

Final 1998 Section 303(d) List - WRIA 2

Water Name	EAST SOUND		
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 #	390KRD	Old Segment ID #	WA-02-0050
Stream Route #		Water Resource Inventory Area	2
Township		Waterbody Grid #	48122G8E8
Range		Grid Latitude	48.645
Section		Grid Longitude	122.885
Basis for Consideration of Listing	1 excursion beyond the criterion out of 43 samples (2%) at Ecology ambient monitoring station EAS001 between 9/91 and 9/96.		
Remarks	A single excursion does not meet the Water Quality Program policy for listing		

Water Name	EAST SOUND		
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-02-0050
Stream Route #		Water Resource Inventory Area	2
Township		Waterbody Grid #	48122G8E8
Range		Grid Latitude	48.645
Section		Grid Longitude	122.885
Basis for Consideration of Listing	21 excursions beyond the criterion out of 43 samples (49%) at Ecology ambient monitoring station EAS001 between 9/91 and 9/96.		
Remarks	These excursions beyond the criterion are a natural condition with no direct human caused influence due to stratification based on the 6/97 judgement of John Glynn (Dept. of Ecology).		

Water Name	EAST SOUND		
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-02-0050
Stream Route #		Water Resource Inventory Area	2
Township		Waterbody Grid #	48122G8E8
Range		Grid Latitude	48.645
Section		Grid Longitude	122.885
Basis for Consideration of Listing	17 excursions beyond the criterion out of 43 samples (40%) at Ecology ambient monitoring station EAS001 between 9/91 and 9/96.		
Remarks	<p>These excursions beyond the criterion are a natural condition with no direct human caused influence due to solar heating based on the 6/97 judgement of Jan Newton (Dept. of Ecology).</p> <p>Mistakenly identified old segment WA-06-0010 on the proposed list based on these data.</p>		

Water Name	ROSARIO STRAIT		
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-0200
Stream Route #		Water Resource Inventory Area	2
Township		Waterbody Grid #	48122I9A5
Range		Grid Latitude	48.805
Section		Grid Longitude	122.955
Basis for Consideration of Listing	13 excursions beyond the criterion out of 42 samples (31%) at Ecology ambient monitoring station GRG002 between 9/91 and 9/96.		
Remarks	<p>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).</p>		

Water Name	ROSARIO STRAIT		
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-0200
Stream Route #		Water Resource Inventory Area	2
Township		Waterbody Grid #	48122I9A5
Range		Grid Latitude	48.805
Section		Grid Longitude	122.955
Basis for Consideration of Listing	19 excursions beyond the criterion out of 42 samples (45%) at Ecology ambient monitoring station GRG002 between 9/91 and 9/96.		
Remarks	These excursions beyond the criterion in this segment are the result of natural conditions influence from upwelled deep Pacific Ocean water based on the 6/97 judgement of Jan Newton (Dept. of Ecology).		

Water Name	SAN JUAN CHANNEL		
Parameter	Fecal Coliform	Mediu	Water
Place on 1998 List?	<input checked="" type="checkbox"/> Yes	Listed in 1996	<input checked="" type="checkbox"/> Yes Action Needed <input type="checkbox"/> TMDL
New Segment ID #	390KRD	Old Segment ID #	WA-02-0030
Stream Route #		Water Resource Inventory Area	2
Township		Waterbody Grid #	48123F0D1
Range		Grid Latitude	48.535
Section		Grid Longitude	123.015
Basis for Consideration of Listing	Determan and Kendra, 1986. , excursions beyond the criterion are caused by boat wastes in Friday Harbor.		
Remarks	Boat wastes from Friday Harbor were contributing to the excursions beyond the criterion identified in the in the 1986 report based on the 5/97 judgement of Joe Joy (Dept. of Ecology).		

Water Name	SAN JUAN CHANNEL		
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-02-0030
Stream Route #		Water Resource Inventory Area	2
Township		Waterbody Grid #	48122F9E8
Range		Grid Latitude	48.545
Section		Grid Longitude	122.985
Basis for Consideration of Listing	Two excursions beyond the criterion at Ecology ambient monitoring station SJI001 on 8/4/86 and 8/3/87.		
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	SAN JUAN CHANNEL		
Parameter	Dissolved Oxygen	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed <input type="checkbox"/> None
New Segment ID #	390KRD	Old Segment ID #	WA-02-0030
Stream Route #		Water Resource Inventory Area	2
Township		Waterbody Grid #	48122F9E8
Range		Grid Latitude	48.545
Section		Grid Longitude	122.985
Basis for Consideration of Listing	Ten excursions beyond the criterion at Ecology ambient monitoring station SJI001 between 1984 and 1987.		
Remarks	These excursions beyond the criterion are a natural condition due to the influence of from upwelled deep Pacific Ocean water based on the 6/97 judgement of Jan Newton (Dept. of Ecology)		

Water Name	SAN JUAN CHANNEL		
Parameter	pH	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input type="checkbox"/> No Action Needed <input type="checkbox"/> None
New Segment ID #	390KRD	Old Segment ID #	WA-02-0030
Stream Route #		Water Resource Inventory Area	2
Township		Waterbody Grid #	48122F9E8
Range		Grid Latitude	48.545
Section		Grid Longitude	122.985
Basis for Consideration of Listing	One excursion beyond the criterion at Ecology ambient monitoring station SJI001 on 6/9/86.		
Remarks	A single excursion beyond the criterion does not meet the Water Quality Program Policy for listing. Also, this excursion beyond the criterion has not been repeated and there is no evidence that a direct human caused influence is significant based on the 6/97 judgement of Jan Newton (Dept. of Ecology).		

Water Name	SAN JUAN CHANNEL		
Parameter	Fecal Coliform	Mediu	Water
Place on 1998 List?	<input type="checkbox"/> No	Listed in 1996	<input checked="" type="checkbox"/> Yes Action Needed <input type="checkbox"/> None
New Segment ID #	390KRD	Old Segment ID #	WA-02-0030
Stream Route #		Water Resource Inventory Area	2
Township		Waterbody Grid #	48122F9E8
Range		Grid Latitude	48.545
Section		Grid Longitude	122.985
Basis for Consideration of Listing	One excursion beyond the criterion at Ecology ambient monitoring station SJI001 in 11/86.		
Remarks	The single excursion at station SJI001 (located in the channel) was a natural condition with no direct human caused influence based on the 5/97 judgement of John Glynn (Dept. of Ecology) .		

Water Name	SAN JUANS OUTER WEST SIDE		
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-02-0020
Stream Route #		Water Resource Inventory Area	2
Township		Waterbody Grid #	48123H0D3
Range		Grid Latitude	48.735
Section		Grid Longitude	123.035
Basis for Consideration of Listing	Three excursions beyond the criterion at Ecology ambient monitoring station HRO001 on 8/12/85, 8/4/86, and 8/3/87.		
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	SAN JUANS OUTER WEST SIDE		
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 #	390KRD	Old Segment ID #	WA-02-0020
Stream Route #		Water Resource Inventory Area	2
Township		Waterbody Grid #	48123H0D3
Range		Grid Latitude	48.735
Section		Grid Longitude	123.035
Basis for Consideration of Listing	One excursion beyond the criterion at Ecology ambient monitoring station HRO001 in 11/86.		
Remarks	A single excursion beyond the criterion does not meet the Water Quality Program Policy for listing.		

Water Name	SAN JUANS OUTER WEST SIDE		
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 #	390KRD	Old Segment ID #	WA-02-0020
Stream Route #		Water Resource Inventory Area	2
Township		Waterbody Grid #	48123H0D3
Range		Grid Latitude	48.735
Section		Grid Longitude	123.035
Basis for Consideration of Listing	Two excursions beyond the criterion at Ecology ambient monitoring station HRO001 on 6/9/86 and 11/3/87.		
Remarks	These excursions beyond the criterion have not been replicated and there is no evidence that a direct human caused influence is significant based on the 6/97 judgement of Jan Newton (Dept. of Ecology).		

Water Name	SAN JUANS OUTER WEST SIDE		
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-02-0020
Stream Route #		Water Resource Inventory Area	2
Township		Waterbody Grid #	48123H0D3
Range		Grid Latitude	48.735
Section		Grid Longitude	123.035
Basis for Consideration of Listing	Nine excursions beyond the criterion at Ecology ambient monitoring station HRO001 between 1/1/90 and 1/1/92.		
Remarks	These excursions beyond the criterion are a natural condition due to the influence from upwelled deep Pacific Ocean water based on the 6/97 judgement of Jan Newton (Dept. of Ecology).		

Water Name	WEST SOUND, HARNEY CHANNEL, & LOPEZ SOUND		
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-02-0040
Stream Route #		Water Resource Inventory Area	2
Township		Waterbody Grid #	48122F8B5
Range		Grid Latitude	48.515
Section		Grid Longitude	122.855
Basis for Consideration of Listing	6 excursions beyond the criterion out of 28 samples (21%) at Ecology ambient monitoring station LOP001 between 9/91 and 9/96.		
Remarks	These excursions beyond the criterion are a natural condition due to influence from upwelled deep water 6/97 judgement of Jan Newton (Dept. of Ecology).		

Water Name	WEST SOUND, HARNEY CHANNEL, & LOPEZ SOUND		
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-02-0040
Stream Route #		Water Resource Inventory Area	2
Township		Waterbody Grid #	48122F8B5
Range		Grid Latitude	48.515
Section		Grid Longitude	122.855
Basis for Consideration of Listing	4 excursions beyond the criterion out of 28 samples (14%) at Ecology ambient monitoring station LOP001 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 based on the 6/97 judgement of Jan Newton (Dept. of Ecology).		