

Final 1998 Section 303(d) List - WRIA 20

Water Name ALDER CREEK

Parameter Temperature **Mediu** Water

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

New Segment ID # LC98SB **Old Segment ID #** WA-20-2280

Stream Route # 0 **Water Resource Inventory Area** 20

Township 27N **Waterbody Grid #**

Range 12W **Grid Latitude**

Section 27 **Grid Longitude**

Basis for Consideration of Listing
Hoh Tribal data (submitted by Jim Hatten on 9/16/93) show 31 excursions beyond the criterion between 7/1/92 and 8/31/92.

Remarks

Water Name ANDERSON CREEK

Parameter Temperature **Mediu** Water

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

New Segment ID # FL17VR **Old Segment ID #** WA-20-2200

Stream Route # 0.51 **Water Resource Inventory Area** 20

Township 26N **Waterbody Grid #**

Range 13W **Grid Latitude**

Section 12 **Grid Longitude**

Basis for Consideration of Listing
Hoh Tribal data (submitted by Jim Hatten on 9/16/93) show 11 excursions beyond the criterion between 7/1/92 and 8/31/92.

Remarks

Water Name

Parameter **Mediu**

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

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

Stream Route # **Water Resource Inventory Area**

Township **Waterbody Grid #**

Range **Grid Latitude**

Section **Grid Longitude**

Basis for Consideration of Listing

Remarks

Water Name

Parameter **Mediu**

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

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

Stream Route # **Water Resource Inventory Area**

Township **Waterbody Grid #**

Range **Grid Latitude**

Section **Grid Longitude**

Basis for Consideration of Listing

Remarks

Water Name

Parameter **Mediu**

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

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

Stream Route # **Water Resource Inventory Area**

Township **Waterbody Grid #**

Range **Grid Latitude**

Section **Grid Longitude**

Basis for Consideration of Listing

Remarks

Water Name

Parameter **Mediu**

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

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

Stream Route # **Water Resource Inventory Area**

Township **Waterbody Grid #**

Range **Grid Latitude**

Section **Grid Longitude**

Basis for Consideration of Listing

Remarks

Water Name

Parameter **Mediu**

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

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

Stream Route # **Water Resource Inventory Area**

Township **Waterbody Grid #**

Range **Grid Latitude**

Section **Grid Longitude**

Basis for Consideration of Listing

Remarks

Water Name

Parameter **Mediu**

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

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

Stream Route # **Water Resource Inventory Area**

Township **Waterbody Grid #**

Range **Grid Latitude**

Section **Grid Longitude**

Basis for Consideration of Listing

Remarks

Water Name	BOGACHIEL 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 #	PP27XG	Old Segment ID #	WA-20-1030
Stream Route #	29.61	Water Resource Inventory Area	20
Township	27N	Waterbody Grid #	
Range	12W	Grid Latitude	
Section	06	Grid Longitude	
Basis for Consideration of Listing	Quileute Tribal data (submitted by Ron Figler-Barnes on 2/27/96) show 5 excursions beyond the criterion out of 5 samples at RM 20 between 1992 and 1995.		
Remarks			

Water Name	BOGACHIEL RIVER		
Parameter	Dissolved Oxygen	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	PP27XG	Old Segment ID #	WA-20-1030
Stream Route #	0	Water Resource Inventory Area	20
Township	28N	Waterbody Grid #	
Range	14W	Grid Latitude	
Section	29	Grid Longitude	
Basis for Consideration of Listing	Quileute Tribal data (submitted by Ron Figler-Barnes on 2/27/96) show 2 excursions beyond the criterion out of 6 samples at RM 0 between 1992 and 1995.		
Remarks			

Water Name	BOGACHIEL 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 #	PP27XG	Old Segment ID #	WA-20-1030
Stream Route #	0	Water Resource Inventory Area	20
Township	28N	Waterbody Grid #	
Range	14W	Grid Latitude	
Section	30	Grid Longitude	
Basis for Consideration of Listing	Quileute Tribal data (submitted by Ron Figler-Barnes on 2/27/96) show 6 excursions beyond the criterion out of 7 samples at RM 0 between 1992 and 1995.		
Remarks			

Water Name	BOGACHIEL 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 #	PP27XG	Old Segment ID #	WA-20-1030
Stream Route #	15.186	Water Resource Inventory Area	20
Township	28N	Waterbody Grid #	
Range	13W	Grid Latitude	
Section	20	Grid Longitude	
Basis for Consideration of Listing	Quileute Tribal data (submitted by Ron Figler-Barnes on 2/27/96) show 4 excursions beyond the criterion out of 5 samples at RM 9.8 between 1992 and 1995.		
Remarks			

Water Name	CALAWAH RIVER, N.F.		
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 #	EC88TW	Old Segment ID #	WA-20-1050
Stream Route #	0	Water Resource Inventory Area	20
Township	29N	Waterbody Grid #	
Range	13W	Grid Latitude	
Section	36	Grid Longitude	
Basis for Consideration of Listing	Quileute Tribal data (submitted by Ron Figler-Barnes on 2/27/96) show 12 excursions beyond the criterion at RM 2.0 during 1995.		
Remarks	<p>Comments submitted by the Quileute Tribe Katie Kruger on 10/31/97) and Rayonier (Julie Dieu on 10/30/97) state that the recent watershed analysis conducted on the North Fork Calawah basin shows that the temperature exceedances are a natural condition and not the result of human activities. The analyses showed that the geologic composition of the streams in the watershed is the main reason for high temperature. Also, the period of time when the criterion are exceeded are not a concern for the protection of the fisheries in these streams.</p> <p>Ecology staff that were represented on the Watershed Analysis Team for the North Fork Calawah (Craig Graber in 2/3/98 judgement) concur that the high temperatures for these streams are a natural condition due to geology. These streams should not been placed on the list for temperature.</p>		

Water Name	CANYON CREEK		
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 #	YX94MB	Old Segment ID #	WA-20-2600
Stream Route #	0	Water Resource Inventory Area	20
Township	27N	Waterbody Grid #	
Range	11W	Grid Latitude	
Section	25	Grid Longitude	
Basis for Consideration of Listing	Hoh Tribal data (submitted by Jim Hatten on 9/16/93) show 2 excursions beyond the criterion between 7/1/92 and 8/31/92.		
Remarks			

Water Name	COAL 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 #	CG80EL	Old Segment ID #	WA-20-5010
Stream Route #	4.609	Water Resource Inventory Area	20
Township	29N	Waterbody Grid #	
Range	15W	Grid Latitude	
Section	35	Grid Longitude	
Basis for Consideration of Listing	Quileute Tribe data show numerous excursions beyond the criterion between 6/23/92 and 9/28/92 at T29-R15W-S35.		
Remarks			

Water Name	COAL 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 #	CG80EL	Old Segment ID #	WA-20-5010
Stream Route #	0	Water Resource Inventory Area	20
Township	28N	Waterbody Grid #	
Range	15W	Grid Latitude	
Section	12	Grid Longitude	
Basis for Consideration of Listing	Quileute Tribe data show numerous excursions beyond the criterion between 6/23/92 and 9/28/92 at T28N-R15W-S12 .		
Remarks			

Water Name	CROOKED CREEK, N.F.		
Parameter	Temperature	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	AS33ML	Old Segment ID #	WA-20-6210
Stream Route #	0.049	Water Resource Inventory Area	20
Township	30N	Waterbody Grid #	
Range	14W	Grid Latitude	
Section	18	Grid Longitude	
Basis for Consideration of Listing	Quileute Tribe data show numerous excursions beyond the criterion between 6/23/92 and 9/28/92 .		
Remarks			

Water Name	DEVILS 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 #	BC88HZ	Old Segment ID #	WA-20-1054
Stream Route #	0	Water Resource Inventory Area	20
Township	29N	Waterbody Grid #	
Range	12W	Grid Latitude	
Section	15	Grid Longitude	
Basis for Consideration of Listing	Quileute Tribal data (submitted by Ron Figler-Barnes on 2/27/96) show 5 excursions beyond the criterion near the mouth during 1995.		
Remarks	<p>Comments submitted by the Quileute Tribe Katie Kruger on 10/31/97) and Rayonier (Julie Dieu on 10/30/97) state that the recent watershed analysis conducted on the North Fork Calawah basin shows that the temperature exceedances are a natural condition and not the result of human activities. The analyses showed that the geologic composition of the streams in the watershed is the main reason for high temperature. Also, the period of time when the criterion are exceeded are not a concern for the protection of the fisheries in these streams.</p> <p>Ecology staff that were represented on the Watershed Analysis Team for the North Fork Calawah (Craig Graber in 2/3/98 judgement) concur that the high temperatures for these streams are a natural condition due to geology. These streams should not been placed on the list for temperature.</p>		

Water Name	DICKEY RIVER, E.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 #	GM16OG	Old Segment ID #	WA-20-5200
Stream Route #	0.768	Water Resource Inventory Area	20
Township	29N	Waterbody Grid #	
Range	14W	Grid Latitude	
Section	29	Grid Longitude	
Basis for Consideration of Listing	Quileute Tribe data show numerous excursions beyond the criterion between 7/19/90 and 9/20/90 at T29N-R14W-S29 .		
Remarks			

Water Name	DICKEY RIVER, E.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 #	GM16OG	Old Segment ID #	WA-20-5200
Stream Route #	23.317	Water Resource Inventory Area	20
Township	30N	Waterbody Grid #	
Range	13W	Grid Latitude	
Section	30	Grid Longitude	
Basis for Consideration of Listing	Quileute Tribe data show numerous excursions beyond the criterion between 7/19/90 and 9/20/90 at T30N-R13W-S30.		
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	DICKY RIVER, W.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 #	KJ18QR	Old Segment ID #	WA-20-5100
Stream Route #	20.001	Water Resource Inventory Area	20
Township	30N	Waterbody Grid #	
Range	14W	Grid Latitude	
Section	21	Grid Longitude	
Basis for Consideration of Listing	Quileute Tribe data show numerous excursions beyond the criterion between 7/19/90 and 10/14/91 at T30-R14W-S21.		
Remarks			

Water Name	DICKY RIVER, W.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 #	KJ18QR	Old Segment ID #	WA-20-5100
Stream Route #	0	Water Resource Inventory Area	20
Township	29N	Waterbody Grid #	
Range	14W	Grid Latitude	
Section	30	Grid Longitude	
Basis for Consideration of Listing	Quileute Tribe data show numerous excursions beyond the criterion between 7/19/90 and 10/14/91 at T29N-R14W-S30 .		
Remarks			

Water Name	EDUCKET 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 #	SM20DN	Old Segment ID #	WA-20-4050
Stream Route #	0	Water Resource Inventory Area	20
Township	33N	Waterbody Grid #	
Range	15W	Grid Latitude	
Section	15	Grid Longitude	
Basis for Consideration of Listing	Makah Indian Tribal data (submitted by Donna Chapman on 9/29/91) show 1 excursion beyond the State criterion on 9/4/91.		
Remarks	This waterbody is entirely on Makah Indian Reservation and does not fall under the jurisdiction of the state.		

Water Name	EDUCKET 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 #	SM20DN	Old Segment ID #	WA-20-4050
Stream Route #	0	Water Resource Inventory Area	20
Township	33N	Waterbody Grid #	
Range	15W	Grid Latitude	
Section	15	Grid Longitude	
Basis for Consideration of Listing	Makah Indian Tribal data (submitted by Donna Chapman on 9/29/91) show 1 excursion beyond the State criterion on 6/27/91.		
Remarks	This waterbody is entirely on Makah Indian Reservation and does not fall under the jurisdiction of the state.		

Water Name	ELK 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 #	OZ81SL	Old Segment ID #	WA-20-2275
Stream Route #	0.917	Water Resource Inventory Area	20
Township	27N	Waterbody Grid #	
Range	12W	Grid Latitude	
Section	35	Grid Longitude	
Basis for Consideration of Listing	Horrocks and Lombard, 1995. , 10 excursions beyond the criterion out of 62 samples (16%) at RM 1.8 during 1994.		
Remarks			

Water Name	FAHNESTOCK 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 #	NO-ID	Old Segment ID #	WA-20-1052
Stream Route #	0	Water Resource Inventory Area	20
Township	29N	Waterbody Grid #	
Range	12W	Grid Latitude	
Section	29	Grid Longitude	
Basis for Consideration of Listing	Quileute Tribal data (submitted by Ron Figler-Barnes on 2/27/96) show 3 excursions beyond the criterion near the mouth during 1995.		
Remarks	<p>Comments submitted by the Quileute Tribe Katie Kruger on 10/31/97) and Rayonier (Julie Dieu on 10/30/97) state that the recent watershed analysis conducted on the North Fork Calawah basin shows that the temperature exceedances are a natural condition and not the result of human activities. The analyses showed that the geologic composition of the streams in the watershed is the main reason for high temperature. Also, the period of time when the criterion are exceeded are not a concern for the protection of the fisheries in these streams.</p> <p>Ecology staff that were represented on the Watershed Analysis Team for the North Fork Calawah (Craig Graber in 2/3/98 judgement) concur that the high temperatures for these streams are a natural condition due to geology. These streams should not been placed on the list for temperature.</p> <p>There is no WASWIS ID for this segment. The stream drains to the North Fork Calawha River (RM 4.7).</p>		

Water Name FISHER CREEK

Parameter Temperature **Mediu** Water

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

New Segment ID # FA00MP **Old Segment ID #** WA-20-2090

Stream Route # 3.759 **Water Resource Inventory Area** 20

Township 27N **Waterbody Grid #**

Range 10W **Grid Latitude**

Section 34 **Grid Longitude**

Basis for Consideration of Listing
Hoh Tribal data (submitted by Jim Hatten on 9/16/93) show 47 excursions beyond the criterion between 7/1/92 and 8/31/92.

Remarks

Water Name HOBUCK CREEK

Parameter Dissolved Oxygen **Mediu** Water

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

New Segment ID # PE77DJ **Old Segment ID #** WA-20-3100

Stream Route # 2.35 **Water Resource Inventory Area** 20

Township 33N **Waterbody Grid #**

Range 15W **Grid Latitude**

Section 28 **Grid Longitude**

Basis for Consideration of Listing
Makah Indian Tribal data (submitted by Donna Chapman on 9/29/91) show 1 excursion beyond the State criterion on 9/4/91.

Remarks
This waterbody is entirely on Makah Indian Reservation and does not fall under the jurisdiction of the state.

Water Name	HOBUCK 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 #	PE77DJ	Old Segment ID #	WA-20-3100
Stream Route #	2.35	Water Resource Inventory Area	20
Township	33N	Waterbody Grid #	
Range	15W	Grid Latitude	
Section	28	Grid Longitude	
Basis for Consideration of Listing	Makah Indian Tribal data (submitted by Donna Chapman on 9/29/91) show 1 excursion beyond the State criterion on 9/9/91.		
Remarks	This waterbody is entirely on Makah Indian Reservation and does not fall under the jurisdiction of the state.		

Water Name	KAHKWA 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 #	QQ72JD	Old Segment ID #	WA-20-1200
Stream Route #	0.176	Water Resource Inventory Area	20
Township	28N	Waterbody Grid #	
Range	12W	Grid Latitude	
Section	33	Grid Longitude	
Basis for Consideration of Listing	Hoh Tribal data (submitted by Jim Hatten on 9/16/93) show 13 excursions beyond the criterion between 7/1/92 and 8/31/92.		
Remarks	These measurements were collected in Olympic National Park virgin old growth forest and represent natural conditions, which are not a violation of state standards.		

Water Name LAKE CREEK

Parameter Temperature **Mediu** Water

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

New Segment ID # EL07WK **Old Segment ID #** WA-20-1035

Stream Route # 2.31 **Water Resource Inventory Area** 20

Township 30N **Waterbody Grid #**

Range 13W **Grid Latitude**

Section 34 **Grid Longitude**

Basis for Consideration of Listing
 Quileute Tribal data (submitted by Ron Figler-Barnes on 2/27/96) show 16 excursions beyond the criterion out of 20 samples at RM 2.75 between 1992 and 1995.

Remarks

Water Name LAKE CREEK

Parameter Dissolved Oxygen **Mediu** Water

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

New Segment ID # EL07WK **Old Segment ID #** WA-20-1035

Stream Route # 2.31 **Water Resource Inventory Area** 20

Township 30N **Waterbody Grid #**

Range 13W **Grid Latitude**

Section 34 **Grid Longitude**

Basis for Consideration of Listing
 Quileute Tribal data (submitted by Ron Figler-Barnes on 2/27/96) show 8 excursions beyond the criterion out of 20 samples at RM 2.75 between 1992 and 1995.

Remarks

Water Name LAKE CREEK

Parameter Temperature **Mediu** Water

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

New Segment ID # EL07WK **Old Segment ID #** WA-20-1035

Stream Route # 2.132 **Water Resource Inventory Area** 20

Township 30N **Waterbody Grid #**

Range 13W **Grid Latitude**

Section 33 **Grid Longitude**

Basis for Consideration of Listing
 Quileute Tribal data (submitted by Ron Figler-Barnes on 2/27/96) show 5 excursions beyond the criterion out of 7 samples at RM 2 between 1994 and 1995.

Remarks

Water Name LAKE CREEK

Parameter Dissolved Oxygen **Mediu** Water

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

New Segment ID # EL07WK **Old Segment ID #** WA-20-1035

Stream Route # 2.132 **Water Resource Inventory Area** 20

Township 30N **Waterbody Grid #**

Range 13W **Grid Latitude**

Section 33 **Grid Longitude**

Basis for Consideration of Listing
 Quileute Tribal data (submitted by Ron Figler-Barnes on 2/27/96) show 7 excursions beyond the criterion out of 7 samples at RM 2 between 1994 and 1995.

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	MAXFIELD 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 #	YH73YS	Old Segment ID #	WA-20-1033
Stream Route #	0	Water Resource Inventory Area	20
Township	28N	Waterbody Grid #	
Range	14W	Grid Latitude	
Section	28	Grid Longitude	
Basis for Consideration of Listing	Quileute Tribal data show numerous excursions beyond the criterion between 6/22/92 and 9/28/92 at T28N-R14W-S28.		
Remarks			

Water Name	MOSQUITO 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 #	CU57HI	Old Segment ID #	WA-20-1300
Stream Route #	0	Water Resource Inventory Area	20
Township	28N	Waterbody Grid #	
Range	12W	Grid Latitude	
Section	35	Grid Longitude	
Basis for Consideration of Listing	Hoh Tribal data (submitted by Jim Hatten on 9/16/93) show 2 excursions beyond the criterion between 7/1/92 and 8/31/92.		
Remarks	These measurements were collected in Olympic National Park virgin old growth forest and represent natural conditions, which are not a violation of state standards.		

Water Name	NOLAN 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 #	MF35YT	Old Segment ID #	WA-20-2150
Stream Route #	1.831	Water Resource Inventory Area	20
Township	26N	Waterbody Grid #	
Range	13W	Grid Latitude	
Section	24	Grid Longitude	
Basis for Consideration of Listing	Hoh Tribal data (submitted by Jim Hatten on 9/16/93) show 49 excursions beyond the criterion between 7/1/92 and 8/31/92.		
Remarks			

Water Name	OWL 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 #	QH68OQ	Old Segment ID #	WA-20-2500
Stream Route #	0	Water Resource Inventory Area	20
Township	27N	Waterbody Grid #	
Range	11W	Grid Latitude	
Section	35	Grid Longitude	
Basis for Consideration of Listing	Hatten, 1992. , shows 18 excursions beyond the criterion in 1991.; Hoh Tribe data (submitted by Jim Hatten on 9/16/93) show 34 excursions beyond the criterion between 7/1/92 and 8/31/92.		
Remarks			

Water Name

Parameter **Mediu**

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

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

Stream Route # **Water Resource Inventory Area**

Township **Waterbody Grid #**

Range **Grid Latitude**

Section **Grid Longitude**

Basis for Consideration of Listing

Remarks

Water Name

Parameter **Mediu**

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

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

Stream Route # **Water Resource Inventory Area**

Township **Waterbody Grid #**

Range **Grid Latitude**

Section **Grid Longitude**

Basis for Consideration of Listing

Remarks

Water Name

Parameter **Mediu**

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

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

Stream Route # **Water Resource Inventory Area**

Township **Waterbody Grid #**

Range **Grid Latitude**

Section **Grid Longitude**

Basis for Consideration of Listing

Remarks

Water Name

Parameter **Mediu**

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

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

Stream Route # **Water Resource Inventory Area**

Township **Waterbody Grid #**

Range **Grid Latitude**

Section **Grid Longitude**

Basis for Consideration of Listing

Remarks

Water Name

Parameter **Mediu**

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

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

Stream Route # **Water Resource Inventory Area**

Township **Waterbody Grid #**

Range **Grid Latitude**

Section **Grid Longitude**

Basis for Consideration of Listing

Remarks

Water Name

Parameter **Mediu**

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

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

Stream Route # **Water Resource Inventory Area**

Township **Waterbody Grid #**

Range **Grid Latitude**

Section **Grid Longitude**

Basis for Consideration of Listing

Remarks

Water Name

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	SOLEDUCK RIVER		
Parameter	Dissolved Oxygen	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> Yes	Listed in 1996	<input type="checkbox"/> Yes Action Needed TMDL
New Segment ID #	EC91QM	Old Segment ID #	WA-20-1020
Stream Route #	21.809	Water Resource Inventory Area	20
Township	29N	Waterbody Grid #	
Range	13W	Grid Latitude	
Section	28	Grid Longitude	
Basis for Consideration of Listing	Quileute Tribal data (submitted by Ron Figler-Barnes on 2/27/96) show 2 excursions beyond the criterion out of 3 samples at RM 19 between 1992 and 1995.		
Remarks			

Water Name	SOOES RIVER		
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 #	UU86DS	Old Segment ID #	WA-20-3000
Stream Route #	4.125	Water Resource Inventory Area	20
Township	32N	Waterbody Grid #	
Range	15W	Grid Latitude	
Section	08	Grid Longitude	
Basis for Consideration of Listing	Makah Indian Tribal data (submitted by Donna Chapman on 9/29/91) show 3 excursions beyond the State criterion on 6/27/91, 7/24/91 and 9/4/91.		
Remarks	The data from this waterbody was collected on Makah Indian Reservation. Although the river originates off of Reservation land, the sampling location represents the section of the river on the Reservation and does not fall under the jurisdiction of the state.		

Water Name	SOOES RIVER		
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 #	UU86DS	Old Segment ID #	WA-20-3000
Stream Route #	4.125	Water Resource Inventory Area	20
Township	32N	Waterbody Grid #	
Range	15W	Grid Latitude	
Section	08	Grid Longitude	
Basis for Consideration of Listing	Makah Indian Tribal data (submitted by Donna Chapman on 9/29/91) show 1 excursion beyond the State criterion on 7/24/91.		
Remarks	The data from this waterbody was collected on Makah Indian Reservation. Although the river originates off of Reservation land, the sampling location represents the section of the river on the Reservation and does not fall under the jurisdiction of the state.		

Water Name	SOOES 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 #	UU86DS	Old Segment ID #	WA-20-3000
Stream Route #	4.125	Water Resource Inventory Area	20
Township	32N	Waterbody Grid #	
Range	15W	Grid Latitude	
Section	08	Grid Longitude	
Basis for Consideration of Listing	Makah Indian Tribal data (submitted by Donna Chapman on 9/29/91) show 2 excursions beyond the State criterion on 5/8/91 and 6/14/91.		
Remarks	The data from this waterbody was collected on Makah Indian Reservation. Although the river originates off of Reservation land, the sampling location represents the section of the river on the Reservation and does not fall under the jurisdiction of the state.		

Water Name	SPLIT 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 #	FA00MP	Old Segment ID #	WA-20-2100
Stream Route #	3.759	Water Resource Inventory Area	20
Township	27N	Waterbody Grid #	
Range	10W	Grid Latitude	
Section	34	Grid Longitude	
Basis for Consideration of Listing	Hatten, 1992. , shows 47 excursions beyond the criterion in 1991; Hoh Tribal data (submitted by Jim Hatten on 9/16/93) show 54 excursions beyond the criterion between 7/1/92 and 8/31/92.		
Remarks			

Water Name	TOWER 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 #	CT28XK	Old Segment ID #	WA-20-2350
Stream Route #	0.588	Water Resource Inventory Area	20
Township	27N	Waterbody Grid #	
Range	11W	Grid Latitude	
Section	28	Grid Longitude	
Basis for Consideration of Listing	Hoh Tribal data (submitted by Jim Hatten on 9/16/93) show 2 excursions beyond the criterion between 7/1/92 and 8/31/92.		
Remarks			

Water Name	UNNAMED 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 #	YU75QK	Old Segment ID #	WA-20-2800
Stream Route #	2.132	Water Resource Inventory Area	20
Township	27N	Waterbody Grid #	
Range	10W	Grid Latitude	
Section	14	Grid Longitude	
Basis for Consideration of Listing	Hoh Tribal data (submitted by Jim Hatten on 9/16/93) show 6 excursions beyond the criterion between 7/1/92 and 8/31/92.		
Remarks	These measurements were collected in Olympic National Park virgin old growth forest and represent natural conditions, which are not a violation of state standards.		

Water Name	UPPER COOL CREEK		
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 #	SB91HX	Old Segment ID #	WA-20-1053
Stream Route #	0	Water Resource Inventory Area	20
Township	29N	Waterbody Grid #	
Range	12W	Grid Latitude	
Section	29	Grid Longitude	
Basis for Consideration of Listing	Quileute Tribal data (submitted by Ron Figler-Barnes on 2/27/96) show 2 excursions beyond the criterion near the mouth during 1995.		
Remarks	<p>Comments submitted by the Quileute Tribe Katie Kruger on 10/31/97) and Rayonier (Julie Dieu on 10/30/97) state that the recent watershed analysis conducted on the North Fork Calawah basin shows that the temperature exceedances are a natural condition and not the result of human activities. The analyses showed that the geologic composition of the streams in the watershed is the main reason for high temperature. Also, the period of time when the criterion are exceeded are not a concern for the protection of the fisheries in these streams.</p> <p>Ecology staff that were represented on the Watershed Analysis Team for the North Fork Calawah (Craig Graber in 2/3/98 judgement) concur that the high temperatures for these streams are a natural condition due to geology. These streams should not been placed on the list for temperature.</p>		

Water Name	WAATCH RIVER		
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 #	TV11LG	Old Segment ID #	WA-20-4000
Stream Route #	0	Water Resource Inventory Area	20
Township	33N	Waterbody Grid #	
Range	15W	Grid Latitude	
Section	20	Grid Longitude	
Basis for Consideration of Listing	Makah Indian Tribal data (submitted by Donna Chapman on 9/29/91) show 1 excursion beyond the State criterion on 6/5/91.		
Remarks	This waterbody is entirely on Makah Indian Reservation and does not fall under the jurisdiction of the state.		

Water Name	WAATCH 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 #	TV11LG	Old Segment ID #	WA-20-4000
Stream Route #	0	Water Resource Inventory Area	20
Township	33N	Waterbody Grid #	
Range	15W	Grid Latitude	
Section	20	Grid Longitude	
Basis for Consideration of Listing	Makah Indian Tribal data (submitted by Donna Chapman on 9/29/91) show 1 excursion beyond the State criterion on 7/5/91.		
Remarks	This waterbody is entirely on Makah Indian Reservation and does not fall under the jurisdiction of the state.		

Water Name	WAATCH 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 #	TV11LG	Old Segment ID #	WA-20-4000
Stream Route #	0	Water Resource Inventory Area	20
Township	33N	Waterbody Grid #	
Range	15W	Grid Latitude	
Section	20	Grid Longitude	
Basis for Consideration of Listing	Makah Indian Tribal data (submitted by Donna Chapman on 9/29/91) show 1 excursion beyond the State criterion on 9/11/91.		
Remarks	This waterbody is entirely on Makah Indian Reservation and does not fall under the jurisdiction of the state.		

Water Name	WILLOUGHBY CREEK		
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 #	DQ24XR	Old Segment ID #	WA-20-2300
Stream Route #	0	Water Resource Inventory Area	20
Township	27N	Waterbody Grid #	
Range	12W	Grid Latitude	
Section	25	Grid Longitude	
Basis for Consideration of Listing	Hatten, 1992. , shows 16 excursions beyond the criterion in 1991. ; Hoh Tribe data (submitted by Jim Hatten on 9/16/93) show 35 excursions beyond the criterion between 7/1/92 and 8/31/92.		
Remarks			

Water Name	WINFIELD 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 #	GV87TG	Old Segment ID #	WA-20-2270
Stream Route #	0.142	Water Resource Inventory Area	20
Township	27N	Waterbody Grid #	
Range	12W	Grid Latitude	
Section	34	Grid Longitude	
Basis for Consideration of Listing	Hoh Tribal data (submitted by Jim Hatten on 9/16/93) show 44 excursions beyond the criterion between 7/1/92 and 8/31/92.		
Remarks			