QYT	Old Segment ID #	WA-12-9085
Stream Route #		Water Resource Inventory Area	12
Township	20N	Waterbody Grid #	
Range	03E	Grid Latitude	
Section	29	Grid Longitude	
Basis for Consideration of Listing	Completed Federal Clean Lakes Restoration Project in 1981 - Problems Encountered: Blue-green algae, low dissolved oxygen, turbidity, sediment phosphorus recycling, storm water, low transparency, fecal coliform bacteria; Canning, et al. 1978; Metropolitan Park District of Tacoma, 1978.		
Remarks	Completed Phase II Restoration Project in 1987: Entrance Engineers, 1986; Control measures implemented based on the Phase I Study - phosphorus precipitation/inactivation, diversion, dilution/flushing, drawdown, structural storm water controls, public education. TMDL based on Phase II Restoration Project submitted to EPA on 8/25/92. EPA approved TMDL on 4/8/93.		