

# **Eld Inlet Watershed**

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**WRIA 13**

**Chapter Includes:**

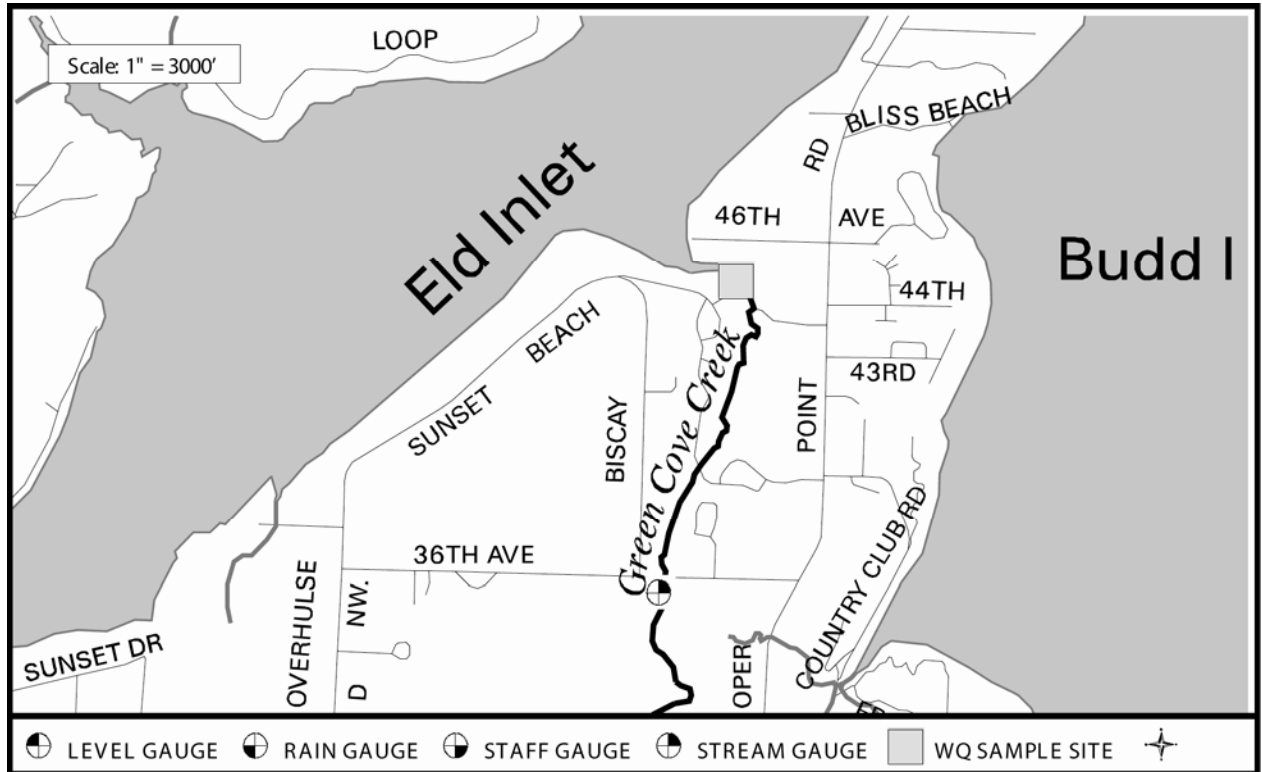
**Green Cove Creek**

**McLane Creek**

**Perry Creek**



# Green Cove Creek #0133



## PART OF ELD WATERSHED

**LENGTH OF CREEK:** 3.6 miles

**BASIN SIZE:** 3.5 square miles

**STREAM ORDER:** 2

## PRIMARY LAND USES:

Agriculture  
Rural residential

**FISHERIES RESOURCES:** (From A Catalog of Washington Streams and Salmon Utilization, WDOF)

Coho  
Chum

## GENERAL TOPOGRAPHY:

This creek originates in Lake Louise and associated wetlands and flows under Evergreen Parkway. The creek then flows through a ravine and empties into Eld Inlet at Green Cove.

**GENERAL WATER QUALITY:** (Excellent, Good, Fair, Poor)

Good - Part II of the fecal coliform standard was violated in 2005/06 water year. All other standards were met.

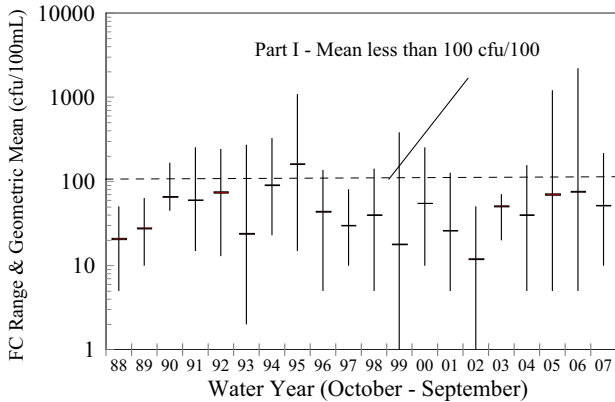
## OTHER DATA:

Thurston County Environmental Health Division, (360) 754-4111 or [www.co.thurston.wa.us/health/ehswat/swater.htm](http://www.co.thurston.wa.us/health/ehswat/swater.htm)

Thurston County Water and Waste Management Department, (360) 357-2491 or [www.co.thurston.wa.us/monitoring](http://www.co.thurston.wa.us/monitoring)

## Green Cove Creek

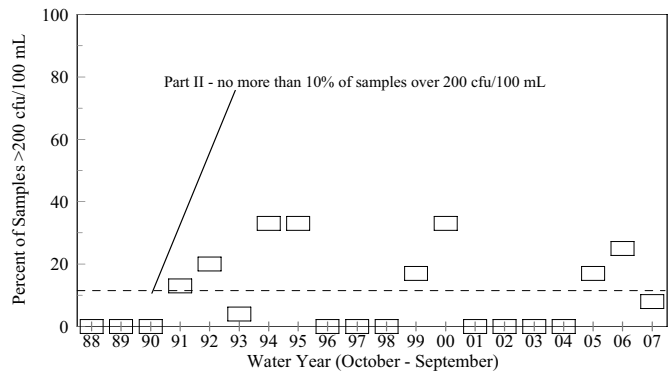
Part I of Fecal Coliform Standard



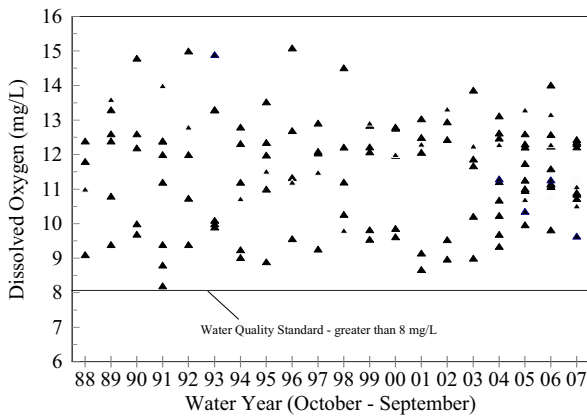
The water quality standard for fecal coliform bacteria has two parts: part I - the geometric mean shall not exceed 100 colonies/100 mL of sample *and*, part II - no more than 10% of the samples shall exceed 200 colonies/100 mL.

Green Cove Creek usually meets Part I of the bacteria standard, but occasionally fails Part II. In water year 2005/06 the creek met only Part I and failed Part II with 25% of the samples greater than 200 colonies per 100 ml. In 2006/07 it met both parts.

Part II of Fecal Coliform Standard



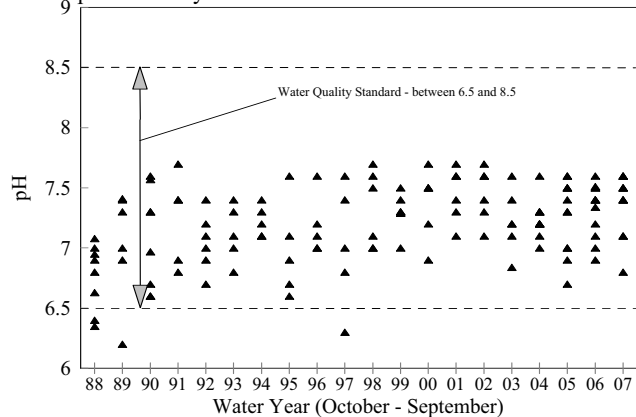
Dissolved Oxygen Levels by Year



The water quality standard for dissolved oxygen is a lowest one-day minimum of 8.0 mg/L. There have been no recorded dissolved oxygen violations since 1988.

The standard for pH requires the pH to be within the range of 6.5 to 8.5. The pH measurements have been within the acceptable range since 1998. Only four measurements in the entire data record were outside the pH standard range.

pH Levels by Year



Green Cove Creek has been monitored by Thurston County since 1988, when the Early Action Watershed Planning effort was underway for Eld Inlet. The creek flows through rural areas as well as the more densely developed residential areas. The City of Olympia and Thurston County have adopted special stormwater and land use regulations to protect Green Cove Creek from being degraded.

**Major Issues:**

- Urban development
- Stormwater runoff

**Funding Sources:**

- Local Storm and Surface Water Utility

**Water Quality Summary**  
Conventional Parameters  
**Green Cove Creek**

Parameter	Units	WQ Standard WAC 173-201A	Water Year Data: 2005/06 & 2006/07				Cumulative Data: 1988-2005	
			Water Year	Mean	Range	# samples violating standard	Mean	Range
Temperature	° C	Highest 7-DAD Max of 17.5 ° C	05/06		4.42 – 14.09	0 of 12	0.40 – 17.40	
			06/07		5.13 – 15.62	0 of 12		
Dissolved Oxygen	mg/L	Lowest one-day minimum of 8.0	05/06		9.82 – 14.0	0 of 12	8.2 – 15.1	
			06/07		9.64 – 12.4	0 of 12		
Conductivity	µmhos/cm		05/06	104	49 - 163		94	
			06/07	103	52 - 162			
pH		6.5 - 8.5	05/06	7.4*	6.9 – 7.6	0 of 12	7.2*	
			06/07	7.4*	6.8 - 7.6	0 of 12		
Turbidity	NTU	not to exceed 5 NTU over background	05/06	5.3	0.5 - 43	1 of 12	3.4	
			06/07	2.1	0 – 9.5	1 of 12		
Fecal Coliform	colonies/100 mL	GMV: ≤100 and ≤ 10% not to exceed 200	05/06	76**	5 - 2181	% exceeding 200	39**	
			06/07	52**	10 - 215			25% 8%
Total Phosphorus	mg/L		05/06	0.039	0.021 – 0.063		0.040	
			06/07	0.039	0.018 - 0.067			
Nitrate + Nitrite-nitrogen	mg/L		05/06	0.819	0.321 – 1.56		0.562	
			06/07	0.700	0.182 – 1.45			

\* Median

\*\* Geometric mean value (GMV)

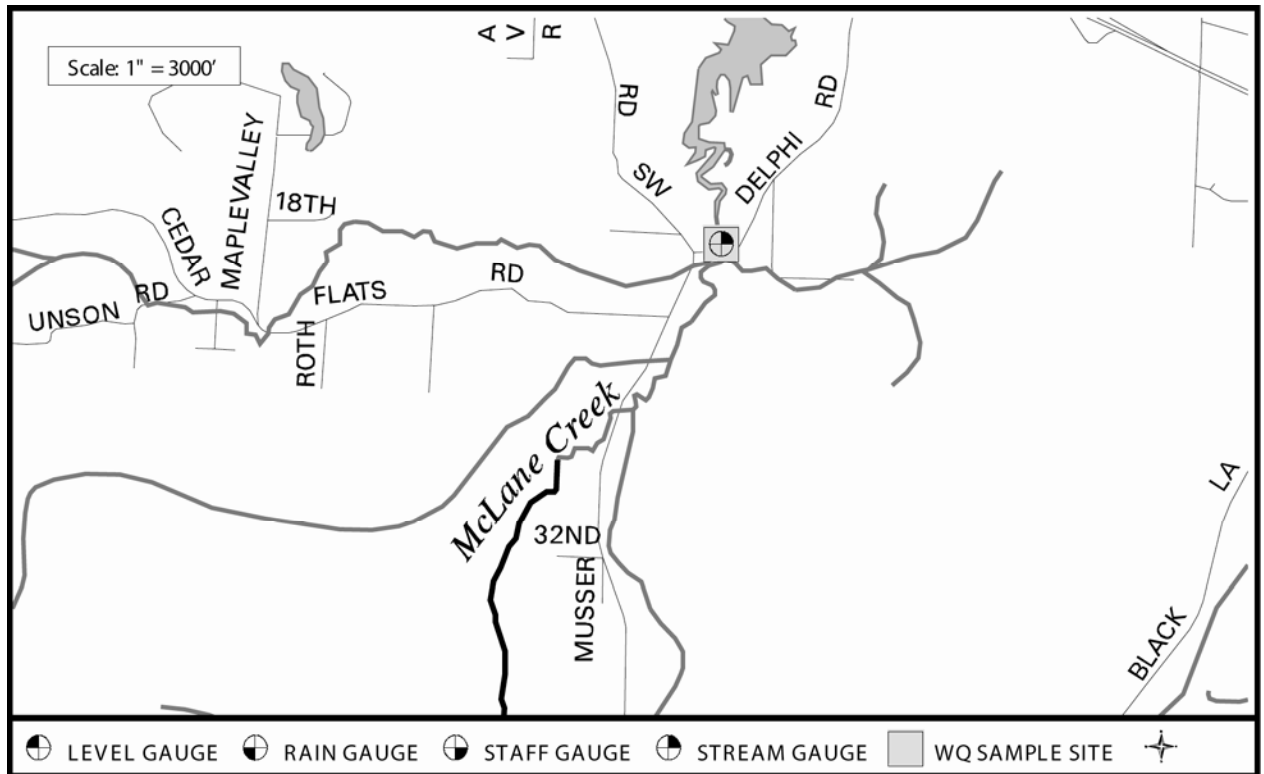
**Thurston County Water Resources Monitoring Report 2005 - 2006**      *Green Cove Creek @ Mouth*

<i>Date</i>	<i>Time</i>	<i>Temp C</i>	<i>pH</i>	<i>DO mg/L</i>	<i>Cond @25c umhos/cm</i>	<i>FC cfu/100mL</i>	<i>Turb NTU</i>	<i>Flow cfs</i>	<i>TP mg/L</i>	<i>NOx mg/L</i>	<i>COMMENTS</i>	
10/10/2005	11:30:00 AM	11.23	7.5	11.15	140	98	1.3	0.43	0.063	0.914	Turb standard recall of lot used to cal YSI on this date. Results could be up to 8% lower than the true turb value.	
11/7/2005	12:40:00 PM	7.64	7.1	11.59	67	65	3.0	8.16	0.042	0.324		
12/5/2005	11:15:00 AM	4.42	7.2	14.02	73	2181	1.3	3.12	0.034	0.321		
1/3/2006	12:15:00 PM	6.23	6.9	13.16	49	80	43.0	21.10	0.031	0.572		
2/6/2006	11:20:00 AM	5.38	7.0	12.58	49	15	5.0	22.10	0.021	0.400		
3/14/2006	3:30:00 PM	6.90	7.4	9.82	71	5	2.7	4.93	0.024	0.470		
4/24/2006	11:30:00 AM	9.84	7.4	12.25	96	10	2.7	2.26	0.024	0.549		Lots of algae growth; brown and small amount of green attached.
5/15/2006	1:15:00 PM	12.54	7.6	11.08	120	315	0.9	1.24	0.036	0.925		
6/13/2006	12:20:00 PM	13.67	7.4	11.16	115	295	1.4	1.01	0.042	0.749		
7/10/2006	12:45:00 PM	14.09	7.5	11.27	150	45	0.8	0.37	0.050	1.490		
8/8/2006	12:30:00 PM	13.94	7.5	12.29	160	80	0.5	0.28	0.049	1.550		Samples not stored at proper temperature for 3-5 days, NO2+NO3 may be high
9/12/2006	12:00:00 PM	12.83	7.3	10.74	163	80	0.6	0.27	0.051	1.560		

**Thurston County Water Resources Monitoring Report 2006 - 2007**      *Green Cove Creek @ Mouth*

<i>Date</i>	<i>Time</i>	<i>Temp C</i>	<i>pH</i>	<i>DO mg/L</i>	<i>Cond @25c umhos/cm</i>	<i>FC cfu/100mL</i>	<i>Turb NTU</i>	<i>Flow cfs</i>	<i>TP mg/L</i>	<i>NOx mg/L</i>	<i>COMMENTS</i>
10/9/2006	10:30:00 AM	10.23	7.4	10.85	162	10	0.8	0.23	0.046	1.450	
11/14/2006	11:30:00 AM	7.03	6.8	12.37	58	45	2.7	13.97	0.031	0.216	
12/11/2006	11:20:00 AM	6.75	7.1	12.44	57	80	4.8	12.50	0.026	0.182	
1/24/2007	1:00:00 PM	5.13	7.4	11.07	71	15	1.1	4.77	0.018	0.447	
2/20/2007	12:30:00 PM	6.86	7.1	10.73	52	155	9.5	25.20	0.043	0.339	
3/20/2007	12:30:00 PM	8.48	7.4	7.0	70	10	0.0	6.47	0.028	0.279	DO not working
4/26/2007	4:00:00 PM	11.18	7.6	12.23	94	10	0.6	3.14	0.031	0.464	
5/17/2007	11:40:00 AM	10.62	7.6	12.32	114	150	0.8	1.26	0.036	0.783	
6/12/2007	5:00:00 PM	12.84	7.6	10.90	130	95	0.8	0.66	0.042	0.992	
7/23/2007	1:45:00 PM	15.62	7.5	9.64	130	215	0.7	0.72	0.053	0.742	
8/21/2007	12:15:00 PM	14.33	7.5	10.52	155	130	0.4	0.24	0.050	1.280	
9/17/2007	11:45:00 AM	13.35	7.5	11.27	143	75	3.4	0.58	0.067	1.220	

# McLane Creek #0138



## PART OF ELD WATERSHED

**LENGTH OF CREEK:** 14.5 miles

**BASIN SIZE:** 11.5 square miles

**STREAM ORDER:** 3

## PRIMARY LAND USES:

Rural residential  
Agriculture  
Forestry

**FISHERIES RESOURCES:** (From [A Catalog of Washington Streams and Salmon Utilization](#), WDOF)

Coho  
Chum

**GENERAL TOPOGRAPHY:** This creek originates in the Alpine Hills area and flows through fairly level terrain, including wooded areas and open pastures. The creek empties into Eld Inlet in the Mud Bay estuary.

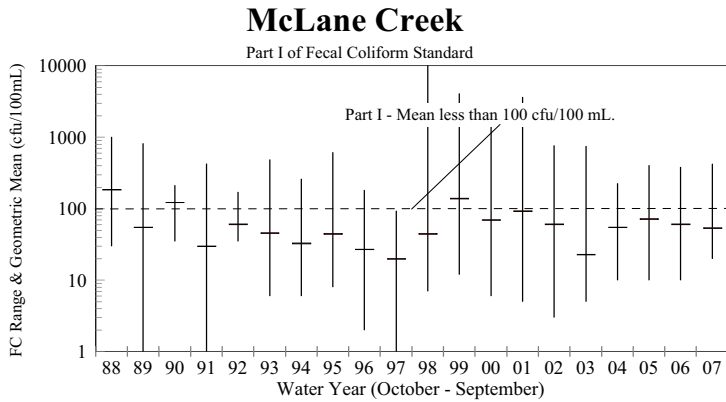
**GENERAL WATER QUALITY:**(Excellent, Good, Fair, Poor)

Good – The creek often fails Part II of the fecal coliform standard.

## OTHER DATA:

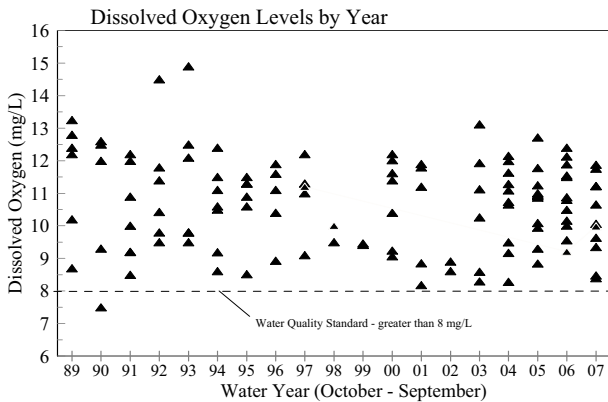
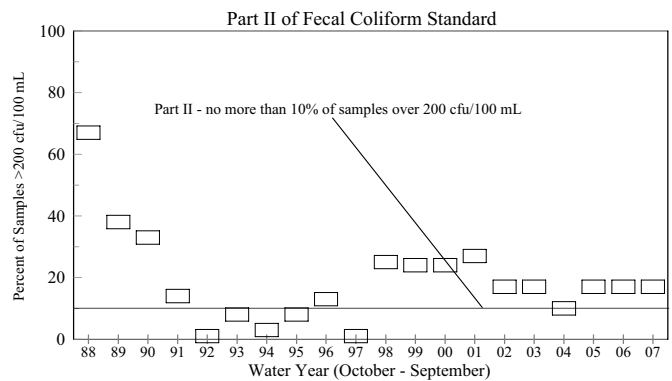
Thurston County Environmental Health Division, (360) 754-4111 or [www.co.thurston.wa.us/health/ehswat/swater.htm](http://www.co.thurston.wa.us/health/ehswat/swater.htm)

Thurston County Department of Water and Waste Management, (360) 357-2491 (flow data) or [www.co.thurston.wa.us/monitoring](http://www.co.thurston.wa.us/monitoring)



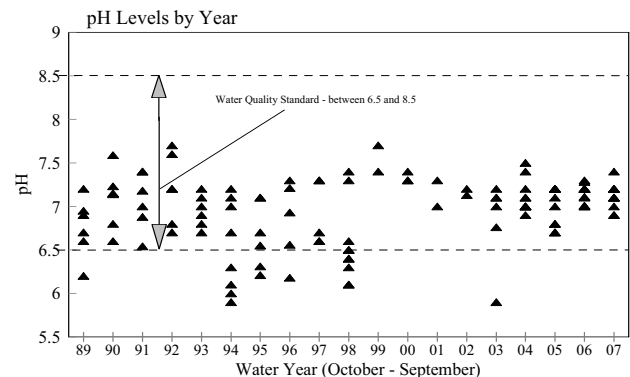
The water quality standard for fecal coliform has two parts: Part I - the geometric mean shall not exceed 100 colonies/100mL and Part II - no more than ten percent of the samples shall exceed 200 colonies/100mL.

The creek met part I of the standard in both water years 2005/06 & 2006/07. However, it failed part II with 17% of the samples greater than 200 colonies per 100 mL for both water years. The creek has frequently failed part II of the bacteria standard in recent water years.



The water quality standard for dissolved oxygen is a lowest one-day minimum of 8.0 mg/L. No violations of the standard have been recorded since 1990.

The standard for pH requires the pH to be within the range of 6.5 to 8.5. No pH violations were recorded in water years 2005/06 or 2006/07. However, there have been numerous measurements outside the pH standard, especially between 1994 and 1998.



McLane Creek has been monitored by Thurston County since 1983 when the first comprehensive water quality study work was done. This creek supports a significant fisheries resource. It is impacted primarily by agricultural sources of nonpoint pollution and forestry activities. During the 1990's many of the land owners in the basin adopted best management practices to reduce fecal coliform bacteria concentrations. Part II of the standard continues to be violated. As more summer low flow samples are collected, there appears to be a pattern of higher fecal coliform results during the dry season. Dry season segmenting of McLane Creek was done in 2006 and 2007. The fecal coliform data collected shows that the bacteria load may be impacting the creek between river mile 2.75 and 3.0.

**Major Issues:**

- Agricultural nonpoint sources.
- Logging practices.

**Funding Sources:**

- Local Storm and Surface Water Utility

**Water Quality Summary**  
Conventional Parameters  
McLane Creek

Parameter	Units	WQ Standard WAC 173-201A	Water Year Data: 2005/06 & 2006/07				Cumulative Data: 1988-2005	
			Water Year	Mean	Range	# samples violating standard	Mean	Range
Temperature	° C	Highest 7-DAD Max of 17.5 ° C	05/06		5.8 – 15.05	0 of 12		2.3 – 18.17
			06/07		5.72 – 15.36	0 of 12		
Dissolved Oxygen	mg/L	Lowest one-day minimum of 8.0	05/06		9.21 – 12.4	0 of 12		7.5 - 14.9
			06/07		8.39 – 11.9	0 of 12		
Conductivity	µmhos/cm		05/06	69	48 - 91		67	27 – 403
			06/07	68	44 - 92			
pH		6.5 - 8.5	05/06	7.2*	7.0 – 7.3	0 of 10	7.0*	5.9 - 7.7
			06/07	7.1*	6.9 - 7.4	0 of 12		
Turbidity	NTU	not to exceed 5 NTU over background	05/06	4.6	1.7 – 14.2	1 of 11	5.6	0.5 – 135
			06/07	5.3	0 - 18	2 of 12		
Fecal Coliform	colonies/100 mL	GMV: ≤100 and ≤10% not to exceed 200	05/06	61**	10 - 380	% exceeding 200	57**	0 – 17000
			06/07	54**	20 - 420			
Total Phosphorus	mg/L		05/06	0.028	0.012 - 0.066		0.030	<0.002 - 0.140
			06/07	0.034	0.018 - 0.096			
Nitrate+Nitrite-nitrogen	mg/L		05/06	0.363	0.14 - 0.931		0.355	0.104 – 0.830
			06/07	0.261	0.116 - 0.451			

\* Median  
\*\* Geometric mean value (GMV)

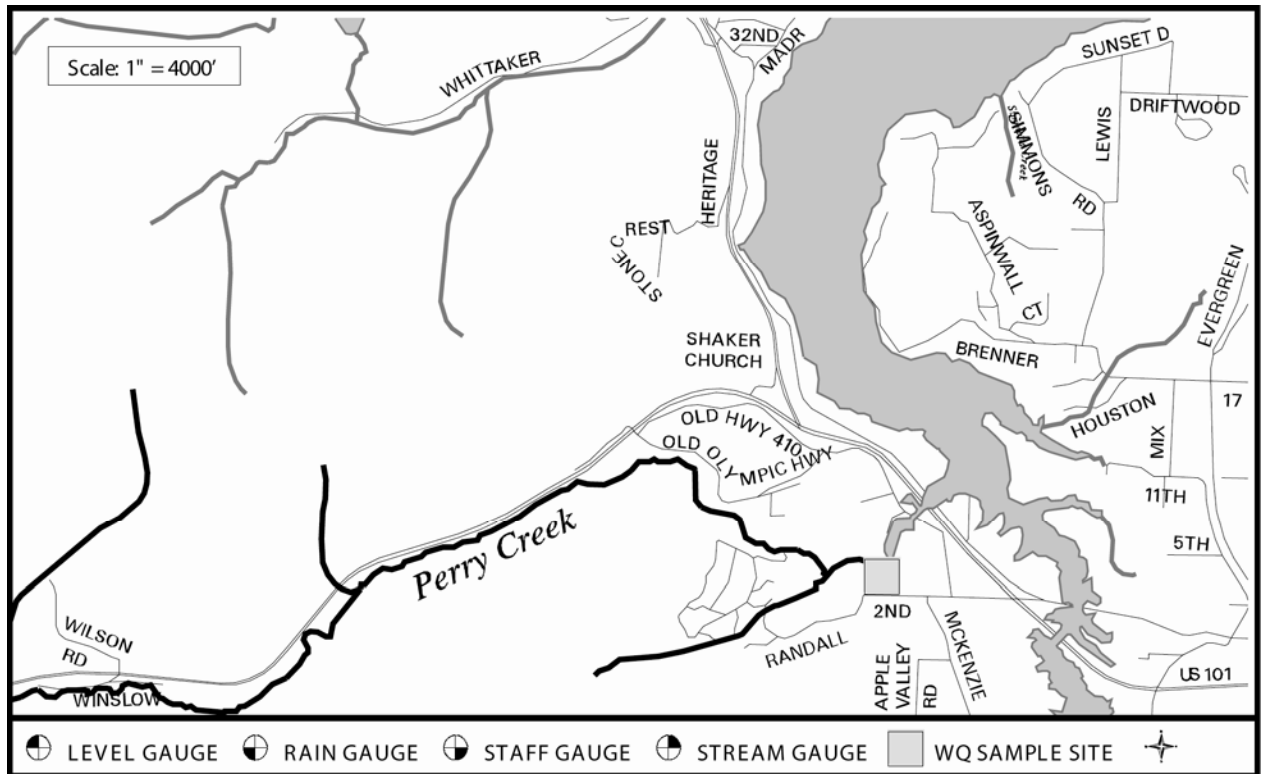
**Thurston County Water Resources Monitoring Report 2005 - 2006**      *McLane Creek @ Delphi Bridge*

<i>Date</i>	<i>Time</i>	<i>Temp C</i>	<i>pH</i>	<i>DO mg/L</i>	<i>Cond @25c umhos/cm</i>	<i>FC cfu/100mL</i>	<i>Turb NTU</i>	<i>Flow cfs</i>	<i>TP mg/L</i>	<i>NOx mg/L</i>	<i>COMMENTS</i>
10/10/2005	11:00:00 AM	11.04	7.2	10.01	91	95		3.36	0.035	0.140	No turbidity measurement
11/7/2005	12:30:00 PM	8.90	7.2	10.49	57	20	3.8		0.023	0.931	Fish spawning, no flows taken.
12/5/2005	11:00:00 AM	5.80	7.0	11.89	65	60	2.6		0.066	0.623	
1/3/2006	11:45:00 AM	7.54	7.1	12.40	50	10	3.0	117.20	0.020	0.589	
2/6/2006	11:00:00 AM	6.82	7.2	12.13	48	15	4.6		0.015	0.425	Too deep to do flow measurement.
3/15/2006	10:30:00 AM	6.46	7.0	9.56	56	40	3.3	48.30	0.012	0.440	
4/24/2006	11:00:00 AM	9.33	7.1	11.55	65	35	1.9	22.10	0.016	0.267	
5/15/2006	12:45:00 PM	12.79	7.3	10.80	71	30	1.8	9.41	0.020	0.224	
6/13/2006	11:40:00 AM	13.67	7.2	11.50	74	135	1.7	7.85	0.013	0.184	
7/10/2006	12:15:00 PM	15.05	7.2	10.16	85	260	3.1	3.39	0.035	0.205	
8/8/2006	12:00:00 PM	14.52	7.3	10.88	78	380	10.3	2.42	0.032	0.177	Samples not stored at proper temperature for 3-5 days, NO2+NO3 may be high. Monitoring done ~50' downstream from usual site due to dam made by kids, large amounts of attached brown algae on stream bottom.
9/12/2006	11:20:00 AM	12.46	7.0	9.21	89	190	14.2	1.84	0.049	0.146	

**Thurston County Water Resources Monitoring Report 2006 - 2007**      *McLane Creek @ Delphi Bridge*

<i>Date</i>	<i>Time</i>	<i>Temp C</i>	<i>pH</i>	<i>DO mg/L</i>	<i>Cond @25c umhos/cm</i>	<i>FC cfu/100mL</i>	<i>Turb NTU</i>	<i>Flow cfs</i>	<i>TP mg/L</i>	<i>NOx mg/L</i>	<i>COMMENTS</i>
10/9/2006	10:00:00 AM	10.55	7.0	9.35	92	210	7.5	2.52	0.032	0.116	
11/14/2006	11:00:00 AM	8.63	6.9	11.22	47	25	5.4		0.026	0.430	high flow, some fish
12/11/2006	11:00:00 AM	8.13	6.9	9.64	54	20	6.6		0.096	0.383	lots of fish
1/24/2007	11:30:00 AM	5.72	7.1	10.66	57	30	1.1	40.83	0.018	0.413	
2/20/2007	12:00:00 PM	7.10	7.2	10.06	44	30	11.3		0.033	0.451	Too fast too deep to wade
3/20/2007	12:00:00 PM	8.32	7.2	7.2	52	50	0.0	64.49	0.020	0.252	DO not working
4/26/2007	3:30:00 PM	10.86	7.2	11.76	60	20	0.9	24.69	0.019	0.183	
5/17/2007	11:00:00 AM	10.61	7.2	11.88	69	55	1.9	12.96	0.023	0.209	
6/12/2007	4:00:00 PM	13.69	7.4	11.22	76	130	1.9	7.70	0.024	0.193	
7/18/2007	12:45:00 PM	15.36	7.1	8.39	87	75	3.6	5.29	0.037	0.178	
8/21/2007	11:15:00 AM	14.66	7.1	8.48	90	23	5.9	3.46	0.034	0.164	
9/17/2007	11:30:00 AM	13.56	7.1	9.98	92	420	18.0	3.36	0.047	0.157	

# Perry Creek #0001



## PART OF ELD WATERSHED

**LENGTH OF CREEK:** 4.5 miles

**BASIN SIZE:** 4,064 acres

**STREAM ORDER:** 2

## PRIMARY LAND USES:

Rural residential  
Agriculture and Forestry

**FISHERIES RESOURCES:** (From A Catalog of Washington Streams and Salmon Utilization, WDOF)

Coho and Chum

## GENERAL TOPOGRAPHY:

This creek originates in wetlands and flows through a forested area. It winds through a gently rolling rural/residential area before dropping through wooded ravines. The creek has two falls within a mile of the mouth. The creek empties into Eld Inlet in the Mud Bay estuary.

**GENERAL WATER QUALITY:** (Excellent, Good, Fair, Poor)

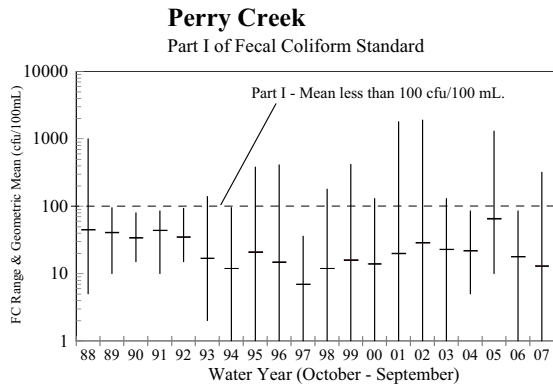
Good - Met all water quality standards except one turbidity violation in February 2007

## OTHER DATA:

Thurston County Environmental Health Division, (360) 754-4111 or [www.co.thurston.wa.us/health/ehswat/swater.htm](http://www.co.thurston.wa.us/health/ehswat/swater.htm)

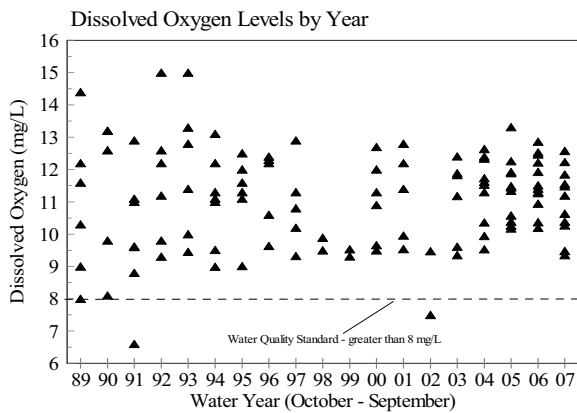
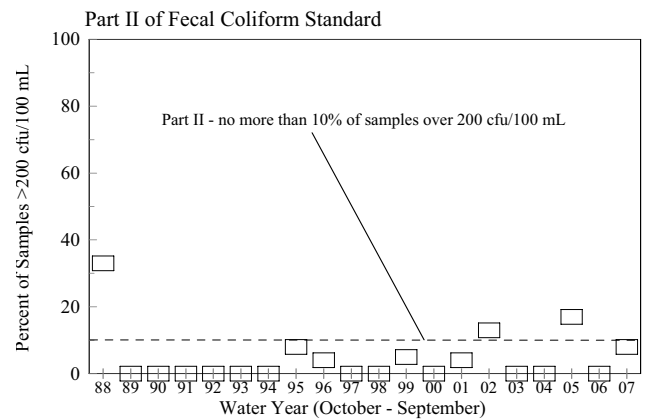
Washington Department of Ecology, Environmental Assessment Program, National Monitoring Program Project, (360) 407-6447

# Perry Creek #0001



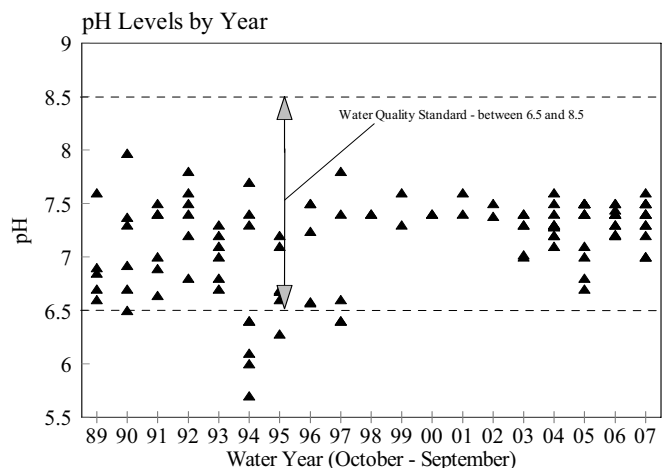
There have been no violations of part I. Part II of the standard was violated in 1988, 2002 and 2005.

The water quality standard for fecal coliform bacteria has two parts: Part I - the geometric mean shall not exceed 100 colonies/100 mL *and* Part II - no more than 10% of the samples shall exceed 200 colonies/100 mL.



The water quality standard for dissolved oxygen is a lowest one-day minimum of 8.0 mg/L. Throughout the period of record there have only been a few measurements below the minimum. There were no violations in 2005/06 or 2006/07.

The standard for pH requires the pH to be within the range of 6.5 to 8.5. Measurements have been within the pH standard range since 1997.



Perry Creek has been monitored by Thurston County since 1983. In the past, agricultural practices and septic systems have impacted this creek. In the early 1990's, a number of failing septic systems were identified and repaired. This creek supports a significant coho and chum fishery. The Washington Department of Ecology's Environmental Assessment Program had a ten year monitoring project that ended in 2002. Thurston County intends to continue long-term ambient monitoring in the basin.

**Major Issues:**

- Agricultural nonpoint pollution
- Segments of stream have on-site septic systems in close proximity

**Funding Sources:**

- Local Storm and Surface Water Utility

### Water Quality Summary Conventional Parameters Perry Creek

Parameter	Units	WQ Standard WAC 173-201A	Water Year Data: 2005/06 & 2006/07				Cumulative Data: 1988-2005	
			Water Year	Mean	Range	# samples violating standard	Mean	Range
Temperature	°C	Highest 7-DAD Max of 17.5 °C	05/06		5.83 – 13.9	0 of 12		1.7 - 16.80
			06/07		5.38 – 14.56	0 of 12		
Dissolved Oxygen	mg/L	Lowest one-day minimum of 8.0	05/06		10.2 – 12.9	0 of 12		6.6 - 15.0
			06/07		9.35 – 12.6	0 of 12		
Conductivity	µmhos/cm		05/06	76	52 - 99		71	34 - 243
			06/07	73	52 - 101			
pH		6.5 - 8.5	05/06	7.4*	7.2 – 7.5	0 of 12	7.3*	5.7 - 8.0
			06/07	7.4*	7 - 7.6	0 of 12		
Turbidity	NTU	not to exceed 5 NTU over background	05/06	1.58	0.2 – 4.3	0 of 12	4.18	0 - 160
			06/07	2.93	0.0 – 9.3	1 of 12		
Fecal Coliform	colonies/100 mL	GMV: ≤100 and ≤10% not to exceed 200	05/06	18**	0 - 85	% exceeding 200	18**	0 - 1900
			06/07	13**	0 - 320			
Total Phosphorus	mg/L		05/06	0.019	0.007 - 0.049		0.025	0.001 - 0.193
			06/07	0.030	0.013 - 0.106			
Nitrate+Nitrite-nitrogen	mg/L		05/06	0.406	0.231 - 0.732		0.358	0.125 - 0.599
			06/07	0.345	0.167 - 0.489			

\* Median  
\*\* Geometric mean value (GMV)

**Thurston County Water Resources Monitoring Report 2005 - 2006**      *Perry Creek off Perry Creek Rd*

<i>Date</i>	<i>Time</i>	<i>Temp C</i>	<i>pH</i>	<i>DO mg/L</i>	<i>Cond @25c umhos/cm</i>	<i>FC cfu/100mL</i>	<i>Turb NTU</i>	<i>Flow cfs</i>	<i>TP mg/L</i>	<i>NOx mg/L</i>	<i>COMMENTS</i>
10/10/2005	10:45:00 AM	10.68	7.4	10.94	95	45	0.6	1.41	0.026	0.321	Turb standard recall of lot used to cal YSI on this date. Results could be up to 8% lower than the true turb value.
11/7/2005	12:00:00 PM	8.54	7.4	11.30	62	15	4.3		0.024	0.732	Water high, tons of fish spawning. Did not measure flow.
12/5/2005	10:30:00 AM	5.83	7.2	12.47	69	15	1.6		0.049	0.490	Did not measure flow, still hundreds of live salmon spawning, lots of dead ones.
1/3/2006	11:15:00 AM	7.46	7.3	12.86	56	10	3.9	75.90	0.017	0.437	Lots of birds.
2/6/2006	10:30:00 AM	6.64	7.3	12.53	52	10	2.9	70.00	0.012	0.286	
3/15/2006	11:00:00 AM	6.31	7.2	10.19	59	0	2.5	29.20	0.011	0.326	F.C. result was <5.
4/24/2006	10:30:00 AM	8.50	7.4	12.22	66	85	1.0	12.47	0.007	0.231	
5/15/2006	12:00:00 PM	11.19	7.5	11.41	78	5	0.7	3.93	0.010	0.324	
6/13/2006	11:00:00 AM	13.15	7.5	11.51	83	60	0.5	2.59	0.010	0.292	
7/10/2006	11:45:00 AM	13.75	7.4	11.27	93	58	0.2	1.33	0.018	0.507	
8/8/2006	11:30:00 AM	13.90	7.4	11.93	99	15	0.3	0.82	0.019	0.426	Samples not stored at proper temperature for 3-5 days, NO2+NO3 may be high
9/12/2006	11:00:00 AM	11.52	7.2	10.37	99	30	0.5	0.41	0.023	0.505	

**Thurston County Water Resources Monitoring Report 2006 - 2007**      *Perry Creek off Perry Creek Rd*

<i>Date</i>	<i>Time</i>	<i>Temp C</i>	<i>pH</i>	<i>DO mg/L</i>	<i>Cond @25c umhos/cm</i>	<i>FC cfu/100mL</i>	<i>Turb NTU</i>	<i>Flow cfs</i>	<i>TP mg/L</i>	<i>NOx mg/L</i>	<i>COMMENTS</i>
10/9/2006	9:15:00 AM	9.93	7.2	10.38	64	10	0.8	0.66	0.018	0.465	
11/14/2006	10:40:00 AM	8.61	7.0	11.48	53	30	7.4		0.040	0.380	fish spawning, did not disturb
12/11/2006	10:15:00 AM	8.08	7.0	9.48	66	320	8.3		0.106	0.327	lots of fish, dead and alive
1/24/2007	10:45:00 AM	5.38	7.3	11.55	64	10	0.7	17.45	0.013	0.343	
2/20/2007	11:25:00 AM	6.84	7.3	10.63	52	35	9.3	133.17	0.030	0.398	
3/20/2007	11:40:00 AM	7.77	7.5		60	20	6.0	28.03	0.021	0.194	DO not working Unusually murky and cloudy, still smells like fish
4/26/2007	3:00:00 PM	10.21	7.5	12.23	68	0	0.5	9.54	0.014	0.167	F.C. result was <5.
5/17/2007	10:45:00 AM	9.82	7.5	12.58	77	0	0.1	5.04	0.016	0.261	F.C. result was <5.
6/12/2007	3:45:00 PM	12.68	7.6	11.85	84	10	0.0	2.69	0.017	0.307	
7/18/2007	12:15:00 PM	14.56	7.4	9.35	93	10	0.9	1.63	0.026	0.467	
8/21/2007	10:30:00 AM	12.65	7.4	10.27	99	5	0.4	0.68			EH lab analyzed sample for Nox; result was <1.0.
9/17/2007	11:00:00 AM	12.76	7.4	11.19	101	40	0.7	0.58	0.023	0.489	