



HORSESHOE LAKE MANAGEMENT COMMITTEE AGENDA

5:00 P.M. - THURSDAY, SEPTEMBER 13, 2012

Woodland Council Chambers

100 Davidson Avenue – Woodland, WA 98674

- I. Call to Order
- II. Mayor Comments
- III. Minute Approval - August 9, 2012
- IV. Continued Business
 - a. Pump Update
 - b. Water Quality and Sampling - Stacie Kelsey, WDFW
 - c. Decoys/Wildlife
 - d. Budget
 - e. Goals & Priorities
 - f. Agency Contact Information
 - g. State Department Requests
 - h. A Citizen's Guide to Lake Protection
- V. New Business
 - a. None
- VI. Other
 - a. Newspaper Article - Vancouver Lake Coho
 - b. Shoreline Management Plan Update
- VII. Adjourn - Next Meeting October 11, 2012 at 5:00 P.M.

CITY OF WOODLAND
HORSESHOE LAKE COMMITTEE MINUTES
AUGUST 9, 2012

The regular meeting of the Horseshoe Lake Management Committee was held on August 9, 2012, at the Woodland City Hall Council Chambers, 100 Davidson Avenue, Woodland, WA 98674.

Chair Tom Golik called the meeting to order at approximately 5:00 p.m. Roll call found the following:

COMMITTEE MEMBERS:

Tom Golik, Chairman
Walt Church
Mike Curry
Terry Jones
Francis Patnode
Pat Rychel
Jeff Sullivan (Absent)
Neil Van Horn

MAYOR/COUNCIL:

Scott Perry, Councilmember

STAFF:

Jody Bartkowski, Secretary (Absent)
Bart Stepp, Public Works Director

MINUTES

The July 12, 2012 minutes were approved as read.

CONTINUED BUSINESS

1. Lake Pump. The following points were made:

- The pump is on and working at 3,500-4,000 GPM.
- The valve will be closed to keep the water level up.
- According to Stacie with WDFW, the Washington State Department of Transportation (WSDOT) believes that the City of Woodland is responsible for permits for the operation and maintenance of the pump.
- The valve will be opened if divers are going to be in the area.

2. Water Sampling. Stacie Kelsey, Washington Department of Fish and Wildlife (WDFW) requested that a letter be sent to her by Wednesday authorizing testing and outlining the City's budget.

Baseline testing will begin on Thursday or Friday of next week. Jody Bartkowski will coordinate volunteer work. Mike Curry and Scott Perry will identify testing locations.

Ms. Kelsey distributed a form for volunteers to complete and suggested that a public meeting with presentations be held regarding this project.

3. Decoys/Wildlife. A sighting of either a muskrat or an otter was reported. Ms. Kelsey provided information on Goose Chase and Fog Force to be used as geese repellent in the grass at Horseshoe Lake Park. These products will be investigated and information presented to the Park Board for further action.

4. Budget. Discussion ensued regarding the 2013 budget.

Committee member Walt Church recommend the Mayor contact Clark and Cowlitz Counties regarding participation in funding for testing.

WDFW will provide additional cost information to the City to assist in the completion of the letter.

Committee member Neil Van Horn seconded the motion. Motion carried unanimously.

Ms. Kelsey distributed handouts for various funding programs.

5. Goals & Priorities. Open discussion was held on goals and priorities. Mr. Golik had a list but other members did not have lists available. Further discussion of this will occur at the next meeting.

6. Agency Contact List. Bart Stepp reported that a 2nd request letter for agency contacts was sent to agencies that had not responded to the first letter.

7. State Department Requests. Discussion was held regarding a letter requesting information on storm drainage from I-5 into the lake; including locations, sizes, etc. Public Works Staff will send letter to WSDOT requesting information on storm drains entering the lake from state right-of-way.

ADJOURNMENT

The meeting was adjourned at approximately 6:05 p.m. The next regular meeting will be held Thursday, September 13, 2012, at 5:00 p.m. at the Woodland City Hall Council Chambers.

Tom Golik - Chairman

Date

Bart Stepp - Public Works Director

Date

LAKE PUMP MAINTENANCE LOG

DATE	TIME	RIVER LEVEL (360) 225-1701	GREASE BEARING (3 Shots Per Month)	OIL ADDED	OIL (5 Drops Per Min)	GPM	TOTAL GALLONS PUMPED	BY (Initials)	COMMENTS
5/23	11:20					3973	938339	MRL	Mike London turned pump on
5/30	3:00 pm					4293	290281	MRL	Mike London
6-1	10:15 AM	6-3	✓	✓	✓	3840	371341	M.C.	
6-4	9:30 am					3780	507924	MRL	Mike London
6-7					✓		51557		
6-8	9:50 am	6-8		✓		4165	597610	M.C.	
6-12	11:30 AM	6-12		✓	✓	4235	898179	M.C.	
6/13	9:49					4500	941481	MRL	Mike London
6-15	7:30 AM	6-15		✓	✓	3764	563791	M.C.	
6-8	2:30 PM	6-8		✓	✓	4218	190193	M.C.	
6-22	2:45 PM			✓	✓	4245	382679	M.C.	
6-25	2:45 PM			✓	✓	4382	527150	M.C.	
6-29	2:50 PM			✓	✓	4460	722777	M.C.	
7/3	11:22 am					4220	907637	MRL	Mike London
7-6	2:45 PM		✓	✓	✓	4333	59128	M.C.	
7-9	2:45 PM			✓	✓	4279	200418	M.C.	
7-16	2:30 PM			✓	✓	4349	524688	M.C.	
7-20	7:45 AM			✓	✓	0	695383	M.C.	
7-23	9:30 AM			✓	✓	3834	836093	MRL	
7-30	10:45 AM			✓	✓	3531	148397	M.C.	

Lewis River Level
As of 8:00 A.M.

29-Jul-12	11.63
30-Jul-12	11.34
31-Jul-12	10.15
1-Aug-12	9.87
2-Aug-12	9.74
3-Aug-12	9.38
4-Aug-12	9.83
5-Aug-12	10.18
6-Aug-12	10.30
7-Aug-12	10.68
29-Aug-12	8.81
30-Aug-12	7.88
31-Aug-12	7.88
1-Sep-12	8.14
2-Sep-12	8.09
3-Sep-12	7.80
4-Sep-12	7.76
5-Sep-12	7.92
6-Sep-12	8.34
7-Sep-12	8.67
8-Sep-12	8.42
9-Sep-12	8.59
10-Sep-12	8.33
11-Sep-12	

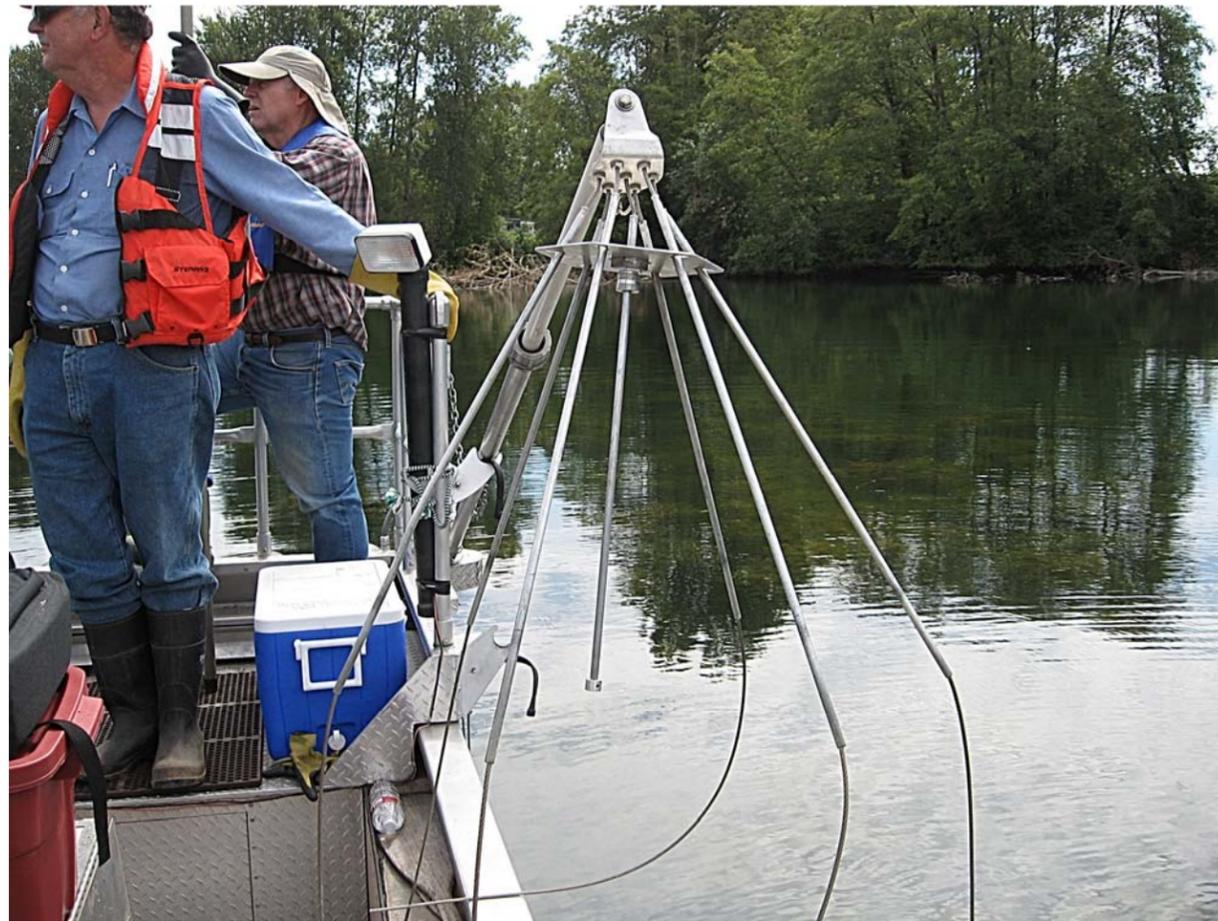


Horseshoe Lake Sampling - WDFW BOAT Date: 8-20-17

Location	Lat	Long	HydroLab 1 Ft.			HydroLab 3 Ft.			Secchi
			Temp	DO	pH	Temp	DO	pH	
1 Skate park @ garage area	45.54.066	122.44.510	21.6	8.15	7.87	21.59	8.12	7.42	6.5 on bottom
2 Mobile home park @ 1st home	45.54.017	122.44.460	21.65	8.31	7.58	21.63	8.09	7.63	9
3 Fleischer's Dock (through woods)	45.53.993	122.44.671	21.50	8.24	7.64	21.54	8.07	7.67	8
4 lot of kitchen	45.54.047	122.44.732	21.62	8.38	7.69	21.57	8.27	7.71	8
5 Dunlap shop bldg	45.53.848	122.44.929	22.04	8.36	7.80	22.00	8.28	7.88	4.2 on bottom
6 Perry Ave - last on South Pt	45.53.728	122.44.982	22.38	7.81	7.99	22.12	8.10	8.00	9.5
7 Raspberry drain pipe	45.53.626	122.44.878	22.74	8.32	8.09	22.45	8.04	8.16	9.6
8 Cream house - white west fence Twinflow	45.53.607	122.44.797	22.75	7.72	8.04	22.58	7.74	8.03	9.6
9 Willy's Meats Free Care	45.53.538	122.44.168	23.13	7.71	7.97	23.02	7.54	8.11	9.5
10 at Outlet	45.53.677	122.44.214	24.04	8.03	8.29	23.63	7.72	8.43	7.0 bottom







AddyLab, LLC
2517 E. Evergreen Blvd.
Vancouver, WA. 98661



Phone: 360-750-0055
Fax: 360-750-0057
Email: reports@addylab.com

August 29, 2012

Stacie L Kelsey
Inland Fish Program
Region 5 WDFW
Stacie.Kelsey@dfw.wa.gov

Dear Ms. Kelsey:

Enclosed is the laboratory report for the Horseshoe Lake water samples collected 8/20/12 and analyzed for total phosphorus. All results are intended to be considered in their entirety and AddyLab, LLC is not responsible for use of less than the complete report. Results apply only to the samples submitted to the laboratory for analysis.

If you have any questions, please give me a call. The reference number for this work is 12AL1218. Thank you for your business.

Sincerely,

A handwritten signature in black ink that reads "Thomas A. Newman".

Thomas Newman
Quality Manager



YOUR LAB OF CHOICE

AddyLab, LLC
 Tom Newman
 2517 East Evergreen Blvd.
 Vancouver, WA 98661

Quality Assurance Report
 Level II

L591050

12065 Lebanon Rd.
 Mt. Juliet, TN 37122
 (615) 758-5858
 1-800-767-5859
 Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

August 28, 2012

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Phosphorus, Total	< .003	mg/l			WG608868	08/22/12 15:01
Phosphorus, Total	< .003	mg/l			WG609517	08/28/12 10:00

Analyte	Units	Duplicate		RPD	Limit	Ref Samp	Batch
		Result	Duplicate				
Phosphorus, Total	mg/l	0.0320	0.0330	4.33	20	L590693-01	WG608868
Phosphorus, Total	mg/l	0.0110	0.0120	11.5	20	L591050-01	WG608868
Phosphorus, Total	mg/l	0.0200	0.0180	9.52	20	L591688-02	WG609517
Phosphorus, Total	mg/l	0.0130	0.0140	5.13	20	L591050-05	WG609517

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
Phosphorus, Total	mg/l	.04	0.0363	90.8	90-110	WG608868
Phosphorus, Total	mg/l	.04	0.0426	107.	90-110	WG609517

Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
Phosphorus, Total	mg/l	0.0382	0.0363	96.0	90-110	5.10	20	WG608868
Phosphorus, Total	mg/l	0.0416	0.0426	104.	90-110	2.38	20	WG609517

Analyte	Units	Matrix Spike			% Rec	Limit	Ref Samp	Batch
		MS Res	Ref Res	TV				
Phosphorus, Total	mg/l	0.142	0.0890	.05	106.	90-110	L590717-01	WG608868
Phosphorus, Total	mg/l	0.0621	0.0110	.05	102.	90-110	L591688-01	WG609517

Analyte	Units	Matrix Spike Duplicate			Limit	RPD	Limit	Ref Samp	Batch
		MSD	Ref	%Rec					
Phosphorus, Total	mg/l	0.147	0.142	116.*	90-110	3.46	20	L590717-01	WG608868
Phosphorus, Total	mg/l	0.0605	0.0621	99.0	90-110	2.61	20	L591688-01	WG609517

Batch number /Run number / Sample number cross reference

WG608868: R2312873: L591050-01 02 03 04
 WG609517: R2320153: L591050-05

* * Calculations are performed prior to rounding of reported values.
 * Performance of this Analyte is outside of established criteria.
 For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



CHAIN OF CUSTODY REPORT

REF# **12AL1218**

CLIENT / SYSTEM NAME: **STACIE KELSEY / WDFW**
 REPORT TO: ADDRESS OR EMAIL
stacie.kelsey@cdfw.wa.gov
 PHONE: **360-601-1168** FAX:

INVOICE TO: **Woodland Public Works**
P.O. Box 9
Woodland WA 98674
360-225-7999
 COUNTY: **Clark** PO NUMBER:

TURNAROUND REQUEST in Business Days*

Organic & Inorganic Analyses
 10 5 4 3 2 1 <1

Petroleum Hydrocarbon Analyses
 STD. 5 4 3 2 1 <1

OTHER Please Specify

*Turnaround Requests less than standard may incur Rush Charges.

PROJECT NAME: **HORSESHOE LAKE**
 PROJECT NUMBER: **12AL1218**
 SAMPLED BY: **Stacie Kelsey**

REQUESTED ANALYSES

CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	Total Phosphorus																	
1. Skate PK	8/20 11:10																		
2. F-DOCK	8/20 11:20																		
3. L of Kit.	8/20 11:30																		
4. Raspberry	8/20 11:45																		
5. WALT FENCE	8/20 12:00																		
6.																			
7.																			
8.																			
9.																			
10.																			

MATRIX (W, S, O)	# OF CONT.	SAMPLE LOCATION / COMMENTS
W		

Compliance: WA OR System / PWS ID #: _____ DOH Source / Source ID #: _____ Group (WA Only): A B
 Source Type: _____ Surface _____ Well / Ground Water _____ Well Field _____ Spring _____ Purchased
 Sample Taken: _____ Before Treatment _____ After Treatment _____ No Treatment

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME	TEMP
<i>[Signature]</i>	WDFW	8/20/12		<i>[Signature]</i>		8/20/12	1315	AL
<i>[Signature]</i>	AL							

Jody Bartkowski

From: Bart Stepp
Sent: Thursday, September 06, 2012 4:44 PM
To: Grover B. Laseke; Jody Bartkowski
Subject: RE: Budget Estimates

\$1,200 was approved for testing this year. If we keep with the budget of no increases and added the e. Coli testing, we would be asking for \$1,800 from each county. We could justify that by saying we are paying \$1,200 in 2012 and \$1,200 in 2013 for a total of \$2,400 from the City for testing.

Bart Stepp, PE
City of Woodland
Public Works Director
PO Box 9; 300 E. Scott Ave.
Woodland, WA 98674
(360) 225-7999
(360) 225-7476 (fax)

From: Grover B. Laseke
Sent: Wednesday, September 05, 2012 3:08 PM
To: Jody Bartkowski; Bart Stepp
Subject: RE: Budget Estimates

Bart-

I plan to be at the Horseshoe Lake Committee meeting on the 13th. Looks like we should be asking for either \$800 from each entity if we do not include eColi testing and \$1600 each if we add eColi testing.

Grover

From: Jody Bartkowski
Sent: Wednesday, September 05, 2012 8:02 AM
To: Bart Stepp; Grover B. Laseke
Subject: Fwd: Budget Estimates

Sent from my iPhone

Begin forwarded message:

From: "Kelsey, Stacie L (DFW)" <Stacie.Kelsey@dfw.wa.gov>
Date: September 4, 2012 10:32:29 AM PDT
To: Jody Bartkowski <bartkowskij@ci.woodland.wa.us>
Subject: RE: Budget Estimates

Sorry Jody -

I left before getting this email on vacation.

One year total for phosphorus is 1800.00 these are the tests done at the lab and the best deal in checking around.

One year total for the test kits is 513.99

Grand total approx - 2300.00

e. Coli tests add another 2500 for the year.

I can tell you that the e. Coli is very important - we are starting to find some serious issues on Silver Lake that may be leading to some big problems.

Again, sorry so late.

From: Jody Bartkowski [<mailto:bartkowskij@ci.woodland.wa.us>]
Sent: Wednesday, August 22, 2012 10:47 AM
To: Kelsey, Stacie L (DFW)
Cc: Weinheimer, John (DFW); Bart Stepp
Subject: Budget Estimates
Importance: High

Hi Stace -

I'm desperate! We are working on our budget and the Mayor wants to make arrangements to meet with the Cowlitz & Clark County Commissioners like yesterday. Can you please get me rough numbers for costs with and without the e-coli ASAP. I know that they will be rough especially due to the type of test kits and now the possibility that we can use Silver Lake's equipment.

Just go high and get me what you can!! Remember that we budget from January 1 - December 31st. A monthly cost is probably best and then we can multiply it out. I thinking e-mail numbers. We do not need the fancy typed up sheet that you presented last time. I will give them the old one with the updated numbers for now.

Thanks,
JODY

HORSESHOE LAKE MANAGEMENT COMMITTEE

Effective - September 7, 2012

Members							
Tom Golik, Chair	225-7485		goliktom@yahoo.com	130 Vineyard View Drive	Woodland	WA	98674
Walt Church	225-8897		124church@comcast.net	124 Truth Street	Woodland	WA	98674
Mike Curry	225-3138		mmsoccerfan@yahoo.com	120 South Pekin Road	Woodland	WA	98674
Terry Jones	225-9629		tjswimdad@aol.com	400 Lake Avenue	Woodland	WA	98674
Francis Patnode	225-3939		patnodes@teleport.com	334 Island Aire Drive	Woodland	WA	98674
Pat Rychel	225-7232		prychel@pacifier.com	PO Box 293	Woodland	WA	98674
Jeff Sullivan	225-1750		sullij099@msn.com	130 South Pekin Road	Woodland	WA	98674
Neil Van Horn	225-7445		neilvh02@gmail.com	PO Box1852	Woodland	WA	98674

Ex-Officio (Nonvoting) Members							
Dept Transportation, SW Region							
Doug Ficco, Asst Regional Admin for Maint & Ops	360-905-2020		ficcod@wsdot.wa.gov	PO Box 1709	Vancouver	WA	98682
Gene Dotson, Region Wide Maint Supervisor	360-905-2200		dotsong@wsdot.wa.gov	PO Box 1709	Vancouver	WA	98682
Mike London	390-905-2206		londonm@wsdot.wa.gov	PO Box 1709	Vancouver	WA	98682
Dept Fish & Wildlife, Region 5							
John Weinheimer, Regional Biologist	360-906-6746	360-601-1168	john.weinheimer@dfw.wa.gov	2108 Grand Boulevard	Vancouver	WA	98661
Stacie Kelsey, Scientific Technician 3	360-906-6706		stacie.kelsey@dfw.wa.gov	2108 Grand Boulevard	Vancouver	WA	98661
Dept of Natural Resources, Pacific Cascade Region							
Denise Wilhelm, Aquatic Land Manager	360-740-6824		denise.wilhelm@dnr.wa.gov	PO Box 280	Castle Rock	WA	98611
Dept of Ecology, SW Region							
Ilboa Odum	360-690-7170		iodu461@ecy.wa.gov	2108 Grand Boulevard	Vancouver	WA	98661
Cowlitz County Health Department *							
Audrey Shaver, Environmental Health Specialist	360-414-5599 x 6440		shavera@co.cowlitz.wa.us	900 Ocean Beach Hwy, S	Longview	WA	98632
Public Health of Clark County**							
See Clark County							
Clark County							
Axel Swanson, Board of County Commissioners	360-397-2232		axel.swanson@clark.wa.gov	1300 Franklin Street	Vancouver	WA	98666
Cowlitz County							
Jim Misner, Board of County Commissioners	360-577-3020		misnerj@co.cowlitz.wa.us	207 4th Avenue North	Kelso	WA	98626
Chris Bischoff, Environmental Health Unit Manager			bischoffc@co.cowlitz.wa.us				
Cowlitz County Conservation District							
Darin Houpt, District Manager	360-425-1880		ccddmgr@teamelect.com	2125 8th Avenue	Longview	WA	98632
*Cowlitz-Wahkiakum Health District - Dissolved about 12-years ago. Now both Cowlitz and Wahkiakum have their own health departments.							
**SW Washington Health District - Dissolved in 2002. Public Health is now a department of Clark County.							

Mayor / Council / Staff							
Grover Laseke, Mayor	360-772-0371	360-225-9022	lasekeg@ci.woodland.wa.us				
Scott Perry, Councilmember	360-921-2306		perrys@ci.woodland.wa.us				
Bart Stepp, Public Works Director	360-225-7999	360-607-0968	steppb@ci.woodland.wa.us				
Jody Bartkowski, Engineering Tech.	360-225-7999	360-600-7252	bartkowskij@ci.woodland.wa.us				

INDOORS

Yes, there are coho in Vancouver Lake

I've been the outdoor writer here for more than three decades and thought — arrogantly enough — I knew almost everything about local salmon and steelhead fishing.

Then I learned recently there is a coho fishery in Vancouver Lake. That's right. The Washington Department of Fish and Wildlife labels it as "excellent" on its website.

When this excellent fishery was brought to my attention, I assumed it was a website mistake.

Uh, no.

"It's been going on forever," said Stacie Kelsey, who works in the inland fish program for the Department of Fish and Wildlife. "I've been here 17 years and I've seen adult coho every year. I didn't think it was a big deal."

Kelsey does electroshocking on Vancouver Lake. She zaps up both adult and juvenile coho. Young coho like the east side of the lake,

particularly around the mouth of Burnt Bridge Creek, as a nursery area.

The adult coho are 16 to 18 inches or larger, she said. Because she is concentrating on resident fish, she has never paid much attention to what percentage of the coho are fin clipped.

Kelsey speculated the coho enter Vancouver Lake via Lake River and exit out the flushing channel.

Most of the catch is from late August until early October.

Some coho are caught on lures, but they get taken on lots of other offerings include Power Bait, corn, and biscuit dough.

Allen Thomas
Outdoors



Kelsey said the Vancouver Lake Park and flushing channel inflow are two of the best coho fishing spots.

The coho are not recorded on a state catch-record card, she said. There's a simple reason: Vancouver Lake does not have a code number.

Washington's regulations pamphlet does not mention salmon fishing as open or closed in Vancouver Lake. The 2,300-acre lake is open year-round for trout with a 12-inch minimum-size limit and two-fish daily catch.

Technically, keeping coho in Vancouver Lake was illegal, said Pat Frazier, regional fish manager for Southwest Washington.

Waters listed in Washington's regulations pamphlet are closed to salmon fishing unless specified as open.

Frazier said the state has adopted a regulation to allow reten-

tion of coho with a clipped adipose fin in Vancouver Lake, consistent with the adjacent section of the Columbia River.

"In essence, we are going to apply Columbia River regulations to Vancouver Lake, including the flushing channel and Lake River," he said.

In that case, two adult coho could be kept per day, but they would have to be fin clipped and the catch record code would be 523 (Longview Bridge to I-5 Bridge).

Chinook also can be kept when chinook retention is allowed in the Columbia.

ALLEN THOMAS covers hunting, fishing, hiking, camping and other outdoor recreation topics for *The Columbian*. He can be reached at 360-735-4555 or at al.thomas@columbian.com. Follow him on Twitter at [@col_outdoors](https://twitter.com/col_outdoors).



Background and Frequently Asked Questions

Cowlitz County and the cities of Castle Rock, Kalama, Kelso and Woodland and the Cowlitz-Wahkiakum Council of Governments (CWCOG) have formed the Cowlitz County Partnership to update the 35-year old county Shoreline Master Program.

The Shoreline Management Act (SMA), approved by voters in 1972, provides a statewide framework for local governments to manage and protect shorelines in their jurisdictions through local development regulations. The SMA requires each county and city to periodically update their Shoreline Master Program (SMP). For the Cowlitz County Partnership, this must be accomplished by December 1, 2014. To accomplish this work, the state Department of Ecology provided the county and cities with a three year grant.

To streamline the process and use public funds efficiently, the Partnership is working with a consulting team led by Parametrix to generate one shoreline inventory for all the jurisdictions. The consultant will work with each entity to apply this inventory along with public and stakeholder input to craft individual SMPs. The State Department of Ecology must review and approve each program before it is implemented at the local level.

The project should be complete by June 30, 2014, via the following phases:

Phase 1	Identify preliminary shoreline jurisdictions, develop public participation programs, and complete the shoreline inventory	April to June 2012
Phase 2	Analyze and characterize shorelines and conduct initial stakeholder outreach	June to December 2012
Phase 3	Develop the SMP - shoreline environment designations, policies and regulations	September 2012 to December 2013
Phase 4	Prepare "cumulative impacts analyses" and restoration plans	November 2012 to January 2014
Phase 5	Adopt the SMP and send to State DOE for approval	January to June 2014
Phase 6	Ecology conducts its review and approval process	June to November 2014

Frequently Asked Questions

Q: *What is the purpose of the SMP update?*

A: The county and cities must use updated SMPs to plan and regulate uses in our shoreline areas through a combination of policies, regulations, and permit procedures. The SMP should balance shoreline development with environmental protection while providing and protecting access to public shores and waters.

The shoreline master programs will balance local and statewide interests to achieve the following goals:

- Plan for and manage uses that are either dependent on a shoreline location or are water-related;
- Identify appropriate shorelines and public access; and
- Maintain and enhance ecological conditions of shorelines.

Q: *Why are we updating the master programs now?*

A: We are required to update the SMP by December 1, 2014 as determined by the state legislature. Most jurisdictions, including Cowlitz County, haven't updated their programs comprehensively since the 1970s. The update will address current conditions, apply new science and align with other laws, such as critical areas ordinances.

Q: *What are the roles of the county and cities in shoreline management?*

A: We are responsible for deciding which areas are considered "shorelines," analyzing existing uses and long-term needs for uses that need to be located or are related to the shoreline areas, and implementing policies and regulations to govern future uses and development. We must work with the public, property owners, developers, other agencies, tribal governments, and other interests in developing the SMP. Once adopted, we will administer the program, including the review of new development proposals for consistency with the local program.

Q: *What is considered a "shoreline" area?*

A: The areas subject to the SMA are defined by state statute. These generally include:

- Rivers and streams with mean annual flow over 20 cubic feet per second;
- Lakes and reservoirs exceeding 20 acres; and
- Areas extending landward 200 feet from the ordinary high water mark, and the portion of floodplains extending 200 feet from the floodway.

Q: *How will the public be involved in the SMP update?*

A: The consultant and jurisdictions will hold public meetings on their SMPs and solicit input through a variety of methods. Project information will be posted at CowlitzShorelineUpdate.org

Q: *If I own property or a business along the shoreline, what can I expect?*

A: Existing uses, buildings and other development, including landscaping, can be maintained as it is currently. If you propose new development, there may be new requirements, including setbacks and buffers from the water and new standards for docks and similar facilities.

Q: *Where did the money come from to pay for this project?*

A: A grant from Ecology is paying for the SMP update and is being administered by the Cowlitz-Wahkiakum Council of Governments.

Q: *Why is Longview not involved in this process?*

A: The city of Longview chose to go through the SMP update process on their own because of the presence of levees on their shorelines. Please contact the city of Longview for additional information on their update process.

Q: *Where can I find the current SMPs?*

A: The 1977 Shorelines Management Master Program for Cowlitz County has been adopted by Cowlitz County and the cities of Castle Rock, Kalama, Kelso and Woodland. To view this document go to www.co.cowlitz.wa.us/buildplan/planning/shorelines.html.

Q: *Who do I contact if I have any questions?*

A: The consultant project manager is Jason Franklin of Parametrix Inc. He can be reached at JFranklin@parametrix.com, or by phone at 360-694-5020 or 503-416-6167. All questions and responses will be noted, evaluated and kept as part of the public comment log for the project.