

# Final 1998 Section 303(d) List - WRIA 11

<b>Water Name</b>	<input type="text" value="CATT CREEK"/>		
<b>Parameter</b>	<input type="text" value="Temperature"/>	<b>Mediu</b>	<input type="text" value="Water"/>
<b>Place on 1998 List?</b>	<input type="checkbox" value="Yes"/>	<b>Listed in 1996</b>	<input type="checkbox" value="No"/> <b>Action Needed</b> <input type="text" value="TMDL"/>
<b>New Segment ID #</b>	<input type="text" value="SG29YL"/>	<b>Old Segment ID #</b>	<input type="text" value="WA-11-1050"/>
<b>Stream Route #</b>	<input type="text" value="0"/>	<b>Water Resource Inventory Area</b>	<input type="text" value="11"/>
<b>Township</b>	<input type="text" value="14N"/>	<b>Waterbody Grid #</b>	<input type="text"/>
<b>Range</b>	<input type="text" value="07E"/>	<b>Grid Latitude</b>	<input type="text"/>
<b>Section</b>	<input type="text" value="18"/>	<b>Grid Longitude</b>	<input type="text"/>
<b>Basis for Consideration of Listing</b>	<input type="text" value="2 excursions beyond the criterion sampled between 7/1/96 and 9/1/96 sampled by Gifford Pinchot National Forest (submitted by Jon Gier on 10/29/97)"/>		
<b>Remarks</b>	<input type="text"/>		

<b>Water Name</b>	<input type="text" value="CLEAR LAKE"/>		
<b>Parameter</b>	<input type="text" value="Total Phosphorus"/>	<b>Mediu</b>	<input type="text" value="Water"/>
<b>Place on 1998 List?</b>	<input type="checkbox" value="Yes"/>	<b>Listed in 1996</b>	<input type="checkbox" value="No"/> <b>Action Needed</b> <input type="text" value="TMDL"/>
<b>New Segment ID #</b>	<input type="text" value="650HOS"/>	<b>Old Segment ID #</b>	<input type="text" value="WA-11-9050"/>
<b>Stream Route #</b>	<input type="text" value="0"/>	<b>Water Resource Inventory Area</b>	<input type="text" value="11"/>
<b>Township</b>	<input type="text" value="16N"/>	<b>Waterbody Grid #</b>	<input type="text"/>
<b>Range</b>	<input type="text" value="03E"/>	<b>Grid Latitude</b>	<input type="text"/>
<b>Section</b>	<input type="text" value="31"/>	<b>Grid Longitude</b>	<input type="text"/>
<b>Basis for Consideration of Listing</b>	<input type="text" value="Data Collected by the Thurston County and Dept. of Ecology (submitted by Sue Davis on 10/30/97) show eutrophic conditions and impacts to recreation caused by severe algae blooms."/>		
<b>Remarks</b>	<input type="text"/>		

<b>Water Name</b>	CLEAR LAKE		
<b>Parameter</b>	Total Phosphorus	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> Yes	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> TMDL
<b>New Segment ID #</b>	792UHY	<b>Old Segment ID #</b>	WA-11-9040
<b>Stream Route #</b>		<b>Water Resource Inventory Area</b>	11
<b>Township</b>	17N	<b>Waterbody Grid #</b>	
<b>Range</b>	04E	<b>Grid Latitude</b>	
<b>Section</b>	27	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	Completed Phase I State Clean Lakes Restoration Project in 1994: Tacoma-Pierce County Health Department, 1994.		
<b>Remarks</b>			

<b>Water Name</b>	HARTS LAKE		
<b>Parameter</b>	Total Phosphorus	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> Yes	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> TMDL
<b>New Segment ID #</b>	240QMC	<b>Old Segment ID #</b>	WA-11-9090
<b>Stream Route #</b>		<b>Water Resource Inventory Area</b>	11
<b>Township</b>	16N	<b>Waterbody Grid #</b>	
<b>Range</b>	03E	<b>Grid Latitude</b>	
<b>Section</b>	07	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	Singleton, 1983. , eutrophic conditions causing fish kills and hypolimnetic anoxia.		
<b>Remarks</b>	Not proposed for the 1998 list because of the 8/97 judgement of Dept. of Ecology SWRO staff that these old data do not represent current conditions. Comment and further information received from Anthony Whiley of the Nisqually Tribe on 10/13/97 disagreed with this judgement. Studies conducted by the tribe on nearby lakes have shown that conditions are likely the same or worse. The basin lead at SWRO (Bob Duffy on 1/28/97) reviewed the information submitted and concurred with the comment. Since there is no evidence that trophic state has improved since 1983, and other lakes in the area have also not improved, Harts lake is likely at the same trophic state as was measured in 1983.		

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**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**

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**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**

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**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**

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**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**

<b>Water Name</b>	NISQUALLY REACH/DRAYTON PASSAGE		
<b>Parameter</b>	pH	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> No <b>Action Needed</b> <input type="checkbox"/> None
<b>New Segment ID #</b>	390KRD	<b>Old Segment ID #</b>	WA-PS-0290
<b>Stream Route #</b>		<b>Water Resource Inventory Area</b>	11
<b>Township</b>		<b>Waterbody Grid #</b>	47122B7B0
<b>Range</b>		<b>Grid Latitude</b>	47.115
<b>Section</b>		<b>Grid Longitude</b>	122.705
<b>Basis for Consideration of Listing</b>	1 excursion beyond the criterion at Ecology ambient monitoring station NSQ001 on 7/20/87.		
<b>Remarks</b>	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)		

<b>Water Name</b>	NISQUALLY REACH/DRAYTON PASSAGE		
<b>Parameter</b>	Temperature	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> No <b>Action Needed</b> <input type="checkbox"/> None
<b>New Segment ID #</b>	390KRD	<b>Old Segment ID #</b>	WA-PS-0290
<b>Stream Route #</b>		<b>Water Resource Inventory Area</b>	11
<b>Township</b>		<b>Waterbody Grid #</b>	47122B6B9
<b>Range</b>		<b>Grid Latitude</b>	47.115
<b>Section</b>		<b>Grid Longitude</b>	122.695
<b>Basis for Consideration of Listing</b>	23 excursions beyond the criterion at Ecology ambient monitoring station NSQ001 between 1985 and 1991.		
<b>Remarks</b>	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)		

<b>Water Name</b>	NISQUALLY REACH/DRAYTON PASSAGE		
<b>Parameter</b>	Dissolved Oxygen	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> No <b>Action Needed</b> <input type="checkbox"/> None
<b>New Segment ID #</b>	<input type="text" value="390KRD"/>	<b>Old Segment ID #</b>	<input type="text" value="WA-PS-0290"/>
<b>Stream Route #</b>	<input type="text"/>	<b>Water Resource Inventory Area</b>	<input type="text" value="11"/>
<b>Township</b>	<input type="text"/>	<b>Waterbody Grid #</b>	<input type="text" value="47122B6B9"/>
<b>Range</b>	<input type="text"/>	<b>Grid Latitude</b>	<input type="text" value="47.115"/>
<b>Section</b>	<input type="text"/>	<b>Grid Longitude</b>	<input type="text" value="122.695"/>
<b>Basis for Consideration of Listing</b>	3 excursions beyond the criterion at Ecology ambient monitoring station NSQ001 on 10/28/86, 9/21/87, and 10/8/90.		
<b>Remarks</b>	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 Jan Newton (Dept. of Ecology)		

<b>Water Name</b>	NISQUALLY REACH/DRAYTON PASSAGE		
<b>Parameter</b>	Fecal Coliform	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input checked="" type="checkbox"/> Yes	<b>Listed in 1996</b>	<input checked="" type="checkbox"/> Yes <b>Action Needed</b> <input type="text" value="TMDL"/>
<b>New Segment ID #</b>	<input type="text" value="390KRD"/>	<b>Old Segment ID #</b>	<input type="text" value="WA-PS-0290"/>
<b>Stream Route #</b>	<input type="text"/>	<b>Water Resource Inventory Area</b>	<input type="text" value="11"/>
<b>Township</b>	<input type="text"/>	<b>Waterbody Grid #</b>	<input type="text" value="47122B6B9"/>
<b>Range</b>	<input type="text"/>	<b>Grid Latitude</b>	<input type="text" value="47.115"/>
<b>Section</b>	<input type="text"/>	<b>Grid Longitude</b>	<input type="text" value="122.695"/>
<b>Basis for Consideration of Listing</b>	2 excursions beyond the criterion at Ecology ambient monitoring station NSQ001 in 11/89 and 9/90.		
<b>Remarks</b>	<input type="text"/>		

<b>Water Name</b>	NISQUALLY RIVER		
<b>Parameter</b>	Fecal Coliform	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> Yes	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> <input type="checkbox"/> None
<b>New Segment ID #</b>	OE72JI	<b>Old Segment ID #</b>	WA-11-1010
<b>Stream Route #</b>	5.653	<b>Water Resource Inventory Area</b>	11
<b>Township</b>	18N	<b>Waterbody Grid #</b>	
<b>Range</b>	01E	<b>Grid Latitude</b>	
<b>Section</b>	08	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	2 excursions beyond the upper criterion out of 36 samples at Ecology ambient monitoring station 11A070 (RM 3.4) between 9/91 and 9/96. ;		
<b>Remarks</b>			

<b>Water Name</b>	NISQUALLY RIVER		
<b>Parameter</b>	Fecal Coliform	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> <input type="checkbox"/> None
<b>New Segment ID #</b>	LA17ZC	<b>Old Segment ID #</b>	WA-11-1020
<b>Stream Route #</b>	0.82	<b>Water Resource Inventory Area</b>	11
<b>Township</b>	17N	<b>Waterbody Grid #</b>	
<b>Range</b>	02E	<b>Grid Latitude</b>	
<b>Section</b>	28	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	1 excursion beyond the upper criterion out of 12 samples at Ecology ambient monitoring station 11A080 (RM 21.8) between 9/91 and 9/96.		
<b>Remarks</b>	A single excursion beyond the criterion does not meet the Water Quality Program policy for listing this segment for this parameter. The old segment WA-11-1010 was proposed in error. The station 11A080 is on old segement WA-12-1010.		

<b>Water Name</b>	NISQUALLY RIVER		
<b>Parameter</b>	Chromium	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> No <b>Action Needed</b> <input type="checkbox"/> None
<b>New Segment ID #</b>	OE72JI	<b>Old Segment ID #</b>	WA-11-1010
<b>Stream Route #</b>	5.653	<b>Water Resource Inventory Area</b>	11
<b>Township</b>	18N	<b>Waterbody Grid #</b>	
<b>Range</b>	01E	<b>Grid Latitude</b>	
<b>Section</b>	08	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	One excursion beyond the criterion at Ecology ambient monitoring station 11A070 (RM 3.4) on 10/26/88.		
<b>Remarks</b>	A single excursion beyond the criterion does not meet the Water Quality Program Policy for listing.		

<b>Water Name</b>	NISQUALLY RIVER		
<b>Parameter</b>	Temperature	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> No <b>Action Needed</b> <input type="checkbox"/> None
<b>New Segment ID #</b>	OE72JI	<b>Old Segment ID #</b>	WA-11-1010
<b>Stream Route #</b>	5.653	<b>Water Resource Inventory Area</b>	11
<b>Township</b>	18N	<b>Waterbody Grid #</b>	
<b>Range</b>	01E	<b>Grid Latitude</b>	
<b>Section</b>	08	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	One excursion beyond the criterion at Ecology ambient monitoring station 11A070 (RM 3.4) on 6/25/86.		
<b>Remarks</b>	A single excursion beyond the criterion does not meet the Water Quality Program Policy for listing.		

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**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**

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**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**