



**CITY OF ILWACO  
CITY COUNCIL MEETING**

**Monday, May 12, 2014**

**6:00 p.m. REGULAR COUNCIL MEETING  
AGENDA**

- A. Call to order**
- B. Flag Salute**
- C. Roll Call**
- D. Oaths of Office**
- E. Approval of Agenda**
- F. Consent Agenda**

All matters, which are listed within the consent section of the agenda, have been distributed or made available for review to each member of the council prior to the meeting. Items listed are considered routine and will be enacted with one motion unless a council member specifically requests it to be removed from the Consent Agenda to be considered separately. The staff recommends the approval of the following items:

- 1. Approval of Minutes (TAB 1)
    - a. April 28, 2014, Regular meeting
  - 2. Claims & Vouchers (TAB 2)
    - a. Checks: 36510 to 36518 + Electronic \$32,430.96
    - b. Checks: 36519 to 36568 \$123,584.06
- GRAND TOTAL: \$156,015.02

**G. Proclamations**

- 1. Emergency Medical Services Week 2014 (Brian Cole, Operations Supervisor)

**H. Reports**

- 1. Staff Reports (TAB 3)
  - a. Police Chief's Report
- 2. Council Reports
- 3. Mayor's Report

**I. Comments of Citizens and Guests Present**

At this time, the mayor will call for any comments from the public on any subject not on the agenda. Please limit your comments to five (5) minutes. The City Council does not take any action or make any decisions during public comment. To request an item be added to a future agenda, please contact the city clerk for the council rules of procedure for agenda items.

**J. Business**

- 1. Marijuana Moratorium Extension (TAB 4) – *Cassinelli*
- 2. 2014 Fiscal Budget Amendment (TAB 5) – *Cassinelli*

**K. Discussion**

- 1. Backwash Basin Bid Award (TAB 9) – *Cassinelli*
- 2. Gray and Osborne Contract Additions (TAB 10) – *Cassinelli*
- 3. Sahalee Loan Application (TAB 11) -- *Cassinelli*
- 4. 6-year Transportation Improvement Program (TAB 12) -- *Cassinelli*
- 5. Resolution for Sole Source Purchase for Cape Disappointment Liftstation Pumps (TAB 13) -- *Cassinelli*

**L. Correspondence and Written Reports**

City of Ilwaco SMP- Inventory Data Sources

**M. Future Discussion/Agendas**

- 1. Amended Procedures Ordinance — *City Planner*
- 2. CresComm Ethernet cable access

**M. Adjournment**

**N. Upcoming Meetings**

COUNCIL/COMMISSION	PURPOSE	DAY	DATE	TIME	LOCATION
City Council	Regular Meeting	Monday	5/12/14 5/27/14	6:00 p.m.	Community Building
Parks & Rec. Commission	Regular Meeting	Friday	05/09/14 06/13/14	5:00 p.m.	Community Building
Planning Commission	Regular Meeting <i>(meetings subject to cancellation if there is no business to transact)</i>	Tuesday	05/13/14	6:00 p.m.	Community Building
Port/City Council Meeting	Regular Meeting	Tuesday	05/13/14	6:00 p.m.	Port Meeting Room

CITY OF ILWACO  
PUBLIC HEARING NOTICE

NOTICE IS HEREBY GIVEN that the City Council of the City of Ilwaco will hold a public hearing on the Six-Year Transportation Improvement Program. Hearing to take place at the regular city council meeting of May 27, 2014, at or about 6:00 p.m. in Ilwaco Community Building Meeting Room at 158 N. First Street, Ilwaco, WA 98624. All written and oral comment will be considered. Please contact City Hall, 360-642-3145, should you need special accommodations. The public is invited and encouraged to attend.

Ariel Smith, Deputy City Clerk, City of Ilwaco  
Published Date: May 14 and 21, 2014



**CITY OF ILWACO  
CITY COUNCIL MEETING  
Monday, April 28, 2014**

**A. Call to order**

Councilmember Marshall called the meeting to order at 6:00pm

**B. Flag Salute**

The Pledge of Allegiance was recited.

**C. Roll Call**

Present Councilmembers Mulinix, Marshall, Chambreau and Forner. Absent Mayor Cassinelli and Councilmember Jensen

**D. Approval of Agenda**

Councilmember Mulinix requested that a discussion item be added for the Ilwaco City Park Renovation. **ACTION: Motion to approve agenda with amendment (Chambreau/Forner). 3 Ayes 0 Nays 0 Abstain.**

**E. Approval of Consent Agenda**

Including Checks 36480 to 36482 + electronic totaling \$18,216.01 and Checks 36483 to 36506 totaling \$49,240.71 for a total of \$67,456.72.

**ACTION: Motion to amend the consent agenda with the addition of checks 36507-36509 for \$2,267.85 bringing the total to \$69,724.57 (Forner/Chambreau). 3 Ayes 0 Nays 0 Abstain.**

**F. Reports**

**1. Staff Reports**

- a. Fire Chief Williams reported that Police Chief Wright had attended the fire meeting.
- b. Parks Commission Chair Nick Haldeman reported on the senior projects that had been completed.
- c. Treasurer Elaine McMillan provided a written report and answered a question.
- d. Public Works Supervisor Dave McKee provided a monthly report on various projects.
- e. Building Inspector Matt Bonney provided a report on recent building permits issued in Ilwaco city limits.

**2. Council Reports**

- a. Councilmember Mulinix and Forner reported that they had attended the marketing meeting and the Black Lake Fishing Derby.

**G. 3. Mayor's Report**

- a. Mayor Cassinelli was at a meeting in Olympia he arrived at 6:10pm The Mayor attended the ocean acidification meeting in Olympia, he also attended the PCOG meeting which discussed

the .09 tax money. They Mayor had attended the Black Lake Fishing Derby and wanted to thank everyone for their support.

## **H. Comments of Citizens and Guests Present**

### **I. Business**

#### **1. ATV's and ORV's on City Streets and Trails**

**ACTION: Motion to adopt the proposed ordinance regulating the use of All-Terrain Vehicles and Off-Road Vehicles within city limits. (Forner/Chambreau). 4 Ayes 0 Nays 0 Abstain.**

#### **2. City Center Reservoir Change Order #4**

**ACTION: Motion to authorize the Mayor to execute Change Order #4 for the City Center Reservoir Project increasing the contract with Clackamas Construction Inc. by \$5,016.21. (Marshall/Chambreau). 4 Ayes 0 Nays 0 Abstain.**

#### **3. Elizabeth Avenue Improvements Bid Award**

**ACTION: Motion to authorize the mayor to accept the re-distribution of grant funds from the Transportation Improvement Board for the Elizabeth Avenue Improvement and Sidewalk Maintenance Project and authorize the mayor to award the bid and enter into a contract with Rognlin's Inc. for the Elizabeth Avenue Improvement Project for schedule A, B, and C for a total of \$565,000 (Forner/Chambreau). Roll call vote: 4 Ayes 0 Nays 0 Abstain.**

#### **4. Ilwaco City Park Renovation – Recreation and Conservation Grant Application**

**ACTION: Motion to adopt the resolution to authorizing the submittal of the an application for grant funding assistance for the Washington Wildlife and Recreation Program Project to the Recreation and Conservation Office. (Mulinix/Forner). Roll call vote: 4 Ayes 0 Nays 0 Abstain.**

### **J. Discussion**

#### **1. Elizabeth Avenue Improvements Bid Award**

There was discussion about the bids and project. **ACTION: Motion to move to business at this meeting (Forner/Chambreau). 4 Ayes 0 Nays 0 Abstain.**

#### **2. Marijuana Moratorium Extension**

City Planner Ryan Crater answered questions on this topic. **ACTION: Move to business at the next meeting.**

#### **3. 2014 Fiscal Budget Amendment**

The treasurer offered to answer questions or hold a workshop on the changes. **ACTION: Move to business at the next meeting.**

#### **4. Ilwaco City Park Renovation – Recreation and Conservation Grant Application**

**ACTION: Motion to move to business at this meeting (Mulinix/Forner). 4 Ayes 0 Nays 0 Abstain.**

**J. Adjournment**

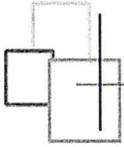
**ACTION: Motion to adjourn the meeting (Chambreau).** Mayor Cassinelli adjourned the meeting at 6:44 p.m.

---

Mike Cassinelli, Mayor

---

Elaine McMillan, Treasurer



## Register

Number	Name	Fiscal Description	Cleared	Amount
<u>36510</u>	Fero, Jimmie W	2014 - May - First meeting		\$1,159.74
<u>36511</u>	Gardner, Daryl W	2014 - May - First meeting		\$1,731.09
<u>36512</u>	Jensen, David	2014 - May - First meeting		\$181.52
<u>36513</u>	Schweizer, Dennis	2014 - May - First meeting		\$1,713.35
<u>36514</u>	Williams, Thomas R	2014 - May - First meeting		\$889.89
<u>36515</u>	AWC - Life Insurance	2014 - May - First meeting		\$13.40
<u>36516</u>	AWC Employee Benefit Trust	2014 - May - First meeting		\$4,878.45
<u>36517</u>	Dept of Retirement - Def Comp	2014 - May - First meeting		\$280.00
<u>36518</u>	Dept of Retirement Systems	2014 - May - First meeting		\$5,370.95
ACH Pay - 1097	Benson, Austin	2014 - May - First meeting		\$1,055.78
ACH Pay - 1081	Cassinelli, Michael	2014 - May - First meeting		\$422.61
ACH Pay - 1082	Chambreau, Jon H.	2014 - May - First meeting		\$181.52
ACH Pay - 1084	Fornier, Gary	2014 - May - First meeting		\$374.26
ACH Pay - 1086	Gustafson, David M.	2014 - May - First meeting		\$1,680.02
ACH Pay - 1087	Hazen, Warren M.	2014 - May - First meeting		\$1,813.71
ACH Pay - 1089	Marshall, Fred	2014 - May - First meeting		\$181.52
ACH Pay - 1090	Mc Kee, David A	2014 - May - First meeting		\$1,881.81
ACH Pay - 1091	Mc Millan, Elaine	2014 - May - First meeting		\$1,106.63
ACH Pay - 1092	Mulinix, Vinessa	2014 - May - First meeting		\$180.32
ACH Pay - 1094	Smith, Ariel	2014 - May - First meeting		\$914.85
ACH Pay - 1095	Staples, Terri P	2014 - May - First meeting		\$365.61
<u>EFT 5-5-14 1</u>	Discovery Benefits	2014 - May - First meeting		\$1,000.00
<u>EFT 5-5-14 2</u>	U.S. Treasury Department	2014 - May - First meeting		\$5,053.93
				<b>\$32,430.96</b>

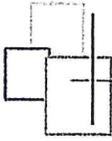
We, the undersigned members of the city council of the City of Ilwaco, Pacific County, Washington, do hereby certify that the merchandise or services hereinafter specified have been received and the voucher numbers 36510 through 36518 and electronic payments totalling \$32,430.96 are approved this 12th day of May, 2014

\_\_\_\_\_  
Council member

\_\_\_\_\_  
Council member

\_\_\_\_\_  
Treasurer

\_\_\_\_\_  
Council member



# Register

Fiscal: 2014

Number	Name	Posting Date	Amount
<b>Bank of the Pacific</b>			
<b>8023281</b>			
<b>Check</b>			
<u>36519</u>	A & E Security Solutions, Inc.	5/12/2014	\$568.65
<u>36520</u>	ABECO Office Systems	5/12/2014	\$45.44
<u>36521</u>	ALS Environmental	5/12/2014	\$71.00
<u>36522</u>	AlSCO-American Linen Div.	5/12/2014	\$32.31
<u>36523</u>	Art's Auto Parts, Inc.	5/12/2014	\$43.12
<u>36524</u>	Backflow Management Inc.	5/12/2014	\$900.00
<u>36525</u>	Baileys Saw Shop Inc.	5/12/2014	\$866.76
<u>36526</u>	Cartomation, Inc.	5/12/2014	\$50.00
<u>36527</u>	Chinook Observer	5/12/2014	\$78.30
<u>36528</u>	City of Ilwaco	5/12/2014	\$2,836.03
<u>36529</u>	City of Long Beach	5/12/2014	\$15,261.69
<u>36530</u>	Clackamas Construction, Inc.	5/12/2014	\$76,787.01
<u>36531</u>	Coast Rehabilitation Services	5/12/2014	\$35.00
<u>36532</u>	Code Publishing, Inc.	5/12/2014	\$250.00
<u>36533</u>	D J Witmer Company	5/12/2014	\$144.64
<u>36534</u>	Dennis CO	5/12/2014	\$673.39
<u>36535</u>	Department of Commerce - PWTF	5/12/2014	\$1,219.98
<u>36536</u>	Englund Marine Supply Inc	5/12/2014	\$115.77
<u>36537</u>	Evergreen Septic Service	5/12/2014	\$322.55
<u>36538</u>	Foster Pepper	5/12/2014	\$1,123.50
<u>36539</u>	Goulter Diamond Bar Ranch	5/12/2014	\$1,333.33
<u>36540</u>	Hach Company	5/12/2014	\$643.85
<u>36541</u>	HD Fowler Company	5/12/2014	\$2,256.07
<u>36542</u>	Heather Reynolds, Attorney	5/12/2014	\$1,782.00
<u>36543</u>	I FOCUS Consulting Inc.	5/12/2014	\$412.50
<u>36544</u>	IPFS Corporation	5/12/2014	\$5,268.66
<u>36545</u>	John Deere Financial	5/12/2014	\$1,115.28
<u>36546</u>	Lakeside Industries, Inc.	5/12/2014	\$1,138.63
<u>36547</u>	LEAF	5/12/2014	\$129.88
<u>36548</u>	Mccall Tire Center, Inc.	5/12/2014	\$10.00
<u>36549</u>	Michael S. Turner	5/12/2014	\$412.00
<u>36550</u>	Nancy McAllister	5/12/2014	\$412.00
<u>36551</u>	Naselle Rock & Asphalt	5/12/2014	\$1,004.58
<u>36552</u>	North Central Laboratories	5/12/2014	\$122.61
<u>36553</u>	Oman & Son	5/12/2014	\$105.33
<u>36554</u>	One Call Concepts, Inc.	5/12/2014	\$4.78
<u>36555</u>	Pacific CO Health Dept.	5/12/2014	\$84.03
<u>36556</u>	Peninsula Sanitation Service, Inc.	5/12/2014	\$438.91
<u>36557</u>	Sid's IGA	5/12/2014	\$46.47
<u>36558</u>	Sparks Automotive Inc.	5/12/2014	\$774.41
<u>36559</u>	Sunset Auto Parts Inc.	5/12/2014	\$310.80
<u>36560</u>	Tangly Cottage Gardening	5/12/2014	\$167.09
<u>36561</u>	Tidy By The Sea, LLC	5/12/2014	\$455.00
<u>36562</u>	USA Blue Book	5/12/2014	\$698.60
<u>36563</u>	Verizon Wireless	5/12/2014	\$145.62
<u>36564</u>	Visa	5/12/2014	\$293.96
<u>36565</u>	Wadsworth Electric	5/12/2014	\$88.34
<u>36566</u>	Walter E. Nelson Co. of Astoria	5/12/2014	\$157.46
<u>36567</u>	Wilcox & Flegel Oil Co.	5/12/2014	\$1,934.73
<u>36568</u>	William R. Penoyar, Attorney at	5/12/2014	\$412.00
	<b>Total Check</b>		<b>\$123,584.06</b>
	<b>Total 8023281</b>		<b>\$123,584.06</b>
	<b>Grand Total</b>		<b>\$123,584.06</b>

CERTIFICATION

We, the undersigned do hereby certify under penalty of perjury that the material have been furnished, the services rendered or the labor performed that any advance payment is due and payable pursuant to a contract or is available as an option for full or partial fulfillment of a contractual obligation. The voucher numbers\_\_36519\_\_\_\_\_ through \_\_36568\_ are approved for payment in the amount of: \$123,584.06

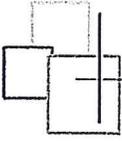
This \_\_\_\_\_ day of \_\_\_\_\_, 2014

\_\_\_\_\_  
Council member

\_\_\_\_\_  
Council member

\_\_\_\_\_  
Treasurer

\_\_\_\_\_  
Council member



# Voucher Directory

Vendor	Number	Reference	Account Number	Description	Amount
<b>A &amp; E Security Solutions, Inc.</b>	<b>36519</b>			<b>2014 - May - First meeting</b>	
		Invoice - 5/6/2014 11:54:45 AM			
		120390			
		001-000-000-514-20-31-00		Office & Operating Supplies	\$113.73
		001-000-000-522-10-31-00		Office & Operating Supplies	\$113.73
		101-000-000-543-30-30-00		Office And Operating	\$113.73
		401-000-000-534-00-31-00		Operation & Maintenance	\$113.73
		409-000-000-535-00-31-01		Operations And Maintenance	\$113.73
		<b>Total Invoice - 5/6/2014 11:54:45 AM</b>			<b>\$568.65</b>
	<b>Total 36519</b>				<b>\$568.65</b>
<b>Total A &amp; E Security Solutions, Inc.</b>					<b>\$568.65</b>
<b>ABECO Office Systems</b>	<b>36520</b>			<b>2014 - May - First meeting</b>	
		Invoice - 5/6/2014 11:52:38 AM			
		1236750-0			
		001-000-000-514-20-31-00		Office & Operating Supplies	\$11.36
		101-000-000-543-30-30-00		Office And Operating	\$11.36
		401-000-000-534-00-31-00		Operation & Maintenance	\$11.36
		409-000-000-535-00-31-01		Operations And Maintenance	\$11.36
		<b>Total Invoice - 5/6/2014 11:52:38 AM</b>			<b>\$45.44</b>
	<b>Total 36520</b>				<b>\$45.44</b>
<b>Total ABECO Office Systems</b>					<b>\$45.44</b>
<b>ALS Environmental</b>	<b>36521</b>			<b>2014 - May - First meeting</b>	
		Invoice - 5/6/2014 11:52:57 AM			
		51-257480-0			
		409-000-000-535-00-31-01		Operations And Maintenance	\$71.00
		<b>Total Invoice - 5/6/2014 11:52:57 AM</b>			<b>\$71.00</b>
	<b>Total 36521</b>				<b>\$71.00</b>
<b>Total ALS Environmental</b>					<b>\$71.00</b>
<b>Alsco-American Linen Div.</b>	<b>36522</b>			<b>2014 - May - First meeting</b>	
		Invoice - 5/6/2014 11:53:32 AM			
		LPOR1197583			
		001-000-000-576-80-31-00		Office & Operating Supplies	\$8.08
		101-000-000-543-30-30-00		Office And Operating	\$8.08
		401-000-000-534-00-31-00		Operation & Maintenance	\$8.08
		409-000-000-535-00-31-01		Operations And Maintenance	\$8.07
		<b>Total Invoice - 5/6/2014 11:53:32 AM</b>			<b>\$32.31</b>
	<b>Total 36522</b>				<b>\$32.31</b>
<b>Total Alsco-American Linen Div.</b>					<b>\$32.31</b>
<b>Art's Auto Parts, Inc.</b>	<b>36523</b>			<b>2014 - May - First meeting</b>	
		Invoice - 5/6/2014 11:53:54 AM			
		110571			
		101-000-000-542-30-35-00		Roadway Equipment	\$43.12
		<b>Total Invoice - 5/6/2014 11:53:54 AM</b>			<b>\$43.12</b>
	<b>Total 36523</b>				<b>\$43.12</b>
<b>Total Art's Auto Parts, Inc.</b>					<b>\$43.12</b>
<b>Backflow Management Inc.</b>	<b>36524</b>			<b>2014 - May - First meeting</b>	
		Invoice - 5/6/2014 11:58:33 AM			
		7055			
		401-000-000-534-00-41-00		Professional Services	\$900.00
		<b>Total Invoice - 5/6/2014 11:58:33 AM</b>			<b>\$900.00</b>
	<b>Total 36524</b>				<b>\$900.00</b>
<b>Total Backflow Management Inc.</b>					<b>\$900.00</b>
<b>Baileys Saw Shop Inc.</b>	<b>36525</b>			<b>2014 - May - First meeting</b>	
		Invoice - 5/6/2014 11:55:27 AM			
		Inv#40114011,40714003,41014008,41514009,41514010			
		001-000-000-576-80-31-00		Office & Operating Supplies	\$173.35
		101-000-000-542-30-35-00		Roadway Equipment	\$173.35
		401-000-000-534-00-31-00		Operation & Maintenance	\$173.35
		408-000-000-531-38-31-01		Operations & Maintenance	\$173.35
		409-000-000-535-00-31-01		Operations And Maintenance	\$173.35
		<b>Total Invoice - 5/6/2014 11:55:27 AM</b>			<b>\$866.76</b>
	<b>Total 36525</b>				<b>\$866.76</b>

Total Baileys Saw Shop Inc. Cartomation, Inc.				\$866.76
36526		2014 - May - First meeting		
	Invoice - 5/6/2014 11:48:34 AM			
	001-000-000-557-20-41-00	Ilwaco Web Page		\$50.00
		GIS map storage		
	Total Invoice - 5/6/2014 11:48:34 AM			\$50.00
Total 36526				\$50.00
Total Cartomation, Inc. Chinook Observer				\$50.00
36527		2014 - May - First meeting		
	Invoice - 5/6/2014 12:04:36 PM			
	139-14			
	001-000-000-511-30-44-00	Official Publications		\$45.90
	Total Invoice - 5/6/2014 12:04:36 PM			\$45.90
	Invoice - 5/6/2014 12:05:09 PM			
	140-14			
	001-000-000-511-30-44-00	Official Publications		\$32.40
	Total Invoice - 5/6/2014 12:05:09 PM			\$32.40
Total 36527				\$78.30
Total Chinook Observer City of Ilwaco				\$78.30
36528		2014 - May - First meeting		
	Invoice - 5/6/2014 12:14:17 PM			
	001-000-000-511-60-47-02	City Sewer - Museum		\$39.75
	001-000-000-514-20-47-02	Water - City Hall		\$56.48
	001-000-000-514-20-47-03	Sewer - City Hall		\$87.94
	001-000-000-514-20-47-04	Storm Drainage		\$25.11
	001-000-000-522-50-47-01	Water		\$196.50
	001-000-000-522-50-47-02	Sewer		\$316.40
	001-000-000-522-50-47-03	Storm Drainage		\$61.14
	001-000-000-572-50-47-01	City Water		\$155.75
	001-000-000-572-50-47-02	City Sewer		\$226.54
	001-000-000-572-50-47-03	Storm Drainage		\$9.83
	001-000-000-576-80-47-01	Water-Parks, Sprinklers,Blk Lake		\$272.42
	001-000-000-576-80-47-02	Sewer-Parks, Black Lake		\$176.98
	001-000-000-576-80-47-03	Storm Drainage		\$29.48
	409-000-000-535-00-47-02	Water		\$487.41
	409-000-000-535-00-47-03	Sewer		\$664.82
	409-000-000-535-00-47-05	Storm Drainage		\$29.48
	Total Invoice - 5/6/2014 12:14:17 PM			\$2,836.03
Total 36528				\$2,836.03
Total City of Ilwaco City of Long Beach				\$2,836.03
36529		2014 - May - First meeting		
	Invoice - 5/6/2014 11:47:19 AM			
	001-000-000-521-10-50-00	Law Enforcement Contract		\$15,261.69
	Total Invoice - 5/6/2014 11:47:19 AM			\$15,261.69
Total 36529				\$15,261.69
Total City of Long Beach Clackamas Construction, Inc.				\$15,261.69
36530		2014 - May - First meeting		
	Invoice - 5/6/2014 12:16:59 PM			
	#8			
	401-000-000-594-34-62-00	Construction Project -Resvoir		\$76,787.01
	Total Invoice - 5/6/2014 12:16:59 PM			\$76,787.01
Total 36530				\$76,787.01
Total Clackamas Construction, Inc. Coast Rehabilitation Services				\$76,787.01
36531		2014 - May - First meeting		
	Invoice - 5/6/2014 12:20:30 PM			
	895080			
	001-000-000-514-20-31-00	Office & Operating Supplies		\$35.00
	Total Invoice - 5/6/2014 12:20:30 PM			\$35.00
Total 36531				\$35.00
Total Coast Rehabilitation Services Code Publishing, Inc.				\$35.00
36532		2014 - May - First meeting		
	Invoice - 5/6/2014 12:21:51 PM			
	46440			
	001-000-000-511-30-44-00	Official Publications		\$250.00
	Total Invoice - 5/6/2014 12:21:51 PM			\$250.00
Total 36532				\$250.00
Total Code Publishing, Inc. D J Witmer Company				\$250.00
36533		2014 - May - First meeting		
	Invoice - 5/6/2014 12:22:09 PM			
	7852			
	001-000-000-514-20-20-00	Personnel Benefits		\$28.93
	101-000-000-542-30-20-00	Benefits		\$28.93
	401-000-000-534-00-20-00	Benefits		\$28.93

		408-000-000-531-38-20-00	Benefits	\$28.93
		409-000-000-535-00-20-00	Employee Benefits	\$28.92
		<b>Total Invoice - 5/6/2014 12:22:09 PM</b>		<b>\$144.64</b>
	<b>Total 36533</b>			<b>\$144.64</b>
<b>Total D J Witmer Company</b>				
<b>Dennis CO</b>				
	36534		<b>2014 - May - First meeting</b>	
		<b>Invoice - 5/6/2014 12:32:25 PM</b>		
		001-000-000-522-10-31-00	Office & Operating Supplies	\$50.37
		001-000-000-573-90-49-00	Black Lake Fishing Derby	\$7.73
		001-000-000-576-80-31-00	Office & Operating Supplies	\$220.49
		401-000-000-534-00-31-00	Operation & Maintenance	\$295.58
		409-000-000-535-00-31-01	Operations And Maintenance	\$99.22
		<b>Total Invoice - 5/6/2014 12:32:25 PM</b>		<b>\$673.39</b>
	<b>Total 36534</b>			<b>\$673.39</b>
<b>Total Dennis CO</b>				
<b>Department of Commerce - PWTF</b>				
	36535		<b>2014 - May - First meeting</b>	
		<b>Invoice - 5/6/2014 12:35:39 PM</b>		
		PWTFNT-217425		
		403-000-000-397-00-00-08	Transfer from Sewer PC13-961-054	(\$1,219.98)
		403-000-000-592-35-80-05	PWTF PC13-961-054 Nesadi	\$1,219.98
		409-000-000-597-00-00-05	Wwtp - TO 403 Pwtf Redemption	\$1,219.98
		<b>Total Invoice - 5/6/2014 12:35:39 PM</b>		<b>\$1,219.98</b>
	<b>Total 36535</b>			<b>\$1,219.98</b>
<b>Total Department of Commerce - PWTF</b>				
<b>Englund Marine Supply Inc</b>				
	36536		<b>2014 - May - First meeting</b>	
		<b>Invoice - 5/6/2014 12:40:36 PM</b>		
		001-000-000-522-10-31-00	Office & Operating Supplies	\$2.50
		<b>Total Invoice - 5/6/2014 12:40:36 PM</b>		<b>\$2.50</b>
		<b>Invoice - 5/6/2014 12:40:50 PM</b>		
		001-000-000-522-10-31-00	Office & Operating Supplies	\$0.00
		001-000-000-576-80-48-00	Repairs & Maintenance	\$38.68
		101-000-000-543-30-30-00	Office And Operating	\$0.00
		401-000-000-534-00-31-00	Operation & Maintenance	\$34.60
		409-000-000-535-00-31-01	Operations And Maintenance	\$39.99
		<b>Total Invoice - 5/6/2014 12:40:50 PM</b>		<b>\$113.27</b>
	<b>Total 36536</b>			<b>\$115.77</b>
<b>Total Englund Marine Supply Inc</b>				
<b>Evergreen Septic Service</b>				
	36537		<b>2014 - May - First meeting</b>	
		<b>Invoice - 5/6/2014 12:42:57 PM</b>		
		15790		
		001-000-000-576-80-47-02	Sewer-Parks, Black Lake	\$80.00
		<b>Total Invoice - 5/6/2014 12:42:57 PM</b>		<b>\$80.00</b>
		<b>Invoice - 5/6/2014 12:43:24 PM</b>		
		15725		
		409-000-000-535-00-31-01	Operations And Maintenance	\$242.55
		<b>Total Invoice - 5/6/2014 12:43:24 PM</b>		<b>\$242.55</b>
	<b>Total 36537</b>			<b>\$322.55</b>
<b>Total Evergreen Septic Service</b>				
<b>Foster Pepper</b>				
	36538		<b>2014 - May - First meeting</b>	
		<b>Invoice - 5/6/2014 12:44:13 PM</b>		
		1070731		
		409-000-000-535-00-41-00	Attorney Fees	\$1,123.50
		<b>Total Invoice - 5/6/2014 12:44:13 PM</b>		<b>\$1,123.50</b>
	<b>Total 36538</b>			<b>\$1,123.50</b>
<b>Total Foster Pepper</b>				
<b>Goulter Diamond Bar Ranch</b>				
	36539		<b>2014 - May - First meeting</b>	
		<b>Invoice - 5/6/2014 11:48:27 AM</b>		
		409-000-000-535-00-45-00	Spray Sludge Disposal Site	\$1,333.33
		sludge site		
		<b>Total Invoice - 5/6/2014 11:48:27 AM</b>		<b>\$1,333.33</b>
	<b>Total 36539</b>			<b>\$1,333.33</b>
<b>Total Goulter Diamond Bar Ranch</b>				
<b>Hach Company</b>				
	36540		<b>2014 - May - First meeting</b>	
		<b>Invoice - 5/6/2014 12:50:24 PM</b>		
		8798503		
		401-000-000-534-00-31-00	Operation & Maintenance	\$643.85
		<b>Total Invoice - 5/6/2014 12:50:24 PM</b>		<b>\$643.85</b>
	<b>Total 36540</b>			<b>\$643.85</b>
<b>Total Hach Company</b>				
<b>HD Fowler Company</b>				
	36541		<b>2014 - May - First meeting</b>	
		<b>Invoice - 5/6/2014 12:49:17 PM</b>		
		I3611987		
		401-000-000-534-00-31-00	Operation & Maintenance	\$2,211.89

	Total Invoice - 5/6/2014 12:49:17 PM		\$2,211.89
	Invoice - 5/6/2014 12:49:56 PM		
	13611988		
	401-000-000-534-00-31-00	Operation & Maintenance	\$44.18
	Total Invoice - 5/6/2014 12:49:56 PM		\$44.18
Total 36541			\$2,256.07
Total HD Fowler Company			\$2,256.07
Heather Reynolds, Attorney			
36542			
		2014 - May - First meeting	
	Invoice - 5/6/2014 1:05:18 PM		
	April 2014		
	001-000-000-515-30-41-00	Legal Services	\$1,782.00
	Total Invoice - 5/6/2014 1:05:18 PM		\$1,782.00
Total 36542			\$1,782.00
Total Heather Reynolds, Attorney			\$1,782.00
IFOCUS Consulting Inc.			
36543			
		2014 - May - First meeting	
	Invoice - 5/7/2014 2:04:31 PM		
	7368		
	001-000-000-514-20-41-00	Professional Services	\$137.50
	401-000-000-534-00-41-04	Professional Services - Computer	\$137.50
	409-000-000-535-00-41-02	Professional Services - Computer	\$137.50
	Total Invoice - 5/7/2014 2:04:31 PM		\$412.50
Total 36543			\$412.50
Total IFOCUS Consulting Inc.			\$412.50
IPFS Corporation			
36544			
		2014 - May - First meeting	
	Invoice - 5/6/2014 11:46:53 AM		
	001-000-000-511-60-46-00	Insurances	\$551.10
	001-000-000-522-50-46-00	Insurance	\$713.90
	001-000-000-572-50-46-00	Insurance	\$815.59
	001-000-000-576-80-46-00	Insurance	\$171.76
	101-000-000-543-30-40-01	Insurance	\$105.37
	104-000-000-557-30-46-00	Heritage Museum - Insurance	\$413.06
	401-000-000-534-00-46-00	Insurance	\$1,407.79
	408-000-000-531-38-46-00	Insurance	\$50.05
	409-000-000-535-00-46-00	Insurance	\$1,040.04
	Total Invoice - 5/6/2014 11:46:53 AM		\$5,268.66
Total 36544			\$5,268.66
Total IPFS Corporation			\$5,268.66
John Deere Financial			
36545			
		2014 - May - First meeting	
	Invoice - 5/7/2014 2:03:52 PM		
	5-18-14		
	001-000-000-591-48-71-01	John Deer Mower 8157-96 - Prin	\$1,000.00
	001-000-000-592-48-83-00	John Deer Mower 8157-96 - Interest	\$115.28
	Total Invoice - 5/7/2014 2:03:52 PM		\$1,115.28
Total 36545			\$1,115.28
Total John Deere Financial			\$1,115.28
Lakeside Industries, Inc.			
36546			
		2014 - May - First meeting	
	Invoice - 5/6/2014 12:50:57 PM		
	133968		
	101-000-000-542-70-31-00	Roadside Operating	\$1,138.63
	Total Invoice - 5/6/2014 12:50:57 PM		\$1,138.63
Total 36546			\$1,138.63
Total Lakeside Industries, Inc.			\$1,138.63
LEAF			
36547			
		2014 - May - First meeting	
	Invoice - 5/6/2014 12:52:09 PM		
	4989332		
	001-000-000-514-20-31-00	Office & Operating Supplies	\$22.08
	001-000-000-522-10-31-00	Office & Operating Supplies	\$20.78
	101-000-000-543-30-30-00	Office And Operating	\$22.08
	401-000-000-534-00-31-00	Operation & Maintenance	\$22.08
	408-000-000-531-38-31-01	Operations & Maintenance	\$20.78
	409-000-000-535-00-31-01	Operations And Maintenance	\$22.08
	Total Invoice - 5/6/2014 12:52:09 PM		\$129.88
Total 36547			\$129.88
Total LEAF			\$129.88
Mccall Tire Center, Inc.			
36548			
		2014 - May - First meeting	
	Invoice - 5/6/2014 12:54:43 PM		
	72100124084		
	101-000-000-542-70-31-00	Roadside Operating	\$10.00
	Total Invoice - 5/6/2014 12:54:43 PM		\$10.00
Total 36548			\$10.00
Total Mccall Tire Center, Inc.			\$10.00
Michael S. Turner			
36549			
		2014 - May - First meeting	
	Invoice - 5/6/2014 11:48:18 AM		

	001-000-000-512-50-40-03	Municipal Court Services	\$412.00
	Court services		
	<b>Total Invoice - 5/6/2014 11:48:18 AM</b>		<b>\$412.00</b>
<b>Total Michael S. Turner</b>			<b>\$412.00</b>
<b>Nancy McAllister</b>			<b>\$412.00</b>
36550			
		<b>2014 - May - First meeting</b>	
	<b>Invoice - 5/6/2014 11:48:11 AM</b>		
	001-000-000-512-50-40-03	Municipal Court Services	\$412.00
	Court services		
	<b>Total Invoice - 5/6/2014 11:48:11 AM</b>		<b>\$412.00</b>
<b>Total Nancy McAllister</b>			<b>\$412.00</b>
<b>Naselle Rock &amp; Asphalt</b>			<b>\$412.00</b>
36551			
		<b>2014 - May - First meeting</b>	
	<b>Invoice - 5/6/2014 12:55:20 PM</b>		
	24269		
	101-000-000-542-70-31-00	Roadside Operating	\$54.58
	<b>Total Invoice - 5/6/2014 12:55:20 PM</b>		<b>\$54.58</b>
	<b>Invoice - 5/6/2014 12:56:03 PM</b>		
	24361		
	409-000-000-594-63-35-00	Sewer Line Replace/repair	\$950.00
	<b>Total Invoice - 5/6/2014 12:56:03 PM</b>		<b>\$950.00</b>
<b>Total Naselle Rock &amp; Asphalt</b>			<b>\$1,004.58</b>
<b>North Central Laboratories</b>			<b>\$1,004.58</b>
36552			
		<b>2014 - May - First meeting</b>	
	<b>Invoice - 5/6/2014 12:58:40 PM</b>		
	337500		
	401-000-000-534-00-31-00	Operation & Maintenance	\$122.61
	<b>Total Invoice - 5/6/2014 12:58:40 PM</b>		<b>\$122.61</b>
<b>Total North Central Laboratories</b>			<b>\$122.61</b>
<b>Oman &amp; Son</b>			<b>\$122.61</b>
36553			
		<b>2014 - May - First meeting</b>	
	<b>Invoice - 5/6/2014 1:00:55 PM</b>		
	001-000-000-576-80-31-00	Office & Operating Supplies	\$49.33
	101-000-000-542-70-31-00	Roadside Operating	\$14.00
	401-000-000-534-00-31-00	Operation & Maintenance	\$42.00
	<b>Total Invoice - 5/6/2014 1:00:55 PM</b>		<b>\$105.33</b>
<b>Total Oman &amp; Son</b>			<b>\$105.33</b>
<b>One Call Concepts, Inc.</b>			<b>\$105.33</b>
36554			
		<b>2014 - May - First meeting</b>	
	<b>Invoice - 5/6/2014 11:46:00 AM</b>		
	4049074		
	101-000-000-543-30-30-00	Office And Operating	\$1.59
	401-000-000-534-00-31-00	Operation & Maintenance	\$1.59
	409-000-000-535-00-31-01	Operations And Maintenance	\$1.60
	<b>Total Invoice - 5/6/2014 11:46:00 AM</b>		<b>\$4.78</b>
<b>Total One Call Concepts, Inc.</b>			<b>\$4.78</b>
<b>Pacific CO Health Dept.</b>			<b>\$4.78</b>
36555			
		<b>2014 - May - First meeting</b>	
	<b>Invoice - 5/6/2014 1:02:26 PM</b>		
	2014-223		
	001-000-000-566-00-51-00	Alcohol Program 2%	\$84.03
	<b>Total Invoice - 5/6/2014 1:02:26 PM</b>		<b>\$84.03</b>
<b>Total Pacific CO Health Dept.</b>			<b>\$84.03</b>
<b>Peninsula Sanitation Service, Inc.</b>			<b>\$84.03</b>
36556			
		<b>2014 - May - First meeting</b>	
	<b>Invoice - 5/6/2014 1:01:52 PM</b>		
	001-000-000-514-20-47-01	Garbage Bills	\$312.51
	409-000-000-535-00-47-04	Garbage Services	\$126.40
	<b>Total Invoice - 5/6/2014 1:01:52 PM</b>		<b>\$438.91</b>
<b>Total Peninsula Sanitation Service, Inc.</b>			<b>\$438.91</b>
<b>Sid's IGA</b>			<b>\$438.91</b>
36557			
		<b>2014 - May - First meeting</b>	
	<b>Invoice - 5/6/2014 1:05:55 PM</b>		
	4-22-14		
	401-000-000-534-00-31-00	Operation & Maintenance	\$16.47
	<b>Total Invoice - 5/6/2014 1:05:55 PM</b>		<b>\$16.47</b>
	<b>Invoice - 5/7/2014 2:08:14 PM</b>		
	409-000-000-535-00-31-01	Operations And Maintenance	\$30.00
	<b>Total Invoice - 5/7/2014 2:08:14 PM</b>		<b>\$30.00</b>
<b>Total Sid's IGA</b>			<b>\$46.47</b>
<b>Sparks Automotive Inc.</b>			<b>\$46.47</b>
36558			
		<b>2014 - May - First meeting</b>	

	Invoice - 5/6/2014 1:10:12 PM		
	19538		
	001-000-000-576-80-31-00	Office & Operating Supplies	\$154.88
	101-000-000-542-30-35-00	Roadway Equipment	\$154.89
	401-000-000-534-00-48-00	Vehicle Repairs/Maintenance	\$154.88
	408-000-000-531-38-31-01	Operations & Maintenance	\$154.88
	409-000-000-535-00-48-01	Repairs And Maintenance	\$154.88
	Total Invoice - 5/6/2014 1:10:12 PM		\$774.41
Total 36558			\$774.41
Total Sparks Automotive Inc.			\$774.41
Sunset Auto Parts Inc.			
36559			
	2014 - May - First meeting		
	Invoice - 5/6/2014 1:12:33 PM		
	001-000-000-576-80-48-00	Repairs & Maintenance	\$34.64
	101-000-000-542-30-35-00	Roadway Equipment	\$34.64
	401-000-000-534-00-31-00	Operation & Maintenance	\$34.64
	408-000-000-531-38-31-01	Operations & Maintenance	\$34.64
	409-000-000-535-00-31-01	Operations And Maintenance	\$172.24
	Total Invoice - 5/6/2014 1:12:33 PM		\$310.80
Total 36559			\$310.80
Total Sunset Auto Parts Inc.			\$310.80
Tangly Cottage Gardening			
36560			
	2014 - May - First meeting		
	Invoice - 5/6/2014 1:16:03 PM		
	April 2014		
	001-000-000-576-80-31-00	Office & Operating Supplies	\$167.09
	Total Invoice - 5/6/2014 1:16:03 PM		\$167.09
Total 36560			\$167.09
Total Tangly Cottage Gardening			\$167.09
Tidy By The Sea, LLC			
36561			
	2014 - May - First meeting		
	Invoice - 5/6/2014 11:48:46 AM		
	001-000-000-514-20-31-00	Office & Operating Supplies	\$80.00
	001-000-000-522-10-31-00	Office & Operating Supplies	\$40.00
	001-000-000-572-50-41-00	Custodian Library	\$335.00
	Total Invoice - 5/6/2014 11:48:46 AM		\$455.00
Total 36561			\$455.00
Total Tidy By The Sea, LLC			\$455.00
USA Blue Book			
36562			
	2014 - May - First meeting		
	Invoice - 5/6/2014 1:16:39 PM		
	326322		
	401-000-000-534-00-31-00	Operation & Maintenance	\$237.01
	Total Invoice - 5/6/2014 1:16:39 PM		\$237.01
	Invoice - 5/6/2014 1:17:04 PM		
	327413		
	401-000-000-534-00-31-00	Operation & Maintenance	\$248.86
	Total Invoice - 5/6/2014 1:17:04 PM		\$248.86
	Invoice - 5/6/2014 11:46:16 AM		
	332594		
	409-000-000-535-00-31-01	Operations And Maintenance	\$212.73
	Total Invoice - 5/6/2014 11:46:16 AM		\$212.73
Total 36562			\$698.60
Total USA Blue Book			\$698.60
Verizon Wireless			
36563			
	2014 - May - First meeting		
	Invoice - 5/6/2014 1:17:26 PM		
	9723801718		
	401-000-000-534-00-42-00	Communications	\$145.62
	Total Invoice - 5/6/2014 1:17:26 PM		\$145.62
Total 36563			\$145.62
Total Verizon Wireless			\$145.62
Visa			
36564			
	2014 - May - First meeting		
	Invoice - 5/6/2014 1:18:03 PM		
	Esafety supply		
	101-000-000-543-60-40-00	Safety Training	\$89.38
	Total Invoice - 5/6/2014 1:18:03 PM		\$89.38
	Invoice - 5/6/2014 1:25:29 PM		
	Staples		
	001-000-000-514-20-31-00	Office & Operating Supplies	\$17.99
	001-000-000-573-90-49-00	Black Lake Fishing Derby	\$26.07
	101-000-000-543-30-30-00	Office And Operating	\$40.35
	401-000-000-534-00-31-06	Office & Customer Service	\$40.35
	409-000-000-535-00-31-08	Office Supplies & Customer Service	\$79.82
	Total Invoice - 5/6/2014 1:25:29 PM		\$204.58
Total 36564			\$293.96
Total Visa			\$293.96
Wadsworth Electric			
36565			
	2014 - May - First meeting		
	Invoice - 5/6/2014 1:31:42 PM		

	CS7523			
	409-000-000-535-00-41-01	Professional Services - Electrician		\$88.34
	Total Invoice - 5/6/2014 1:31:42 PM			\$88.34
Total 36565				\$88.34
Total Wadsworth Electric				\$88.34
Walter E. Nelson Co. of Astoria				\$88.34
36566				
		2014 - May - First meeting		
	Invoice - 5/6/2014 1:32:27 PM			
	371441			
	401-000-000-534-00-31-06	Office & Customer Service		\$157.46
	Total Invoice - 5/6/2014 1:32:27 PM			\$157.46
Total 36566				\$157.46
Total Walter E. Nelson Co. of Astoria				\$157.46
Wilcox & Flegel Oil Co.				
36567				
		2014 - May - First meeting		
	Invoice - 5/6/2014 1:33:35 PM			
	34648-IN			
	001-000-000-522-10-32-00	Gasoline		\$80.46
	Total Invoice - 5/6/2014 1:33:35 PM			\$80.46
	Invoice - 5/6/2014 1:50:11 PM			
	CL34647-IN			
	101-000-000-543-30-30-01	Gasoline & Oil Products		\$190.16
	401-000-000-534-00-32-00	Gasoline		\$646.06
	408-000-000-531-38-32-00	Gas/Oil Products		\$186.86
	409-000-000-535-00-32-00	Gas/oil Products		\$146.48
	Total Invoice - 5/6/2014 1:50:11 PM			\$1,169.56
	Invoice - 5/6/2014 1:59:17 PM			
	114184-pp			
	001-000-000-576-80-31-00	Office & Operating Supplies		(\$23.46)
	101-000-000-543-30-30-01	Gasoline & Oil Products		(\$23.45)
	104-000-000-557-30-41-03	Ilwaco Merchants Association		\$0.00
	401-000-000-534-00-32-00	Gasoline		\$0.00
	408-000-000-531-38-32-00	Gas/Oil Products		\$0.00
	409-000-000-535-00-32-00	Gas/oil Products		\$0.00
	Total Invoice - 5/6/2014 1:59:17 PM			(\$46.91)
	Invoice - 5/6/2014 1:59:51 PM			
	0590184			
	001-000-000-576-80-31-00	Office & Operating Supplies		\$182.90
	101-000-000-543-30-30-01	Gasoline & Oil Products		\$182.90
	401-000-000-534-00-32-00	Gasoline		\$182.92
	409-000-000-535-00-32-00	Gas/oil Products		\$182.90
	Total Invoice - 5/6/2014 1:59:51 PM			\$731.62
Total 36567				\$1,934.73
Total Wilcox & Flegel Oil Co.				\$1,934.73
William R. Penoyar, Attorney at Law				
36568				
		2014 - May - First meeting		
	Invoice - 5/6/2014 11:48:04 AM			
	001-000-000-512-50-40-03	Municipal Court Services		\$412.00
	Total Invoice - 5/6/2014 11:48:04 AM			\$412.00
Total 36568				\$412.00
Total William R. Penoyar, Attorney at Law				\$412.00
Grand Total	Vendor Count	50		\$123,584.06

# Long Beach Police

P.O. Box 795  
Long Beach, WA 98631

lbpchief@centurytel.net

Phone 360-642-2911  
Fax 360-642-5273

05-01-14

Page 1 of 2

To: Mayor Cassinelli and Ilwaco City Council

From: Chief Flint R. Wright

Ref.: Monthly Report for April 2014

During the month of April the Long Beach Police Department handled the following cases and calls:

## Long Beach

**729** Total Incidents  
Aid Call Assists: 0  
Alarms: 6  
Animal Complaints: 3  
Assaults: 10  
Assists: 128  
(Includes 13 Law Enforcement Agency Assists Outside City Boundaries)  
Burglaries: 4  
Disturbance: 10  
Drug Inv.: 5  
Fire Call Assists: 3  
Follow Up: 160  
Found/Lost Property: 16  
Harassment: 13  
Malicious Mischief: 5  
MIP – Alcohol: 0  
MIP – Tobacco: 0  
Missing Person: 2  
Prowler: 3  
Runaway: 1  
Security Checks: 179  
Suspicious: 23  
Thefts: 11  
Traffic Accidents: 8  
Traffic Complaints: 26  
Traffic Tickets: 17  
Traffic Warnings: 67  
Trespass: 6  
Warrant Contacts: 7  
Welfare Checks: 16

## Ilwaco

**271** Total Incidents  
Aid Call Assists: 5  
Alarms: 5  
Animal Complaints: 3  
Assaults: 4  
Assists: 57  
Burglaries: 1  
Disturbance: 9  
Drug Inv.: 1  
Fire Call Assists: 0  
Follow Up: 63  
Found/Lost Property: 2  
Harassment: 2  
Malicious Mischief: 3  
MIP – Alcohol: 0  
MIP – Tobacco: 0  
Missing Person: 0  
Prowler: 0  
Runaway: 2  
Security Checks: 82  
Suspicious: 18  
Thefts: 2  
Traffic Accidents: 1  
Traffic Complaints: 3  
Traffic Tickets: 1  
Traffic Warnings: 2  
Trespass: 2  
Warrant Contacts: 0  
Welfare Checks: 3

Loretta attended training March 31<sup>st</sup> – April 4<sup>th</sup>. The title of the course was “Law Enforcement Records”. Loretta learned about State and Federal criminal history guidelines, records dissemination, media relations and resources, firearms laws, property and evidence and licensing.

Officer Jeff Cutting attended training on April 7<sup>th</sup>. The training dealt with evidence collection and preservation. The training was part of his certification process for becoming an arson investigator.

On April 11<sup>th</sup> I gave a presentation at Ilwaco High School. I talked about the ups and downs of a career in law enforcement for a career day the school was having.

Officer Rodney Nawn graduated from the Washington State Criminal Justice Training Commission Basic Law Enforcement Academy on April 15<sup>th</sup>. He completed 720 hours of training. Officer Mike Parker started the academy on the 23<sup>rd</sup>.

Officer Jeff Cutting attended training on the 22<sup>nd</sup>. The class was an armorer’s course put on by Glock. The course gives Jeff the ability to work on the departments handguns.

The prescription drug take back event was held on the 26<sup>th</sup>. Officer Casey Meling conducted this at Sid’s. 179 pounds of prescription drugs were turned in either to our office over the last 6 months or at the event itself. The drugs are destroyed by the DEA.

On the 29<sup>th</sup> Officer Casey Meling attended training. The name of the class was “Why Teens Kill?”. Some of the topics covered were warning signs to look for, how to keep schools safe, dangers police should be aware of and a youth culture update. Considering out current culture this type of training is necessary.

I have given debriefs to the Long Beach Fire Department, Ilwaco Fire Department, Pacific County Sheriff’s Department and my own agency on the shooting incident that happened on April 7<sup>th</sup>. One of the things that I learned was that if or when this type of major incident happens again I will want a representative of the fire department and medical responders at the command post right away for communication purposes. These types of incidents really show our emergency responders strengths and also reveal areas that we will always need to improve on.

  
\_\_\_\_\_  
Flint R. Wright  
Chief of Police

## EMERGENCY MEDICAL SERVICES WEEK 2014



**WHEREAS**, emergency medical services is a vital public service; and

**WHEREAS**, the members of emergency medical services teams are ready to provide lifesaving care to those in need 24 hours a day, seven days a week; and

**WHEREAS**, access to quality emergency care dramatically improves the survival and recovery rate of those who experience sudden illness or injury; and

**WHEREAS**, the emergency medical services system consists of emergency physicians, emergency nurses, emergency medical technicians, paramedics, firefighters, educators, administrators and others; and

**WHEREAS**, the members of emergency medical services teams, whether career or volunteer, engage in thousands of hours of specialized training and continuing education to enhance their lifesaving skills; and

**WHEREAS**, it is appropriate to recognize the value and the accomplishments of emergency medical services providers by designating Emergency Medical Services Week; now

**NOW THEREFORE**, I, Mike Cassinelli, Mayor of the City of Ilwaco, Washington, do hereby proclaim the week of May 18-24, 2014, as

### **EMERGENCY MEDICAL SERVICES WEEK** *EMS: Dedicated. For Life.*

in the City of Ilwaco, Washington, and encourage the community to observe this week with appropriate programs, ceremonies and activities.

---

Mike Cassinelli, Mayor

**OATH OF OFFICE**

State of Washington }  
County of Pacific } SS.

I, Jarrod Karnofski, do solemnly swear (or affirm) that I will support the Constitution of the United States and the Constitution and laws of the State of Washington, and that I will faithfully and impartially perform and discharge the duties of the office of City of Ilwaco Parks and Recreation Commission Member #5 according to the law, to the best of my ability.

Subscribed and sworn before me this \_\_\_\_ day of \_\_\_\_\_, 2014.

---

Mike Cassinelli, Mayor

**OATH OF OFFICE**

State of Washington }  
County of Pacific } SS.

I, Nansen Malin, do solemnly swear (or affirm) that I will support the Constitution of the United States and the Constitution and laws of the State of Washington, and that I will faithfully and impartially perform and discharge the duties of the office of City of Ilwaco Planning Commission Member #1 according to the law, to the best of my ability.

Subscribed and sworn before me this \_\_\_\_ day of \_\_\_\_\_, 2014.

\_\_\_\_\_  
Mike Cassinelli, Mayor

**CITY OF ILWACO**  
**CITY COUNCIL AGENDA ITEM BRIEFING**

A. Meeting Dates: Council Workshop: Public Hearing:  
Council Discussion Item: 04/28/14 Council Business Item: 05/12/14

B. Issue/Topic: **Extending the marijuana Moratorium that is currently in place. Which prohibits the production, processing and retail sales of recreational marijuana**

C. Sponsor(s):

1. Mike Cassinelli
- 2.

D. Background (overview of why issue is before council):

1. On November 16, 2013, the Washington State Liquor Control Board (WSLCB) adopted rules for the production, processing and retail sales of recreational marijuana that are effective November 16, 2013. On November 18, 2013, WSLCB began accepting applications for all three licenses with a 30-day window. This window is now closed and the City is seeking the right to extend the moratorium to look further into this topic.

E. Discussion (specific details relevant to the issue, pros/cons, alternatives and any other decision-making details)

1. City staff and the city planner have reviewed the existing zoning and uses in regards to the new regulations passed by the WSLCB, including 1000 ft buffer requirements. An extended moratorium will allow the city more time that is needed to review the proposed legislation by the city planner.

F. Impacts:

1. Fiscal: Time spent by city planner
2. Legal: The proposed ordinance was reviewed by city attorney
3. Personnel: Working with city planner to revise legislation
4. Service/Delivery:

G. Planning Commission:  Recommended  N/A  Public Hearing on June 23<sup>rd</sup>

H. Time Constraints/Due Dates: The current moratorium expires on May 12<sup>th</sup>, 2014.

I. Proposed Motion: **I move to adopt the proposed ordinance extending the current moratorium prohibiting the production, processing and retail sales of recreational marijuana.**

**CITY OF ILWACO  
ORDINANCE NO. xxx**

**AN ORDINANCE OF THE CITY OF ILWACO, WASHINGTON, ADOPTING A SIX-MONTH EXTENSION OF THE MORATORIUM PROHIBITING THE PRODUCTION, PROCESSING AND RETAIL SALES OF RECREATIONAL MARIJUANA.**

**WHEREAS**, Initiative 502 was passed by the voters of the State of Washington in November 2012 providing a framework whereby marijuana producers, processors and retailers can become licensed by the State of Washington; and

**WHEREAS**, under Initiative 502, the Washington State Liquor Control Board (WSLCB) adopted regulations governing the licensing and operation of marijuana producers, processors and retailers on October 16, 2013, and the rules became effective November 16, 2013; and

**WHEREAS**, the draft recommendations for the legislature regarding the interaction of medical marijuana regulations and the provisions of Initiative 502 will not be addressed by the legislature until 2014; therefore, the City passed an interim ordinance in November 2013 putting a moratorium in place that prohibited the production, processing and retail sales of recreational marijuana; and

**WHEREAS**, there are still several lawsuits pending that may eventually impact regulations related to marijuana production, distribution, sales and use; and

**WHEREAS**, it is anticipated that the production, processing and retail sales of recreational marijuana may cause an increased risk to health and safety, require increased police and code enforcement activities, and affect the use and enjoyment of surrounding properties without appropriate regulations; and

**WHEREAS**, unless the current moratorium is extended, the production, processing and retail sales of marijuana, and other marijuana-related uses, may be established within the City of Ilwaco while the City lacks the necessary tools to ensure that the location is appropriate and that the secondary impacts of such facilities are minimized and mitigated; and

**WHEREAS**, the City Council may impose an extension to the moratorium on the acceptance of certain development applications for a period of up to six months as long as the City Council holds a public hearing on the proposed regulations in accordance with RCW 35A.63.220 and RCW 36.70A.390; and

**WHEREAS**, the City Council deems it to be in the public interest to establish an extension of the current moratorium related to the production, processing and retail sales of recreational marijuana until the City can consider all of the land use impacts, draft regulations, hold hearings and adopt regulations on the subject in light of the new legislation.

**WHEREAS**, the planning commission needs additional time to review the proposed legislation put forth by the Ilwaco City Planner.

**NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF ILWACO, WASHINGTON, DOES ORDAIN AS FOLLOWS:**

**Section 1.** Findings. The recitals set forth previously are hereby adopted as the Ilwaco City Council's findings in support of the moratorium extension imposed by this ordinance.

**Section 2.** Pursuant to the provisions of RCW 36.70A.390, a zoning moratorium is hereby enacted in the City of Ilwaco prohibiting licensing, permitting and establishment of any use consisting of or including the production, processing and/or retail sales of recreational marijuana within all zoning districts within the City of Ilwaco.

**Section 3.** Term of Moratorium. The moratorium imposed by this ordinance shall continue in effect for an additional period of six (6) months, unless repealed, extended or modified by the City Council after a public hearing and the entry of appropriate findings of fact as required by RCW 35A.63.220, provided, however, that the moratorium shall automatically expire upon the effective date of zoning regulations adopted by the City Council to address the processing, production and/or retail sales of recreational marijuana within the City of Ilwaco.

**Section 4.** Public Hearing. A public hearing shall be scheduled within sixty (60) days of the effective date of this ordinance, in accordance with RCW 35A.63.220 and RCW 36.70A.390.

**Section 5.** Referral to staff and Planning Commission. City staff and/or the city planner are hereby authorized and directed to study existing zoning and propose regulations regarding the production, processing and/or retail sales of marijuana. Any proposed regulations shall be referred to the Ilwaco Planning Commission for review and recommendation to the City Council for inclusion in the zoning ordinances of the City of Ilwaco.

**Section 6.** Ordinance to be transmitted to Department of Commerce. Pursuant to RCW 36.70A.106, a copy of this interim ordinance shall be transmitted to the Washington State Department of Commerce.

**Section 7.** Severability. If any section, sentence, clause or phrase of this ordinance should be held to be unconstitutional by a court of competent jurisdiction, such invalidity or unconstitutionality shall not affect the validity or constitutionality of any other section, sentence, clause or phrase of this ordinance.

**Section 8.** Declaration of emergency. The City Council hereby declares that an emergency exists necessitating that this ordinance take effect immediately upon passage by a majority vote plus one of the whole membership of the council, and that the same is not subject to a referendum

(RCW 35A.12.130). Without an immediate moratorium on the City’s acceptance of development applications for the production, processing and/or retail sales of marijuana could locate and develop in a manner incompatible with the codes eventually adopted by the City. Therefore, the moratorium must be imposed as an emergency measure to protect the public health, safety and welfare.

**Section 9.** Publication. This ordinance shall be published by an approved summary consisting of the title.

**Section 10.** Effective Date. This ordinance shall take effect and be in full force and effect immediately upon passage as long as it is approved by a majority plus one of the entire membership of the City Council, as required by RCW 35A.12.130; provided, however, that unless extended by act of the City Council, this ordinance shall automatically expire six (6) months following its adoption.

**PASSED BY THE CITY COUNCIL OF THE CITY OF ILWACO, AND SIGNED IN AUTHENTICATION OF ITS PASSAGE THIS \_\_\_ DAY OF \_\_\_, 2014.**

\_\_\_\_\_  
Mike Cassinelli, Mayor

ATTEST:

\_\_\_\_\_  
Ariel Smith, Deputy City Clerk

VOTE	Jensen	Mulinix	Marshall	Chambreau	Fornier	Cassinelli
Ayes						
Nays						
Abstentions						
Absent						

PUBLISHED:

EFFECTIVE:

**CITY OF ILWACO**  
**CITY COUNCIL AGENDA ITEM BRIEFING**

- A. Meeting Dates: Council Workshop: Public Hearing:  
Council Discussion Item: 4/28/14 Council Business Item: 5/12/14
- B. Issue/Topic: 2014 First Budget Amendment
- C. Sponsor(s):  
1. Mike Cassinelli 2.
- D. Background (overview of why issue is before council):  
1. The City attempts to adjust the budget throughout the year as known changes are identified and approved. The amount of the appropriation is a combination of prior year carryover (Beginning Balance) plus current year receipts or current year expenditures plus anticipated year-end balance. If the amount of appropriations is exceeded, the city could be issued a finding by the state auditor's office.
- E. Discussion (specific details relevant to the issue, pros/cons, alternatives and any other decision-making details)  
1. Many funds have variances to the original budget related to the difference in the carryover from the prior year (Beginning Balance). Other changes are primarily related to project funding.
- F. Impacts:  
1. Fiscal: The City continues to build reserves. Revenues and expenditures for the first four months of the year are not significantly different than anticipated.  
2. Legal:  
3. Personnel:  
4. Service/Delivery:
- G. Planning Commission:  Recommended  N/A  Public Hearing on
- H. Staff Comments: Changes have been identified on the supporting documents.
- I. Time Constraints/Due Dates: Must be in place before year end
- J. Proposed Motion: **I move that the council adopt the 2014 first budget amendment ordinance as presented.**

**CITY OF ILWACO  
ORDINANCE NO. 8xx**

**AN ORDINANCE AMENDING THE 2014 BUDGET OF THE CITY OF  
ILWACO, WASHINGTON AS ADOPTED BY ORDINANCE #822**

**WHEREAS**, the City of Ilwaco adopted the 2014 budget in final form by Ordinance #822 on November 25, 2013; and

**WHEREAS**, subsequent thereto it has become necessary for the city to amend said ordinance because of revenues and council approved unbudgeted expenditures of same; and

**WHEREAS**, the city is desirous of amending its budget pursuant to RCW 35A.33.090.

**NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF ILWACO,  
WASHINGTON, DOES ORDAIN AS FOLLOWS:**

**Section 1.** The following accounts contained in the 2014 Budget are hereby amended as follows:

**General Fund - #001**

Increased beginning balance and reduce amount of awarded grant funds.

**Streets Fund - #101**

Increase in grant funds.

**Tourism - #104**

Adjust beginning balance.

**Excise Reserve #301**

Adjust beginning balance and amount contributed to project.

**Water Fund - #401**

Increase for grant/loan proceeds not received in 2013 and beginning balance.

**Water/Sewer Bond Redemption Fund - #403**

No change.

**Water/Sewer Bond Reserve Fund - #404**

No change.

**Stormwater Fund - #408**

Adjust for beginning balance

**Sewer Fund - #409**

Loan proceeds not received in 2013 and beginning balance.

**Section 2.** The budget for the year 2014 is amended to provide for the changes as outlined above and as set forth in Exhibit A attached hereto.

**Section 3.** The city clerk is hereby directed to transmit this supplemental budget to the State Auditor's Office and to the Association of Washington Cities.

**Section 4.** Effective Date. This Ordinance takes effect and is in full force five (5) days after its passage, approval and publication of an approved summary of the title as provided by law.

**PASSED BY THE CITY COUNCIL OF THE CITY OF ILWACO, AND SIGNED IN AUTHENTICATION OF ITS PASSAGE THIS XX<sup>TH</sup> DAY OF \_\_\_\_\_, 2014.**

\_\_\_\_\_  
Mike Cassinelli, Mayor

ATTEST:

\_\_\_\_\_  
Ariel Smith, Deputy City Clerk

VOTE	Jensen	Mulinix	Marshall	Chambreau	Forner	Cassinelli
Ayes						
Nays						
Abstentions						
Absent						

PUBLISHED:

EFFECTIVE:

**BUDGET AMENDMENT FOR 2014  
CITY OF ILWACO  
EXHIBIT "A" of Ordinance #8XX**

<u>City of Ilwaco Funds</u>	<u>Original Appropriation</u>	<u>Amendment #1</u>	variance
General Fund	1,084,868	1,110,509	(25,641)
Street Fund	765,530	797,252	(31,722)
Tourism Fund	87,047	88,376	(1,329)
Excise Reserve Fund	27,630	25,296	2,334
Water Fund	2,598,043	2,638,656	(40,613)
Water/Sewer Bond Redemption Fund	477,046	477,046	-
Water/Sewer Bond Reserve	347,732	347,732	-
Stormwater Fund	83,406	80,955	2,451
Sewer Fund	1,831,497	1,839,870	(8,373)
Total Appropriations	7,302,798	7,405,692	(102,894)

City of Ilwaco Budget - 2014									
	1/1/2014						12/31/2014		
<i>Fund</i>	<i>Beginning Balance</i>	<i>Revenues</i>	<i>Operations</i>	<i>Capital</i>	<i>Debt Svcs</i>	<i>Margin</i>	<i>Ending Balance</i>	<i>Desired Reserve</i>	<i>Surplus (shortfall)</i>
001 General	171,633	938,876	(790,232)	-	(145,488)	3,156	174,789	210,588	(35,799)
101 Streets	41,301	755,952	(72,259)	(703,930)	-	(20,237)	21,064	39,259	(18,195)
104 Tourism	58,246	30,130	(65,789)	-	-	(35,659)	22,587	10,000	12,587
301 Excise Reserve	16,296	9,000	(14,000)	-	-	(5,000)	11,296	23,630	(12,334)
401 Water	115,329	2,523,327	(515,141)	(1,975,000)	(106,033)	(72,847)	42,481	163,300	(120,819)
403 Bond Redemption	-	477,046	(477,046)	-	-	0	0	-	0
404 Bond Reserve	327,179	20,553	-	-	-	20,553	347,731	418,725	(70,994)
405 Stormwater	8,955	72,000	(43,332)	-	(31,503)	(2,835)	6,120	24,354	(18,234)
409 Sewer	351,442	1,488,428	(490,932)	(552,252)	(495,037)	(49,794)	301,649	418,709	(117,060)
									-
<b>Total Fund Balance</b>	<b>1,090,381</b>						<b>927,718</b>	<b>1,308,566</b>	<b>(380,848)</b>
Capital projects for 2014:	<u>General/Streets Funds</u>		<u>Water Fund</u>		<u>Wastewater Fund</u>				
	Playground timbers		Paint Steel Reservoir		Effluent pmgs				
	City hall roof/ramp		Misc Short Lived Assets: Water		Mary Ann Sewer				
	Elizabeth Ave		New Reservoirs (1)		Nesadi				
			New Filter/Backwash basin		Roof				







101 STREET FUND		2014 Budget - City of Ilwaco										
ESTIMATED REVENUES -		ESTIMATED EXPENDITURES										
		2013	2014	2014						2013	2014	2014
		ACTUAL	Original	Amended						ACTUAL	Original	Amended
General Property Tax		61,508	\$61,500	\$61,500	\$0	Salaries & Wages	0.78			28,682	36,728	\$32,541
Motor Vehicle Fuel Tax		19,432	\$19,176	\$19,176	\$0	Benefits	0.70			10,260	14,560	\$13,846
MV Fuel Tax (STP Money)		35,061	\$0	\$0	\$0	Roadway Operating	1.09			2,178	2,000	\$2,000
Port contribution to Elizabeth including PCOG		-	\$30,653	\$46,653	\$16,000	Roadway Equipment	0.06			90	1,500	\$1,500
Interest		61	-	-	\$0	Storm Drain Operating				219	-	\$0
TIB Fund: Sidewalks		563	52,035	95,299	\$43,264	Street Light Operating	1.16			6,980	6,005	\$6,005
TIB Funds: Overlay		122,572	-	-	\$0	Traffic Operating				-	-	\$0
TIB Funds: School Street		101,589			\$0	Ice Control Operating	-				850	\$850
TIB Funds: Elizabeth Avenue		36,088	558,435	503,324	(\$55,111)	Street Cleaning				988	4,000	\$4,000
Transfer from Excise Rsv (301) for TIB match		5,000	4,000	14,000	\$10,000	Road Side Operating	0.82			1,640	2,000	\$2,000
Transfer from Water (401) for TIB match				\$16,000	\$16,000	Office & Operating	1.53			3,825	2,500	\$4,500
<b>GRAND TOTAL REVENUES</b>		<b>\$381,875</b>	<b>\$725,799</b>	<b>\$755,952</b>	<b>\$30,153</b>	Vehicle Purchase					-	\$0
						Gas & Oil	1.08			3,239	3,000	\$3,000
						Small Tools & Equipment	0.09			46	500	\$500
						Safety Training	-				133	\$133
						Admin. Maintenance				-	-	\$0
	MVFT = 940 pop x 20.40					Web Page				-	-	\$0
						Insurance	1.17			1,622	1,384	\$1,384
						Construction Equipment				-	-	\$0
						Roadway Construction				-	-	\$0
						Storm Drainage Supplies				200	-	\$0
						Drainage Construction				-	-	\$0
						Overlook Loop/Beards Hollow				-	-	\$0
						TIB Projects - Elizabeth and water main	0.51			300,513	586,357	\$582,115
						TIB Sidewalks				2,813	54,773	100,315
						Chipseal	-				10,000	\$10,000
						Transfer to 001 - Building Rental/mower	0.87			10,000	11,500	\$11,500
						Reserve/Contingency				-	-	\$0
						Miscellaneous				-	-	\$0
<b>GRAND TOTAL REVENUES</b>		<b>\$381,875</b>	<b>\$725,799</b>	<b>\$755,952</b>		<b>GRAND TOTAL EXPENDITURES</b>				<b>\$373,293</b>	<b>\$737,790</b>	<b>\$776,189</b>
						<b>2014 Reserve Contribution /(Depletion)</b>				<b>\$8,582</b>	<b>(\$11,991)</b>	<b>(\$20,237)</b>
<b>Reserve Analysis</b>												
			original	amended	variance							
<b>CARRYOVER FROM PRIOR YEAR, (Beginning Balance)</b>			\$ 39,731	\$ 41,301	\$ 1,570							
<b>2014 Reserve Contribution /(Depletion)</b>			\$ (11,991)	(\$20,237)	\$ (8,246)							
<b>CARRYOVER TO NEXT YEAR</b>			\$ 27,740	\$ 21,064	\$ (6,676)							
<b>Desired Reserve</b>												
Emergency	\$15,000.00	Rsv Distribtuion										
Operating	\$24,259.21		\$ 27,740									
Projects												
Equipment												
	\$39,259.21		\$ 27,740									

2014 Budget - City of Ilwaco

5/7/2014

104 TOURISM

ESTIMATED REVENUES

ESTIMATED EXPENDITURES

			2013 ACTUAL	2014 Original	2014 Amended		2013 ACTUAL	2014 Original	2014 Amended
Hotel-Motel Tax	1.27		38,061	30,000	\$30,000	Ilwaco Merchants Assoc.	7,650	7,500	\$7,500
Investment Interest			61	130	\$130	Marketing Contract - Visitors Bureau	-		
<b>TOTAL</b>			<b>38,122</b>	<b>30,130</b>	<b>\$30,130</b>	Visitors Bureau	7,500	7,500	\$7,500
						Fishing Derby	78		
						Ilwaco Musuem - insurance	4,957	5,520	\$5,520
						Ilwaco Musuem	5,030	5,000	\$5,000
						Visitors Bureau Bldg - City Portion	769	769	\$769
						Banners/tourist facility mnct to Fund 001	3,507	2,500	\$2,500
						Ilwaco Charter Association	1,000	1,000	\$1,000
						City/Black Lake Park support	-	\$0	\$0
						Refund of error re: State Park	0	\$36,000	\$36,000
<b>GRAND TOTALS ALL REVENUES</b>			<b>38,122</b>	<b>\$30,130</b>	<b>\$30,130</b>	<b>GRAND TOTAL EXPENDITURES</b>	<b>30,489</b>	<b>\$65,789</b>	<b>\$65,789</b>
						<b>2014 Reserve Contribution /(Depletion)</b>	<b>7,633</b>	<b>(\$35,659)</b>	<b>(\$35,659)</b>

Reserve Analysis

		original	amended	
<b>CARRYOVER FROM PRIOR YEAR (Beginning Balance)</b>		<b>\$56,917</b>	<b>\$58,246</b>	includes SP carryover
Revenues	\$30,130			
Expenses	(65,789)			
<b>2014 Reserve Contribution /(Depletion)</b>		<b>(\$35,659)</b>	<b>(\$35,659)</b>	
<b>CARRYOVER TO NEXT YEAR</b>		<b>\$21,258</b>	<b>\$22,587</b>	
Ending Balance is comprised of :				
Contingency Reserve				
Desired Reserve for cashflow	10,000.00			

2014 Budget - City of Ilwaco										
301 EXCISE RESERVE FUND										
ESTIMATED REVENUES					ESTIMATED EXPENDITURES					
			2013 ACTUAL	2014 Original	2014 Amended			2013 ACTUAL	2014 Original	2014 Amended
Real Estate Excise Tax	0.96		\$8,666	\$9,000	\$9,000	Elizabeth Ave Water Line		\$5,000	\$4,000	\$14,000
						Shop roof		0	\$0	\$0
<b>GRAND TOTAL ALL REVENUES</b>			8,666	\$9,000	\$9,000	<b>TOTAL</b>		\$5,000	\$4,000	\$14,000
						<b>GRAND TOTAL EXPENDITURES</b>		\$3,666	\$4,000	\$14,000
						<b>2014 Reserve Contribution /(Depletion)</b>				(\$5,000)
<b>Reserve Analysis</b>										
				original	amended	variance				
<b>CARRYOVER FROM PRIOR YEAR (Beginning Balance)</b>				\$ 18,630	\$ 16,296	\$ (2,334)				
<b>2014 Reserve Contribution /(Depletion)</b>				5,000	(\$5,000)	\$ (10,000)				
<b>CARRYOVER TO NEXT YEAR</b>				23,630	11,296	\$ (12,334)				

401 WATER FUND				2014 Budget - City of Ilwaco									
ESTIMATED REVENUES				ESTIMATED EXPENDITURES									
		2013	2014	2014			2013	2014	2014				
		ACTUAL	Original	Amended			ACTUAL	Original	Amended				
						Salaries & Wages	0.88	178,453	202,004	202,761	756		
						Benefits	0.81	56,463	70,108	70,230	123		
Water Sales	0.97	654,289	672,467	672,467	-	<b>TOTAL</b>	<b>0.86</b>	<b>234,917</b>	<b>272,112</b>	<b>272,991</b>	879		
<b>TOTAL</b>		<b>654,289</b>	<b>672,467</b>	<b>672,467</b>	-	Operation & Maintenance	1.30	45,411	35,000	35,000	-		
					-	Lab Supplies (catchup)	-	-	5,000	5,000	-		
					-	Electrical Maintenance	0.65	7,767	12,000	12,000	-	5k for new filter querks	
					-	Office Supplies & Support	0.89	5,326	6,000	6,000	-		
					-	Computer & Software Support	0.31	2,795	9,000	9,000	-	5k for new filter querks & Ifocus	
Sale of Asset		1893.8			-	Chemicals	1.31	41,959	32,000	32,000	-		
Investment Interest		14,541	2,060	2,060	-	Quarterly Excise Payment	1.06	35,884	33,818	33,818	-		
Water Connections		12,863	7,500	7,500	-	Annual Meter Calibrations	0.60	1,432	2,400	2,400	-		
Other - Reservoirs/Backwash/Filter		958,626	1,710,000	1,841,300	131,300	DOE Annual Permit	1.18	5,885	5,000	5,000	-	DOE annual permit	
<b>TOTAL</b>		<b>987,924</b>	<b>1,719,560</b>	<b>1,850,860</b>	131,300	Gasoline Products	0.88	8,751	10,000	10,000	-		
					-	Computer/Software Upgrade	-	-	1,966	1,966	-	- vision 2014 & 2015 remains	
<b>TOTAL</b>		<b>1,642,212</b>	<b>2,392,027</b>	<b>2,523,327</b>	131,300	Small Tools & Equipment	1.31	6,530	5,000	5,000	-		
						<b>TOTAL</b>	<b>1.03</b>	<b>161,740</b>	<b>157,184</b>	<b>157,184</b>	-		
						Professional Services	0.41	6,747	16,500	16,500	-	*cross connection & leak survey	
						Water line replacement	1.49	7,470	5,000	5,000	-		
						Communications	1.02	4,579	4,500	4,500	-		
						Travel/Meals/Lodging	0.49	986	2,000	2,000	-		
						Safety Training	0.35	175	500	500	-		
						Insurance	0.92	17,251	18,802	18,802	-		
		Actual	Budget			Electricity	0.85	26,569	31,104	31,104	-		
Water Sales	2012	606,653	650,000			Vehicle Repairs/Maint.	0.32	1,918	6,000	6,000	-	includes vector clutch and attachment	
	2011	572,780	633,359			Storm Drainage	0.99	557	560	560	-		
	2010	539,388	494,034			<b>TOTAL</b>	<b>0.78</b>	<b>66,251</b>	<b>84,966</b>	<b>84,966</b>	-		
	2009	446,891	463,500			<b>TOTAL OPERATION &amp; MAINTENANC</b>	<b>0.90</b>	<b>462,908</b>	<b>514,262</b>	<b>515,141</b>	879	20%	
	2008	450,300	491,310			Clean Tanks	-	-	3,500	3,500	-	a	
	2007	430,158	463,500			Brush mower	-	-	4,500	4,500	-	b	
	2006	429,645	422,390			Paint steel reservoir	-	-	100,000	100,000	-	c	
						Roof	-	-	30,000	30,000	-	d	
						Equipment	0.26	10,284	40,000	40,000	-	e *blowers	
						Meters	-	-	35,000	35,000	-	f	
						Plant Improvements	1.02	20,404	20,000	28,000	8,000	g * water filter project	
						Vehicle	-	-	8,000	8,000	-		
						<b>TOTAL</b>	<b>0.13</b>	<b>30,687</b>	<b>233,000</b>	<b>249,000</b>	16,000		
						Projects	0.62	1,054,646	1,710,000	1,710,000	-		
						Elizabeth Ave Water line design and const	-	-	16,000	16,000	16,000		
						<b>TOTAL CAPITAL EXPENDITURES</b>	<b>0.56</b>	<b>1,085,333</b>	<b>1,943,000</b>	<b>1,975,000</b>	32,000	76%	
						<b>LOAN REPAYMENT</b>							
						DWSRF Backwash Basin			3,871	3,871	-	2035?	
						DWSRF Indian Creek			22,877	22,877	-	2035?	
						DWSRF City Center			39,500	39,500	-	2035?	
						PWTF-94206 Principal	1.00	3,994	3,994	3,994	-	final	
						PWTF 94206 Interest	2.00	160	80	80	-	final	
						Transfer to 001 - Building Rental/mower	0.61	7,500	12,375	12,375	-		
						Transfer to 403 - Intertie Loan USDA 91-01	1.00	4,355	4,354	4,354	-	2027	
						Transfer to 403 -PWTF 04-65104-013	1.01	19,152	18,983	18,983	-	2025	
						<b>TOTAL DEBT PAYMENTS</b>	<b>0.33</b>	<b>35,161</b>	<b>106,033</b>	<b>106,033</b>	-	4%	
<b>GRAND TOTALS ALL REVENUES</b>		<b>1,642,212</b>	<b>2,392,027</b>	<b>2,523,327</b>		<b>GRAND TOTAL EXPENDITURES</b>	<b>0.62</b>	<b>1,583,402</b>	<b>2,563,296</b>	<b>2,596,174</b>	32,879		
						<b>2014 Reserve Contribution /(Depletion)</b>		<b>58,810</b>	<b>(171,268)</b>	<b>(72,847)</b>	98,421		

2014 Budget - City of Ilwaco

5/7/2014

Reserve Analysis		Original	Amended	variance	Reserve Distribution based on proforma				
					2014	2015	2016	2017	2018
<b>CARRYOVER FROM PRIOR YEAR (Beginning Balance)**</b>		\$ 206,016	\$ 115,329	\$ (90,687)					
Revenues	2,392,027								
Operational Exepnses	(620,296)								
<b>Net Collections (Usage) from Operations Activity</b>		\$ 1,771,731	\$ 1,902,153	\$ 130,421					
<b>Reserve Including 2013 Contribution</b>		\$ 1,977,747	\$ 2,017,481	\$ 39,734					
<b>Utilization of Reserve for Capital Items - 2013</b>		\$ (1,943,000)	\$ (1,975,000)	\$ (32,000)					
<b>RESERVE FOR FUTURE (Ending Balance)</b>		\$ 34,747	\$ 42,481	\$ 7,734					
<b>2014 Ending Fund Balance</b>		\$ 34,747	\$ 42,481		\$ 42,481	\$ 131,528	\$ 182,435	\$ 273,168	\$ 154,995
Less:									
New Construction/Equipment Replacement							14,435	30,318	
Loan Repmt Rsv (see fund 404)									
Equipment Replacement @ 50% of next year		300	300		300	22,100	5,000	79,850	(8,005)
Emergency Reserve		100,000	100,000		-	46,428	100,000	100,000	100,000
Operating Reserve 12.5% of expense		63,000	63,000		42,181	63,000	63,000	63,000	63,000
Desired Reserve		163,300	163,300		42,481	131,528	182,435	273,168	154,995
Reserve shortfall		\$ (128,553)	\$ (120,819)						

2014 Budget - City of Ilwaco									
403 - W/S BOND REDEMPTION									
ESTIMATED REVENUES					ESTIMATED EXPENDITURES				
ESTIMATED REVENUES					ESTIMATED EXPENDITURES				
	2013	2014	2014		2013	2014	2014		
	Budget	Original	Amended		Budget	Original	Amended		
Transfer from Water Intertie Loan USDA 91-01	4,355	4,354	\$ 4,354	USDA 91-01 Principal & Interest	4,354	4,354	\$ 4,354		
Transfer From Sewer USDA 92-07	-			USDA 92-07 Principal & Interest	-				
Transfer From Sewer USDA SBR #3	-			USDA SBR #3 Principal & Interest	-				
Transfer From Sewer PWTF 97-791-007	15,086	15,086	\$ 15,086	DOE refinance (only one pmt first year)	107000	215666.7	\$ 215,667		
Transfer from Sewer DOE Sahalee		2,578	\$ 2,578	DOE First Ave		32617	\$ 32,617		
Transfer from Sewer DOE Refinance (only one pmt)	107,000	215,667	\$ 215,667	DOE Sahalee		2577.54	\$ 2,578		
Transfer from Sewer for DOE First Ave		32,617	\$ 32,617	PWTF 97-791-007 Principal & Interest	15,086	15,086	\$ 15,086		
PC 13-961-054 Nesadi				PWTF 04-691-PRE-116; Phase #2- Principal	1496	1496.225	\$ 1,496		
Transfer From Sewer PWTF 04-691	1,676	1,676	\$ 1,676	PWTF 04-691-PRE-116; Phase #2- Interest	180	179.545	\$ 180		
Transfer From Sewer PWTF 05-691	25,528	25,528	\$ 25,528	PWTF 05-691-023; Phase#2 -Principal	20260	20260.485	\$ 20,260		
Transfer From Sewer SRF 94-08	104,308	104,308	\$ 104,308	PWTF 05-691-023; Phase#2 -Interest	5268	5267.725	\$ 5,268		
Transfer from Sewer PWTF 06-962-017	13,564	13,564	\$ 13,564	SRF 94-08 Principal Only	104308	104307.88	\$ 104,308		
Transfer from Sewer B of P 2008	29,648	29,648	\$ 29,648	PWTF 06-962-0017 Principal & Interest	13564	13563.72	\$ 13,564		
Transfer from Water PWTF 04-65104-013	19,152	18,983	\$ 18,983	B of P 2008 Principal & Interest	29648	29648	\$ 29,648		
Transfer from Sewer PR09-951-050	13,168	13,038	\$ 13,038	PWTF 04-65104-013	19152	18982.52	\$ 18,983		
Investment Interest	-	-	\$ -	PC 13-961-054 Nesadi					
				PR09-951-050	13168.37	13038.47	\$ 13,038		
<b>TOTAL</b>	<b>\$ 333,485</b>	<b>\$ 477,046</b>	<b>\$ 477,046</b>	<b>TOTAL</b>	<b>\$ 333,484</b>	<b>\$ 477,046</b>	<b>\$ 477,046</b>		
				<b>2013 Reserve Contribution /(Depletion)</b>	<b>\$ 1</b>	<b>\$ -</b>	<b>\$ -</b>		
<b>Reserve Analysis</b>									
<b>CARRYOVER FROM PRIOR YEAR</b>									
			\$ -						
	REVENUES		\$ 477,046						
	EXPENSES		\$ (477,046)						
			\$ -						
			\$ -						
			\$ -						
<b>CARRYOVER TO NEXT YEAR</b>									
			\$ -						

2014 Budget - City of Ilwaco										5/7/2014
404- W/S BOND RESERVE										
ESTIMATED REVENUES					ESTIMATED EXPENDITURES					
	2013	2014	2014							
	Budget	Original	Amended							
WWTP Bond Reserve First Ave	-	12,920	12,920	+4						
WWTP Bond Reserve- L1300001	6,137	4,668	4,668	+3						
WWTP Bond Reserve-2008-BofP	2,965	2,965	2,965	+3						
<b>TOTAL</b>	<b>9,102</b>	<b>20,553</b>	<b>20,553</b>		<b>TOTAL</b>			<b>\$0.00</b>		
								<b>2014 Reserve Contribution /(Depletion)</b>	<b>\$20,552.93</b>	
<b>Reserve Analysis</b>										
		Original	Amended							
<b>CARRYOVER FROM PRIOR YEAR (Beginning Balance)</b>		\$ 327,179.00	\$ 327,178.55							
<b>2014 Reserve Contribution /(Depletion)</b>		\$ 20,552.93	\$ 20,552.93							
<b>CARRYOVER TO NEXT YEAR</b>		\$ 347,731.93	\$ 347,731.48							
								Thru 2013		
								Needed	Difference	
WTP Bond Reserve-1987-#91-01			Water		Ord. 541			\$ 4,500.00	\$ 4,500.00	
WWTP Bond Reserve First Ave								\$ 64,604.00	\$ 64,604.00	
WWTP Bond Reserve-1999-#92-07 - transfered to L1300001			Sewer Plant		Ord. 615	141,762			\$ -	
WWTP Bond Reserve-2000-#L9400008		(Seaview 39,537.90)	Sewer Plant				Seaview provides potion of annual pmt	\$ 104,307.88	\$ 104,307.88	
WWTP Bond Reserve L1300001 (refi of USDA 92-07 & 92-10)		(Seaview 59,371)	Sewer Plant & SBR #3				Seaview provides potion of annual pmt	\$ 215,666.70	\$ 196,995.00	
WWTP Bond Reserve-2004-#92-10 - transfered to L1300001			SBR#3			61,368			\$ -	
WWTP Bond Reserve-2008-BofP			PumpStations		Ord. 736			\$ 29,646.80	\$ 21,376.12	
								\$ 418,725.38	\$ 327,179.00	
									\$ 91,546.38	
									\$ 327,179.00	
SRF/DOE Loan #L1300001 requires 1 annual payment accrued over the first 5 years of loan.										
SRF/DOE Loan #L9400008 requires 1 annual payment accrued over the first 5 years of loan.										
USDA-RD Loan #92-07 required 1 annual payment in reserve within 10 years.										
USDA-RD Bond requires 1 annual payment in reserve within 10 years.										
	Loan #92-10									
	Loan #2008-PumpStations									

				2014 Budget - City of Ilwaco								5/7/2014		
<b>408 STORMWATER FUND</b>														
<b>ESTIMATED REVENUES -</b>								<b>ESTIMATED EXPENDITURES</b>						
				2013	2014	2014					2013	2014	2014	
				ACTUAL	Original	Amended					ACTUAL	Original	Amended	
							Salaries & Wages				11,818	15,729	15,066	(663)
Service Charges		1.06	76,474	72,000	\$72,000		Benefits				4,159	5,389	5,274	(115)
Interest			14	-	\$0		Storm Drain Operating				8,739	8,000	8,000	-
							Office & Operating				-	-	-	-
							Excise tax				1,484	1,600	1,600	-
<b>GRAND TOTAL REVENUES</b>			<b>\$76,488</b>	<b>\$72,000</b>	<b>\$72,000</b>		Gas & Oil				1,146	1,000	1,000	-
							Small Tools & Equipment				-	-	-	-
							Safety Training				-	-	-	-
							Insurance				601	692	692	-
							Software				-	600	600	-
							Vehicle				-	-	-	-
							Storm Drainage Supplies				1,013	-	-	-
							Drainage Construction				5,549	5,600	5,600	-
							Transfer to 001 - Building Rental/mower				5,000	5,500	5,500	-
							<b>O &amp; M Subtotal</b>		<b>0.90</b>		<b>39,507</b>	<b>44,110</b>	<b>43,332</b>	<b>(778)</b>
							half PWTF 04-691-PRE-116; Phase #2- Principal				1,496	1,496	1,496	-
							half PWTF 04-691-PRE-116; Phase #2- Interest				180	165	165	-
							half PWTF 05-691-023; Phase#2 -Principal				20,260	20,260	20,260	-
							half PWTF 05-691-023; Phase#2 -Interest				5,268	4,863	4,863	-
							DOE #L9900038 Strmwtr - Principal				3,309	3,446	3,446	-
							DOE #L9900038 Strmwtr - Interest				1,410	1,273	1,273	-
							Reserve/Contingency				-	-	-	-
							Miscellaneous				-	-	-	-
							<b>Debt Subtotal</b>		<b>1.01</b>		<b>31,923</b>	<b>31,503</b>	<b>\$31,503</b>	<b>-</b>
<b>GRAND TOTAL REVENUES</b>			<b>\$76,488</b>	<b>\$72,000</b>	<b>\$72,000</b>		<b>GRAND TOTAL EXPENDITURE</b>		<b>0.94</b>		<b>71,430</b>	<b>75,613</b>	<b>\$74,835</b>	<b>(778)</b>
														-
							<b>2014 Reserve Contribution /(Depletion)</b>				<b>(\$4,473)</b>	<b>(\$3,613)</b>	<b>(\$2,835)</b>	<b>778</b>
<b>Reserve Analysis</b>														
							Original							Amended
<b>CARRYOVER FROM PRIOR YEAR (Beginning Balance)</b>							\$ 11,406							\$ 8,955
<b>2014 Reserve Contribution /(Depletion)</b>							\$ (3,613)							(\$2,835)
<b>CARRYOVER TO NEXT YEAR</b>							\$ 7,793							\$ 6,120

2014 Budget - City of Ilwaco

5/7/2014

409 - SEWER FUND											
ESTIMATED REVENUES					ESTIMATED EXPENDITURES					Notes	
		2013	2014	2014			2013	2014	2014		
		ACTUAL	Original	Amended			ACTUAL	Original	Amended		
Seaview Sewer Dist. Fees	0.59	136,541	230,731	231,998	1,267	Salaries & Wages	125,858	148,801	\$ 147,673	\$ (1,127)	
Seaview DOE Refinance loan match (one pmt 1st yr)					-	Benefits	45,367	53,937	\$ 53,739	\$ (199)	
Seaview RD Loan Match					-	<b>TOTAL</b>	<b>\$ 171,225</b>	<b>\$ 202,738</b>	<b>\$ 201,412</b>	<b>\$ (1,326)</b>	
Seaview SRF Loan Match		66,034	94,282	94,282	-	Operation & Maintenance	21,665	11,700	\$ 11,700	\$ -	
<b>TOTAL</b>		<b>202,575</b>	<b>325,013</b>	<b>326,280</b>	<b>1,267</b>	Electrical Maintenance	29,153	27,000	\$ 27,000	\$ -	
Surplus		646.10			-	Lab Supplies	625	2,730	\$ 2,730	\$ -	
Sewer Service Charges	0.94	778,073	824,244	824,244	-	Office Supplies & Support	4,033	3,855	\$ 3,855	\$ -	
Insurance recovery		15,253	-	-	-	Computer & Software Support	8,464	10,000	\$ 10,000	\$ - add Ifocus	
Sewer Connections		6,200	18,600	18,600	-	Chemicals	13,737	21,000	\$ 21,000	\$ -	
Other		572	500	500	-	Excise Tax	15,423	16,528	\$ 16,528	\$ -	
<b>TOTAL</b>		<b>800,745</b>	<b>843,344</b>	<b>843,344</b>	<b>-</b>	Annual Meter Calibrations	2,020	4,120	\$ 4,120	\$ -	
Loan Proceeds		29,795	295,000	295,000	-	DOE Annual Permit	4,123	2,600	\$ 2,600	\$ -	
First Ave project		908,092	-	23,804	23,804	Screen Panels & Brushes	-	1,854	\$ 6,800	\$ 4,946	
<b>TOTAL</b>		<b>937,887</b>	<b>295,000</b>	<b>318,804</b>	<b>23,804</b>	Gas/Oil Products	4,260	7,000	\$ 7,000	\$ -	
<b>GRAND TOTAL ALL REVENUES</b>		<b>1,941,207</b>	<b>1,463,357</b>	<b>1,488,428</b>	<b>25,071</b>	Small Tools	602	3,000	\$ 3,000	\$ -	
						Maintenance/brushing right of ways	-	-	\$ -	\$ -	
						<b>TOTAL</b>	<b>0.93</b>	<b>\$ 104,105</b>	<b>\$ 111,387</b>	<b>\$ 116,333</b>	<b>\$ 4,946</b>
						Professional Services	-	-	\$ -	\$ -	
						Attorney Fees	-	-	\$ -	\$ -	
						Communications	0.84	4,552	5,410	\$ 5,410	\$ -
						Travel/Meals/Lodging	0.04	94	2,500	\$ 2,500	\$ -
						Training	0.00	-	3,500	\$ 3,500	\$ -
						Insurance	0.92	12,838	13,894	\$ 13,894	\$ -
						Electricity	0.90	56,055	62,000	\$ 62,000	\$ -
						City Water	1.14	6,295	5,500	\$ 5,500	\$ -
						City Sewer	1.16	9,306	8,000	\$ 8,000	\$ -
						Garbage Services	0.72	1,882	2,600	\$ 2,600	\$ -
						Storm Drainage	0.76	446	584	\$ 584	\$ -
						Repairs	0.45	9,128	20,200	\$ 20,200	\$ - UV maint/pumps
						Spray Sludge Disposal Site	0.57	24,483	43,000	\$ 43,000	\$ - * 16,000 is lease pmts and 27,000 mntc including winter app site
						Annual Pipe Clean/TV Inspection	0.10	623	6,000	\$ 6,000	\$ -
						Misc.	#DIV/0!	5,150	-	\$ -	\$ -
						<b>TOTAL</b>	<b>0.76</b>	<b>\$ 130,850</b>	<b>\$ 173,188</b>	<b>\$ 173,188</b>	<b>\$ -</b>
						<b>TOTAL OPERATION &amp; MAINTI</b>	<b>0.83</b>	<b>\$ 406,180</b>	<b>\$ 487,313</b>	<b>\$ 490,932</b>	<b>\$ 3,620</b>
						Machinery & Equipment		6,723	94,753	\$ 94,753	\$ -
						Electrical Repairs		-	-	\$ -	\$ -
						Sludge Truck life extension		0	0	\$ -	\$ -
										\$ -	\$ -
						Treatment Plant Roof/Siding/Painting/Parking lot n		3,164	59,200	\$ 59,200	\$ -
						Vehicle Purchase		-	8,000	\$ 8,000	\$ -
										\$ -	\$ -
						Effluent pmp&meter 2013			68,000	\$ 68,000	\$ -
						<b>TOTAL</b>	<b>0.04</b>	<b>\$ 9,888</b>	<b>\$ 229,953</b>	<b>\$ 229,953</b>	<b>\$ -</b>
						Software Upgrade			1,966	\$ 1,966	\$ - - vision 2014 & 2015 remains
						Nesadi/Sahalee		63,874	295,000	\$ 295,000	\$ -
						First Street Sewer Line		886,860	-	\$ -	\$ -
						Sewer Line Replacement/repair		9,886	25,333	\$ 25,333	\$ - Eliza Street Sewer Line



**CITY OF ILWACO**  
**CITY COUNCIL AGENDA ITEM BRIEFING**

A. Meeting Dates: Council Workshop: Public Hearing:  
Council Discussion Item: 5/12/14 Council Business Item:

B. Issue/Topic: **Backwash Basin Improvements Project Rebid Award**

C. Sponsor(s):

1. Mike Cassinelli
- 2.

D. Background (overview of why issue is before council):

As illustrated on the bid tabulation, two bids were received for the Backwash Basin Improvements project with the lowest responsive bidder being Big River Construction.

E. Discussion (specific details relevant to the issue, pros/cons, alternatives and any other decision-making details):

Neither of the bids were under the engineers estimated costs, but the lowest bid of the two belonged to Big River Construction. Josef has recommended the council authorize the mayor to accept the bid and begin construction. The engineer's estimated cost was \$68,345.20 and Big River's bid was \$72,290.68 with a difference of \$3,945.48.

F. Impacts:

1. Fiscal: Of the 99,000 DWSRF loan for the project, there is \$72,000 for construction
2. Legal: Documents to be reviewed prior to execution.
3. Personnel: None
4. Service/Delivery: None

G. Planning Commission:  Recommended  N/A  Public Hearing on

H. Staff Comments:

I. Time Constraints/Due Dates: The bid is to be awarded within 60 days after the opening of the bids; however, awarding the bid earlier will allow for the contractor to begin preparations to take advantage of the improving weather.

**Proposed Motion: I move to authorize the mayor to award the bid and enter into a contract with Big River Construction for the Backwash basin project for a total of \$72,290.68.**



Gray & Osborne, Inc.  
CONSULTING ENGINEERS

May 6, 2014

Mayor Mike Cassinelli  
City of Ilwaco  
P.O. Box 548  
Ilwaco, Washington 98624

SUBJECT: REVIEW OF BIDS, BACKWASH BASIN IMPROVEMENTS  
CITY OF ILWACO, PACIFIC COUNTY, WASHINGTON  
G&O #12458.00

Dear Mayor Cassinelli:

On April 29, 2014, the City received two bids for the Backwash Basin Improvements project. The bids ranged from \$72,290.68 to \$93,786.00. The Engineer's Estimate was \$68,345.20. Each proposal was checked for correctness of extensions of the prices per unit and the total price. One correction was made; however, this correction did not change the position of the low bidder. We have provided a bid summary with this letter. The bidders and their respective bid amounts, including sales tax where applicable, are as follows:

	<b>Engineer's Estimate.....</b>	<b>\$68,345.20</b>
1.	Big River Excavating, Inc. (Astoria, Oregon) .....	\$72,290.68
2.	Rognlin's, Inc. (Aberdeen, Washington).....	\$93,786.00

The low responsive bidder, Big River Excavating, Inc. of Astoria, Oregon, is currently a Washington State registered and licensed contractor and appears to have the relevant qualifications and experience to successfully perform the work the project will require. To our knowledge, the low bidder has not claimed bid error and no formal bidding protests have been recorded. In accordance with RCW 39.04, we have verified the low bidder, Big River Excavating, Inc. of Astoria, Oregon, has met the responsibility criteria.

Based on our evaluation, we recommend that the project be awarded to the lowest responsive, responsible bidder, Big River Excavating, Inc., 1050 Olnier Avenue, Astoria, Oregon 97105.

Please contact us if you have any questions and/or require additional information.

Sincerely,

GRAY & OSBORNE, INC.

Josef Dalaeli, P.E.

JD/hhj  
Encl.

cc: Ms. Connie Rivera, Washington State Department of Commerce

701 Dexter Avenue N., Suite 200 Seattle, Washington 98109 (206) 284-0860 Fax (206) 283-3206

BIDDER		ENGINEER'S ESTIMATE		BIG RIVER EXCAVATING, INC.		ROGNLIN'S, INC.		
BIDDER ADDRESS				1050 Olnier Avenue		321 West State Street		
WASHINGTON STATE WORKMAN'S COMP. ACCT. NO.				Astoria, OR 97105		Aberdeen, WA 98520		
WASHINGTON STATE CONTRACTOR'S REG. NUMBER				SAIF (OR) 012 316-00		216583-01		
BID BOND OR OTHER GOOD FAITH TOKEN				BIGRIE955DW		ROGNL**342LF		
				5% BID BOND		5% BID BOND		
NO.	ITEM	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	Mobilization, Cleanup and Demobilization	1 LS	\$10,000.00	\$10,000.00	\$6,800.00	\$6,800.00	\$4,000.00	\$4,000.00
2	Minor Changes	1 CALC	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
3	Asphalt for Settling Basin	30 TN	\$700.00	\$21,000.00	\$450.00	\$13,500.00	\$270.00	\$8,100.00
4	Excavation and Wastehaul	50 CY	\$50.00	\$2,500.00	\$120.00	\$6,000.00	\$20.00	\$1,000.00
5	Unsuitable Excavation	10 CY	\$40.00	\$400.00	\$10.00	\$100.00	\$40.00	\$400.00
6	Crushed Surfacing Top Course	50 TN	\$50.00	\$2,500.00	\$230.00	\$11,500.00	\$30.00	\$1,500.00
7	Discharge Catch Basin	1 LS	\$8,000.00	\$8,000.00	\$5,200.00	\$5,200.00	\$30,000.00	\$30,000.00
8	Sump Pumps, Variable Level Switches and Piping	2 EA	\$4,000.00	\$8,000.00	\$3,820.00	\$7,640.00	\$15,000.00	\$30,000.00
9	Electrical	1 LS	\$10,000.00	\$10,000.00	\$15,320.00	\$15,320.00	\$11,000.00	\$11,000.00
	Subtotal:			\$63,400.00		\$67,060.00		\$87,000.00
	Sales Tax @ 7.8%			\$4,945.20		\$5,230.68		\$6,786.00
	<b>TOTAL CONSTRUCTION COST</b>			\$68,345.20		\$72,290.68		\$93,786.00
Sealed bids were opened at the City of Ilwaco, 120 First Avenue North, Ilwaco, Washington 98624 on April 29, 2014, at 2:00 p.m. (local time).								
I hereby certify that, to the best of my knowledge, the above tabulations are true and correct transcriptions of the unit prices and total amounts bid.								
								
JOSEF DALAELI, P.E.								

DENOTES  
MATHEMATICAL OR  
ROUNDING ERROR

DATE: 4/2014  
DRAWN: SC  
CHECKED: JD  
APPROVED: JD

GRAY & OSBORNE  
CONSULTING ENGINEERS  
SEATTLE, OLYMPIA, YAKIMA,  
VANCOUVER & ARLINGTON, WASHINGTON

CITY OF ILWACO, WASHINGTON  
BACKWASH BASIN IMPROVEMENTS REBID  
GRAY & OSBORNE #12458

**CITY OF ILWACO**  
**CITY COUNCIL AGENDA ITEM BRIEFING**

- A. Meeting Dates: Council Workshop: Public Hearing:  
Council Discussion Item: 05/12/14 Council Business Item:
- B. Issue/Topic: **Amend scope of Gray & Osborne contract for Elizabeth Avenue project to include construction management**
- C. Sponsor(s):  
1. Mike Cassinelli 2.
- D. Background (overview of why issue is before council):  
1. The WA State TIB provides grant funds to governments for transportation improvements. The Elizabeth Street Improvements Project was originally executed on February 19, 2013. All the basic provisions that were originally made are still in effect with the addition of the work described in the supplemental agreement.
- E. Discussion (specific details relevant to the issue, pros/cons, alternatives and any other decision-making details)  
1. This addition will provide construction management services through Gray & Osborne, which includes: Project management, which will assist in contract execution. They will also provide office support, on-site inspection services, construction survey staking, record drawing preparation and assist the City in any other possible change orders and/or compliance closeout paperwork.
- F. Impacts:  
1. Fiscal: Design and construction management for both roadway and water main of \$150,317.00.  
2. Legal: Attorney had not reviewed the supplement  
3. Personnel:  
4. Service/Delivery:
- G. Planning Commission:  Recommended  N/A  Public Hearing on
- H. Staff Comments:  
1. None
- I. Time Constraints/Due Dates: Work cannot begin until documents are received and approved by TIB.
- J. Proposed Motion: **I move to authorize the mayor to execute supplement #3 to amend the scope of work with Gray and Osborne for the Elizabeth Streets Improvement Project (TIB 6-W-969(003)-1).**



Transportation Improvement Board  
**Consultant Supplemental Agreement**

Agency	City of Ilwaco	Project Number	TIB #6-W-969(003)-1
Project Name	Elizabeth Street Improvements (SR 101 to Howerton Way)		
Consulting Firm	Gray & Osborne, Inc.		
Supplement Phase	Supplement No. 3 for Construction Management Services		

---

The Local Agency of Ilwaco, Washington desires to supplement the design agreement entered into with Gray & Osborne, Inc. and originally executed on February 19, 2013.

All provisions in the basic agreement remain in effect except as expressly modified by this supplement.

The changes to the agreement are described as follows:

Section II, **SCOPE OF WORK**, is hereby changed to read

SCOPE OF WORK (CONSTRUCTION MANAGEMENT SERVICES)

1. Provide project management to include management of engineering resources, risk management assessment, monitoring of Contractor's compliance with schedule, and assist City and TIB coordination during construction phase of project.
2. Assist in contract execution (Contractor and City), preconstruction conference (prepare agenda, invite participants and prepare meeting minutes), and issue formal Notice to Proceed.
3. Provide construction survey staking in compliance with the contract documents sufficient in nature to assist the Contractor in the construction of this project. All such work to be performed under the supervision of a Washington State licensed professional land surveyor (PLS).
4. Provide office support to include material submittal review, correspondence, review and processing of monthly pay estimates, telecons and other items to support Contractor inquiries and field activities. Provide Contractor with timely interpretation of contract documents as may be requested. Answer Contractor-sponsored requests for information (RFIs).
5. Provide on-site inspection services to witness and document the Contractor's compliance with contract requirements to include methods, equipment and materials. Note: This contract has budgeted inspection hours based on providing part-time inspection through substantial completion (50 work days), punchlist preparation, and final project walk-through.
6. Prepare record drawings based on the Contractor's submittal of his drawings (including markups) and the inspector's markups. One original copy of the final record drawings will be provided to the City.
7. Assist City in negotiation of change orders as may be applicable. For budgeting purposes



Transportation Improvement Board  
**Consultant Supplemental Agreement**

we have assumed up to 6 hours of project engineer time for this task.

- 8. Assist the City in preparing project closeout paperwork in compliance with state law and TIB requirements.

NOTE: (1) Our scope of work and fees does not anticipate nor include overtime (more than 40 hours per week) on a contract duration in excess of 50 work days to substantial completion.

(2) Our scope of work and fees assumes all work will be completed in the 2014 calendar year.

Section IV, **TIME FOR BEGINNING AND COMPLETION**, ~~remains the same~~ the Completion Date  
 SUPPLEMENTAL COMPLETION DATE December 31, 2014

Section V, **PAYMENT**, shall be amended as follows as set forth in Exhibits A-3 and B-3 (shown herein)  
 MAXIMUM AMOUNT PAYABLE \$150,317.00

If you concur with this supplement and agree to the changes as stated herein, please sign and date in the appropriate spaces below.

Agency Signature	Date
Consultant Signature <i>Thomas M. Zupel</i>	Date 5/2/2014

Transportation Improvement Board  
**Consultant Supplemental Agreement**



**EXHIBIT A-3**

	Original Agreement (Design Phase)	Supplement No. 1 (Legal Descriptions)	Supplement No. 2 (Water Main)	Supplement No. 3 (Construction Engineering)	Total
Direct Salary Cost	\$18,544	\$ 409	\$1,808	\$19,870	\$ 40,601
Overhead (including Payroll Additives)	\$33,379	\$ 736	\$3,254	\$35,712	\$ 73,081
Direct Non-salary Costs	\$11,789	\$ 0	\$ 179	\$ 7,615	\$ 19,583
Fixed Fee	\$ 7,788	\$ 172	\$ 759	\$ 8,333	\$ 17,052
Total	\$71,500	\$1,317	\$6,000	\$71,500	\$150,317



Transportation Improvement Board  
**Consultant Supplemental Agreement**

**EXHIBIT B-3 (CONSULTANT FEE DETERMINATION SHEET - COST PLUS FIXED FEE)**

Prepared by: Tamara Nack, P.E.					Date: May 1, 2014	
Project: Elizabeth Street Improvements (SR 101 to Howerton Way)						
Classification	Manhours		Rate		Cost	
Principal-in-Charge	4	X	\$35 to \$59	=	\$ 224	
Project Manager/Engineer	36	X	\$33 to \$56	=	\$ 1,764	
EIT/Design/Civil Engineer(s)	56	X	\$24 to \$34	=	\$ 1,904	
Transportation/Electrical Engineer(s)	12	X	\$31 to \$53	=	\$ 516	
Survey Technician/Drafter	12	X	\$14 to \$28.70	=	\$ 336	
Survey Crew	40	X	\$45 to \$85	=	\$ 2,640	
Environmental Technician/Specialist	0	X	\$25 to \$35	=	\$ 0	
Professional Land Surveyor	16	X	\$34 to \$36	=	\$ 576	
Resident Engineer	360	X	\$23 to \$33	=	\$11,880	
<b>TOTAL DSC</b>					<b>\$19,840</b>	
OH Rate x DSC		180.00%	X	\$19,840	=	\$35,712
<b>FIXED FEE</b>						
FF Rate x FF		42%	X	\$19,840	=	\$ 8,333
<b>REIMBURSABLE</b>						
Printing, Mileage (@ \$0.55/mile), per diem, Miscellaneous, etc.						\$ 7,615
<b>SUBCONSULTANTS COSTS:</b>						\$ 0
<b>GRAND TOTAL</b>						<b>\$71,500</b>

## Elaine McMillan

---

**From:** Ritter, Clint (TIB) [ClintR@TIB.wa.gov]  
**Sent:** Monday, May 05, 2014 7:41 AM  
**To:** Tamara Nack; 'Elaine McMillan'  
**Subject:** RE: Elizabeth St and FY Sidewalk Maintenance CM services

Both supplements for CM look fine, you have TIB approval to proceed. Please send me an executed copy of each.

Clint

---

**From:** Tamara Nack [<mailto:tnack@g-o.com>]  
**Sent:** Sunday, May 04, 2014 1:15 PM  
**To:** 'Elaine McMillan'  
**Cc:** Ritter, Clint (TIB)  
**Subject:** Elizabeth St and FY Sidewalk Maintenance CM services

Elaine,

As requested, we are forwarding for the City's review supplemental agreements to provide construction management and inspection services for the Elizabeth Avenue Improvements and Sidewalk Maintenance project.

As a courtesy we are copying Clint Ritter of the TIB . The TIB will need to review the supplemental agreements and authorizes the City to enter the agreements.

This Tuesday I will bring the signed originals to the City.

Tamara Nack, P.E.  
Gray & Osborne, Inc.  
701 Dexter Ave N. Suite 200  
Seattle WA, 98109

Ph(206)284-0860  
Fx(206)283-3206

**CITY OF ILWACO  
CITY COUNCIL AGENDA ITEM BRIEFING**

- A. Meeting Dates: Council Workshop: Public Hearing:  
Council Discussion Item: 05/12/14 Council Business Item:
- B. Issue/Topic: **Amend scope of contract with Gray & Osborne on Sidewalk Maintenance Project to include Construction Management**
- C. Sponsor(s):  
1. Mike Cassinelli 2.
- D. Background (overview of why issue is before council):  
1. The WA State TIB provides grant funds to governments for transportation improvements. The Sidewalk Maintenance Project was originally executed on March 28, 2012. All the basic provisions that were originally made are still in effect with the addition of the work described in the supplemental agreement.
- E. Discussion (specific details relevant to the issue, pros/cons, alternatives and any other decision-making details)  
1. This addition will provide construction management services through Gray & Osborne, which includes: Project management, which will assist in contract execution. They will also provide office support, on-site inspection services and assist the City in any other possible change orders and/or compliance closeout paperwork.
- F. Impacts:  
1. Fiscal: Design and construction management of \$19,846.  
2. Legal: n/a  
3. Personnel: n/a  
4. Service/Delivery: n/a
- G. Planning Commission:  Recommended  N/A  Public Hearing on
- H. Staff Comments:  
1. None
- I. Time Constraints/Due Dates: Work cannot begin until documents are received and approved by TIB.
- J. Proposed Motion: **I move to authorize the mayor to execute supplement #3 to amend the scope of work with Gray and Osborne for the Sidewalk Maintenance Project (TIB 2-W-969(002)-1).**



Transportation Improvement Board  
**Consultant Supplemental Agreement**

Agency	City of Ilwaco	Project Number	TIB #2-W-969(002)-1
Project Name	Fiscal Year 2013 Sidewalk Maintenance Projects		
Consulting Firm	Gray & Osborne, Inc.		
Supplement Phase	Supplement No. 3 for Construction Management Services		

---

The Local Agency of Ilwaco, Washington desires to supplement the design agreement entered into with Gray & Osborne, Inc. and originally executed on March 28, 2012.

All provisions in the basic agreement remain in effect except as expressly modified by this supplement.

The changes to the agreement are described as follows:

Section II, **SCOPE OF WORK**, is hereby changed to read

SCOPE OF WORK (CONSTRUCTION MANAGEMENT SERVICES)

1. Provide project management to include management of engineering resources, risk management assessment, monitoring of Contractor's compliance with schedule, and assist City and TIB coordination during construction phase of project.
2. Assist in contract execution (Contractor and City), preconstruction conference (prepare agenda, invite participants and prepare meeting minutes), and issue formal Notice to Proceed.
3. Provide office support to include material submittal review, correspondence, review and processing of monthly pay estimates, teleconferences, and other items to support Contractor inquiries and field activities. Provide Contractor with timely interpretation of contract documents as may be requested. Answer Contractor-sponsored requests for information (RFIs).
4. Provide on-site inspection services to witness and document the Contractor's compliance with contract requirements to include methods, equipment, and materials. Note: This contract has budgeted 48 hours of inspection based on providing part-time inspection to witness Contractor's efforts during the construction of critical items of work, as well as inspector's attendance at preconstruction meeting, punch list preparation, and final project walkthrough.
5. Assist City in negotiation of change orders as may be applicable.
6. Assist the City with preparing project closeout paperwork in compliance with state law and TIB requirements.

NOTE: (1) Our scope of work and fees assumes all work will be completed in the 2014 calendar year and that the work will take place during the construction of the Elizabeth Avenue Improvements as we will have an inspector in town for this project as well. As such this resource can be shared for this small TIB project and budget.



Transportation Improvement Board  
**Consultant Supplemental Agreement**

Section IV, **TIME FOR BEGINNING AND COMPLETION**, remains the same the Completion Date  
SUPPLEMENTAL COMPLETION DATE December 31, 2014

Section V, **PAYMENT**, shall be amended as follows as set forth in Exhibits A-3 and B-3 (shown  
herein)  
MAXIMUM AMOUNT PAYABLE \$19,846

If you concur with this supplement and agree to the changes as stated herein, please sign and date in  
the appropriate spaces below.

Agency Signature	Date
Consultant Signature <i>Thomas M. Zuchel</i>	Date <i>5/2/2014</i>



Transportation Improvement Board  
**Consultant Supplemental Agreement**

**EXHIBIT A-3**

	Original Agreement (Design Phase)	Supplement No. 1 (Construction Management Services) Not Executed	Supplement No. 2 (Contract Extension)	Supplement No. 3 (Construction Management Services)	Total
Direct Salary Cost	\$2,584	\$0	\$0	\$ 3,324	\$ 5,908
Overhead (including Payroll Additives)	\$4,419	\$0	\$0	\$ 5,684	\$10,103
Direct Non-salary Costs	\$ 260	\$0	\$0	\$ 1,170	\$ 1,430
Fixed Fee	\$1,052	\$0	\$0	\$ 1,353	\$ 2,405
Total	\$8,315	\$0	\$0	\$11,531	\$19,846



Transportation Improvement Board  
**Consultant Supplemental Agreement**

**EXHIBIT B-3 (CONSULTANT FEE DETERMINATION SHEET - COST PLUS FIXED FEE)**

Prepared by: Tamara Nack, P.E.					Date: May 1, 2014	
Project: Fiscal Year 2013 Sidewalk Maintenance Projects – Construction Management Services						
Classification	Hours		Rate		Cost	
Principal-in-Charge	2	X	\$32 to \$58	=	\$ 112	
Project Manager/Engineer	8	X	\$32 to \$43	=	\$ 588	
EIT/Design/Civil Engineer(s)	20	X	\$18 to \$32	=	\$ 816	
Transportation/Electrical Engineer(s)	0	X	\$24 to \$50	=	\$ 0	
Survey Technician/Drafter	0	X	\$15 to \$29	=	\$ 0	
Survey Crew	0	X	\$43 to \$96	=	\$ 0	
Environmental Technician/Specialist	0	X	\$26 to \$36	=	\$ 0	
Professional Land Surveyor	0	X	\$33 to \$42	=	\$ 0	
Resident Engineer	48	X	\$28 to \$46	=	\$ 1,584	
<b>TOTAL DSC</b>					<b>\$ 3,324</b>	
OH Rate x DSC		171.00%	X	\$3,324	=	\$ 5,684
<b>FIXED FEE</b>						
FF Rate x FF		40.7%	X	\$3,324	=	\$ 1,353
<b>REIMBURSABLE</b>						
Printing, Mileage (@ \$0.55/mile), per diem, Miscellaneous, etc.						\$ 1,170
<b>SUBCONSULTANTS COSTS:</b>						\$ 0
<b>GRAND TOTAL</b>						<b>\$11,531</b>

## Elaine McMillan

---

**From:** Ritter, Clint (TIB) [ClintR@TIB.wa.gov]  
**Sent:** Monday, May 05, 2014 7:41 AM  
**To:** Tamara Nack; 'Elaine McMillan'  
**Subject:** RE: Elizabeth St and FY Sidewalk Maintenance CM services

Both supplements for CM look fine, you have TIB approval to proceed. Please send me an executed copy of each.

Clint

---

**From:** Tamara Nack [<mailto:tnack@g-o.com>]  
**Sent:** Sunday, May 04, 2014 1:15 PM  
**To:** 'Elaine McMillan'  
**Cc:** Ritter, Clint (TIB)  
**Subject:** Elizabeth St and FY Sidewalk Maintenance CM services

Elaine,

As requested, we are forwarding for the City's review supplemental agreements to provide construction management and inspection services for the Elizabeth Avenue Improvements and Sidewalk Maintenance project.

As a courtesy we are copying Clint Ritter of the TIB . The TIB will need to review the supplemental agreements and authorizes the City to enter the agreements.

This Tuesday I will bring the signed originals to the City.

Tamara Nack, P.E.  
Gray & Osborne, Inc.  
701 Dexter Ave N. Suite 200  
Seattle WA, 98109

Ph(206)284-0860  
Fx(206)283-3206

**CITY OF ILWACO**  
**CITY COUNCIL AGENDA ITEM BRIEFING**

A. Meeting Dates: Council Workshop: Public Hearing:  
Council Discussion Item: 05/12/14 Council Business Item:

B. Issue/Topic: **2016 Washington State Public Works Board Construction Loan Application**

C. Sponsor(s):

1. Mike Cassinelli
- 2.

D. Background (overview of why issue is before council):

1. The Department of Commerce Local Government and Infrastructure Division provides low-interest loan funds to governments for construction of repair, replace, and construction of infrastructure for domestic water, sanitary sewer, storm water, solid waste, road and bridge projects. This would be ideal for the Sahalee subdivision water main construction.

E. Discussion (specific details relevant to the issue, pros/cons, alternatives and any other decision-making details)

1. The first step necessary to apply for funding is for City Council to pass a resolution indicating their desire to participate in the program and receive the Public Works Construction Board loans. The actual funding agreements will be brought before council at a later date.

F. Impacts:

1. Fiscal: (Funding offers. Actual funding agreements to be negotiated)

The loan terms are 20 years at the interest rate of 2.55%, which would make the annual payments \$81,000 year and they are identified in the water fund budget forecast.

2. Legal:
3. Personnel:
4. Service/Delivery:

G. Planning Commission:  Recommended  N/A  Public Hearing on

H. Staff Comments:

1. None

I. Time Constraints/Due Dates: This application needs to be submitted by May 16<sup>th</sup>, 2014.

J. Proposed Motion: **I move to adopt the resolution authorizing the city to participate in the Public Works Construction Board 2016 Loan Program for Sahalee Subdivision Water Replacement Project.**

**CITY OF ILWACO  
RESOLUTION NO. 2014-XX**

**A RESOLUTION OF THE CITY OF ILWACO, WASHINGTON, AUTHORIZING THE APPLICATION FOR PUBLIC WORKS BOARD 2016 CONSTRUCTION LOAN**

**WHEREAS**, the Washington State Department of Commerce Local Government and Infrastructure Division, has established a Public Works Board 2016 Construction loan for providing financial assistance for the construction of repair, replace, and construction of infrastructure for domestic water, sanitary sewer, storm water, solid waste, road and bridge projects.; and

**WHEREAS**, the governing body for the City of Ilwaco is pursuing a Public Works Board 2016 Construction loan; and

**WHEREAS**, the repayment of the Public Works Board 2016 Construction loan finding requires adequate revenue to meet debt service.

**NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF ILWACO, WASHINGTON, DOES RESOLVE AS FOLLOWS:**

**Section 1.** The City of Ilwaco desires to participate in the Public Works Board 2016 Construction loan Program for the Sahalee Subdivision Water Replacement Project.

**Section 2.** The City Council of the City of Ilwaco does hereby authorize the city to receive the Public Works Board 2016 Construction loan and to take such other actions as are necessary and relevant to the Public Works Board 2016 Construction loan Program.

**Section 3.** The City of Ilwaco agrees to maintain adequate revenue streams sufficient to provide funds to pay all system operating expenses and debt repayments during the term of the loan.

**Section 4.** This resolution, being an exercise of power specifically delegated to the city legislative body, is not subject to referendum and shall take effect five (5) days after passage by the City Council.

**PASSED BY THE CITY COUNCIL OF THE CITY OF ILWACO, AND SIGNED IN AUTHENTICATION OF ITS PASSAGE THIS \_\_ TH DAY OF \_\_\_\_\_, 2014.**

\_\_\_\_\_  
Mike Cassinelli, Mayor

ATTEST:

\_\_\_\_\_  
Ariel Smith, Deputy City Clerk

VOTE	Jensen	Mulinix	Marshall	Chambreau	Forner	Cassinelli
Ayes						
Nays						
Abstentions						
Absent						

EFFECTIVE:

**City of Ilwaco**  
**Preliminary Project Cost Estimate**  
**Sahalee Subdivision Water Replacement**  
**2-May-14**

<u>Item</u>	<u>Quantity</u>		<u>Unit Cost</u>	<u>Total</u>
1 Mobilization/Demobilization	1	LS	\$ 82,000	\$ 82,000
2 Surveying, Staking and As-Built Dwgs	1	LS	\$ 15,000	\$ 15,000
3 Environmental Controls	1	LS	\$ 15,000	\$ 15,000
4 Trench Excavation Safety Systems	1	LS	\$ 3,000	\$ 3,000
5 Dewatering	1	LS	\$ 12,000	\$ 12,000
6 Temporary Bypass Pumping	0	LS	\$ 10,000	\$ -
7 Traffic Control	1	LS	\$ 15,000	\$ 15,000
8 Locate Existing Utilities	1	LS	\$ 10,000	\$ 10,000
9 Removal of Structures and Obstructions	1	LS	\$ -	\$ -
10 8" PVC (Including bedding, backfill)	0	LF	\$ 80	\$ -
11 in ROW	0	LF		
12 in easmnt	0	LF		
19 48" Precast Manhole (Basic to 8')	0	EA	\$ 3,500	\$ -
20 48" Precast Manhole (Height Over 8')	0	VF	\$ 200	\$ -
21 Connection to Existing Manhole	0	EA	\$ 2,500	\$ -
22 8" DI Water Main, Incl. Fittings,Bedding,Backfil	3,000	LF	\$ 125	\$ 375,000
23 in ROW	3,000	LF		\$ -
24 in easement		LF		\$ -
25 Additional Fittings	1,600	LB	\$ 4	\$ 6,400
26 Gate Valves	13		\$ 1,500	\$ 19,500
27 Fire Hydrants	7		\$ 3,500	\$ 24,500
28 Side Sewer Connections	0	EA	\$ 1,500	\$ -
29 3/4" Service Connection	26	EA	\$ 1,500	\$ 39,000
30 Special Excavation of Unsuitable Material	50	CY	\$ 35	\$ 1,750
31 Foundation Gravel	230	TN	\$ 20	\$ 4,600
32 Gravel Base	1,800	TN	\$ 25	\$ 45,000
33 Asphalt Treated Base	0	TN	\$ 170	\$ -
34 Asphalt Concrete Pavement	220	TN	\$ 200	\$ 44,000
35 Sawcutting	12,285	LF	\$ 3	\$ 36,855
36 Planing Bituminous Pavement	0	SY	\$ 4	\$ -
37 Hot Mix Asphalt	0	TN	\$ 100	\$ -
38 Hydroseeding	5,500	SY	\$ 3	\$ 16,500
			Subtotal	\$ 765,105
			Contingency (25%)	\$ 191,276
			Subtotal	\$ 956,381
			Sales Tax (7.8%)	\$ 74,598
			Total	\$ 1,030,979
			<b>Total Construction Cost (Rounded)</b>	<b>\$ 1,031,000</b>
			Engineering (22%)	\$226,900.00
			Project Cost	\$1,257,900.00



# Washington State Public Works Board Construction Loan Application

**FUNDS AVAILABLE ONLY UPON GOVERNOR AND  
2015 LEGISLATURE APPROVAL FOR THE 2016  
FISCAL YEAR STARTING:**

**JULY 1, 2015**

<p><b>Eligible Jurisdictions</b></p>	<ul style="list-style-type: none"> <li>▪ Counties, Cities, and Towns</li> <li>▪ Water Districts</li> <li>▪ Sewer Districts</li> <li>▪ Public Utility Districts</li> <li>▪ Other Districts (excluding Tribes, Ports, and School Districts)</li> </ul>
<p><b>Eligible Systems</b></p>	<ul style="list-style-type: none"> <li>▪ Domestic Water</li> <li>▪ Sanitary Sewer</li> <li>▪ Storm Water</li> <li>▪ Solid Waste and Recycling</li> <li>▪ Roads and Streets</li> <li>▪ Bridges</li> </ul>
<p><b>How to Apply</b></p>	<ul style="list-style-type: none"> <li>▪ <b>Hardcopy application (this Word file)</b> – submit this form, also found at <a href="http://www.pwb.wa.gov/">www.pwb.wa.gov/</a></li> </ul>

	Due Date: Postmarked or Delivered on or before	Maximum Amount per Jurisdiction per Biennium	Hardcopy Application Submittals
Construction	<p><b>May 16, 2014 6PM PST</b></p>	<p><b>\$7,000,000</b></p>	<p>Submit one signed original and a CD with the application in Microsoft Word format</p>

**Mail/Ship/Hand Deliver to:**  
Public Works Board  
1011 Plum Street South East  
PO Box 42525  
Olympia WA 98504-2525  
360.725.3153

For more information on the Public Works Board's loan programs and for the **Construction Loan Application Guidelines**, please visit the Public Works Board's website at [www.pwb.wa.gov/](http://www.pwb.wa.gov/).

# APPLICATION REQUIREMENTS/CHECKLIST

## Items that will cause the application to be rejected

<b>Questions? – Contact your Regional Service Coordinator (RSC)</b> <a href="http://www.pwb.wa.gov/public-works-board/board-staff/Pages/default.aspx" style="color: white;">http://www.pwb.wa.gov/public-works-board/board-staff/Pages/default.aspx</a>	
<input checked="" type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>No</b>	Counties, cities, and towns, must have imposed the one-quarter of one-percent REET as allowed by RCW 82.46.010(2). Full list: <a href="http://dor.wa.gov/Docs/forms/RealEstExcsTx/RealEstExTxRates.pdf">http://dor.wa.gov/Docs/forms/RealEstExcsTx/RealEstExTxRates.pdf</a>
<input type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>No</b>	For Sanitary Sewer projects that include side-sewer, applicant must adopt an ordinance or resolution declaring such activities will benefit the jurisdiction's sanitary sewer systems including a payback mechanism. <i>See page 9 of the Guidelines for full details.</i> <b>Attach copy of ordinance to application materials if applicable.</b>
<input checked="" type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>No</b>  <input checked="" type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>No</b>  <input type="checkbox"/> <b>Yes</b> <input checked="" type="checkbox"/> <b>No</b>	( <i>Sanitary Sewer and Drinking Water projects only</i> ) <b>a.</b> Was this project included on the recommended for funding 2014 Construction Loan List? <b>b.</b> If the answer to <b>a.</b> is "no," was this project submitted to either the Department of Health (Drinking Water) or the Department of Ecology (Sanitary Sewer)? <b>c.</b> Has this project been <i>fully</i> funded by either the Department of Health or the Department of Ecology? <i>Please contact your RSC if you've answered No to items a. or b.</i>
<input checked="" type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>No</b>	Has the Applicant Certification Form been read and <i>signed</i> by the appropriate authority? <b>Attach original signed document to the application materials due May 16, 2014.</b> <b>This must be signed in order for the application to be accepted for review.</b>
<input checked="" type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>No</b>	Has the applicant adopted a policy to reduce greenhouse gas emissions? <b>If NO, attach a copy of the policy with the application materials.</b> <b>Title of Policy:</b> <u>Ilwaco Resolution 2010-08 Adopting Greenhouse Gas Emissions Reduction Policy</u> <b>Adoption Date:</b> <u>8-23-2010</u> If submitted to the Public Works Board in prior years, this requirement <i>has been met</i> . Submitted in prior years? <input type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>No</b>
<input checked="" type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>No</b>	Is a copy of the resolution whereby your governing body acknowledges the need to maintain adequate revenue streams sufficient to provide funds to pay all system operating expenses and debt repayments during the term of the loan attached? <i>See page 21 for an example.</i> <b>Attach a copy of the resolution to application materials.</b> <b>ATTACH THE POLICY:</b> <input checked="" type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>No</b>

## Items/Actions to ensure a complete application

<input type="checkbox"/>	Have you read the Application Guidelines? This document contains all the necessary information to assist you in applying for a construction loan. To download the current Application Guidelines go to <a href="http://www.pwb.wa.gov">www.pwb.wa.gov</a> .
<input type="checkbox"/>	Have all questions applicable to your type of system been answered? <b>Unanswered questions receive no points.</b> Submitted information will be verified by Public Works Board staff.
<input type="checkbox"/>	Have you verified the accuracy of the Project Cost <u>sum</u> and the Project Funding <u>sum</u> ? These figures must match and accurately reflect the sum of the costs and the sum of the funding.
<input type="checkbox"/>	Is all relevant documentation (i.e., proof of other funding sources, regulatory orders, moratoriums, etc.) attached?
<input type="checkbox"/>	Have you made a copy, including all attachments, of the final, signed application package <u>for your records</u> ?

<input type="checkbox"/>	Applications and modifications (additions, removals, and substitutions) are allowed until: <b><u>6PM PST, May 16, 2014.</u></b> <b>After that time, no further changes will be accepted.</b>
--------------------------	--

# TABLE OF CONTENTS

<b>SECTION 1: GENERAL APPLICANT INFORMATION</b> .....	1
PRIMARY SYSTEM AFFECTED BY THIS PROJECT (check only one) .....	1
GENERAL APPLICANT INFORMATION .....	1
LEGISLATIVELY REQUIRED INFORMATION: .....	1
GPS COORDINATES – Project Site ( <a href="http://www.gps-coordinates.net">http://www.gps-coordinates.net</a> ).....	2
MEASURES OF FISCAL CAPACITY .....	2
RATE BASED SYSTEMS ONLY .....	3
<b>SECTION 2: PROJECT INFORMATION</b> .....	5
PROJECT DESCRIPTION .....	5
PROJECT'S SCOPE OF WORK.....	5
REQUIRED PERMITS (LOCAL, STATE, AND FEDERAL) .....	6
PROJECT SCHEDULE .....	7
PROJECT COSTS .....	7
PROJECT FUNDING .....	8
<b>SECTION 3: PROJECT NEED AND SOLUTION</b> .....	10
PROJECT CATEGORY .....	11
GENERAL PROJECT NEED QUESTIONS.....	12
SYSTEM-SPECIFIC QUESTIONS .....	14
NEED AND SOLUTION NARRATIVE STATEMENT .....	15
<b>SECTION 4: LOCAL MANAGEMENT EFFORT</b> .....	16
LOCAL MANAGEMENT EFFORT (In the last 5 years) .....	16
STEWARDSHIP OF WASHINGTON'S NATURAL RESOURCES (RCW 70.235.070) (In last 12 months) 17	
<b>APPLICANT CERTIFICATION</b> .....	18
<b>CERTIFICATION BY PREPARER OF APPLICATION</b> .....	19
<b>SAMPLE DRAFT RESOLUTION</b> .....	20

# SECTION 1: GENERAL APPLICANT INFORMATION

## Public Works Board Construction Loan Application

PRIMARY SYSTEM AFFECTED BY THIS PROJECT (check only one)

Domestic  
Water

### GENERAL APPLICANT INFORMATION

1.1	Applicant (Legal Name)	City of Ilwaco														
1.2	Federal Tax ID #	9	1	-	6	0	0	1	4	4	3					
1.3	Statewide Vendor Number and Suffix	S	W	V	0	0	1	8	0	2	6	-	0	0		
1.4	Administrative office – Street Address	120 First Avenue North														
	Mailing Address – (if different from street)	P.O. Box 548														
	City	Ilwaco														
	State	WA	Zip	9	8	6	4	2	-							
1.5	County															
1.6	Legislative District of Project Area <a href="http://app.leg.wa.gov/districtfinder/">http://app.leg.wa.gov/districtfinder/</a>	19					Congressional District of Project Area <a href="http://app.leg.wa.gov/districtfinder/">http://app.leg.wa.gov/districtfinder/</a>					3rd				
1.7	Applicant's Contact Person	Mike Cassinelli														
	Title	Mayor, City of Ilwaco														
	Mailing Address –	P.O. Box 548														
	City	Ilwaco														
	State	WA	Zip	9	8	6	4	2	-							
	Telephone	360 642-3145														
	Email	<a href="mailto:mayor@ilwaco-wa.gov">mayor@ilwaco-wa.gov</a>														
1.8	Project Title	Sahalee Water System Improvements														
1.9	Loan Request	\$1,257,900														
1.10	Total Project Cost	\$1,257,900														

### LEGISLATIVELY REQUIRED INFORMATION:

1.11	<p>Does applicant jurisdiction (<b>cities</b> and <b>counties</b> only) have guidelines to process development permit requests? AND Does applicant jurisdiction abide by the guidelines set for processing permits? The guidelines should include:</p> <ul style="list-style-type: none"> <li>• The length of time between permit application submission and permit decision</li> <li>• The information necessary to make a complete permit application</li> <li>• A written explanation for denying a permit application, if applicable</li> </ul> <p>Review section 1(2), Chapter 231, 2007 Laws of 2007 See page 960 of the PDF (or page 952 of paper document): <a href="http://www.leg.wa.gov/CodeReviser/documents/sessionlaw/2007pam1.pdf">http://www.leg.wa.gov/CodeReviser/documents/sessionlaw/2007pam1.pdf</a></p>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
------	---	---	-----------------------------	------------------------------

GPS COORDINATES – Project Site (<http://www.gps-coordinates.net>)

1.12	Latitude (decimal degrees):			<u>46.3044576</u>	Longitude (decimal degrees):			-124.0382299	
N	<input checked="" type="checkbox"/>	Degrees:	Minutes:	Seconds:	N	<input type="checkbox"/>	Degrees:	Minutes:	Seconds:
S	<input type="checkbox"/>	<u>46</u> °	<u>18</u> ’	<u>16.0482</u> “	S	<input type="checkbox"/>	<u>-124</u> °	<u>2</u> ’	<u>17.6244</u> “

**MEASURES OF FISCAL CAPACITY**

The next series of questions is intended to establish the level of the applicant's fiscal capacity to incur debt.

1.13	Has the applicant experienced severe fiscal distress resulting from a natural disaster (e.g., Governor declared emergency) or emergency public works need in the past 12 months? If Yes, describe below.		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
	<i>(Not a scored question, but the Board may take this into consideration during deliberation of the construction loan list as a balancing factor.)</i>			
	The event(s):			
	When occurred:			
Fiscal distress caused:				

**RATE BASED SYSTEMS ONLY**

THE RESPONSE MUST ADDRESS THE PRIMARY SYSTEM IDENTIFIED AT THE TOP OF THE APPLICATION. This information will assist the Board in evaluating the applicant system's financial capacity to incur debt. Please use system specific financial data to complete this section.

The data will be used to calculate the ratio of debt, cash, and capital per capita. (Max 4 points)

1.14	Number of people in jurisdiction: 936	Number of people served by the system in 2013: 1,045 (48 out-of-City x 2.27/connection)	Percentage of people in the system affected by this project: 8.5% directly affected in the Sahalee neighborhood, 100% indirectly affected due to water loss & rate increases.
	Total operating revenue for the system in 2013. (2011 Water System Plan estimates)		\$681,692
	Total operating expenses for the system in 2013.		\$462,908
	Total outstanding debt for the system in 2013.		\$1,165,283
	Cash and cash equivalents (deposits and all cash investments including restricted assets) for the system in 2013.		\$115,429
	Value of land and capital assets, net of depreciation (construction in progress, building, machinery and equipment, infrastructure, and other improvements) for the system in 2013. (For those using Asset Management, not depreciation, enter annual value.)		Estimated at approx. \$11.5 million

THE RESPONSE MUST ADDRESS THE PRIMARY SYSTEM IDENTIFIED AT THE TOP OF THE APPLICATION. This information will assist the Board in evaluating the applicant system's source of revenue. The data will be used to calculate the percent of monthly household income dedicated to utility services. (Max 10 points)

1.15	Number of Equivalent Residential Units (ERUs) in system.	1,768 ERUs (2010).		
	List the average monthly rate per ERU assuming 1,000 cubic feet (also known as 10 CCF or 7,480 gallons) <b>Note: 2009 – 2012 include meter base charge plus 500 cf and commodity charge/100 cf/m</b> <b>*Rate formula changed in 2013 to base rate of \$25.90 + \$3.85/100 cubic feet/month.</b>	Year	Rate	
		2009	39.03	
		2010	40.20	
		2011	54.20	
		2012	61.90	
	2013*	64.40		
1.16	Describe short- and long-term fiscal management strategies, which the applicant jurisdiction uses to maximize its ability to finance the system described in this application.			
	<p><i>If there have been no increases in the rates over the last five (5) years, explain how the fiscal management strategies make it possible for the system to maintain service without increased revenues. (Max 1 point)</i></p> <p>The City of Ilwaco reviews water rates annually to ensure adequate revenue is collected to cover increasing costs of system operation and maintenance and planned capital improvements. On an annual basis the city reviews the future costs of asset replacement along with debt service and forecasts a five year budget to ensure available funding of the system. The City has successfully applied to the Department of Health, USDA Rural Development Administration and the Public Works Board for grants and low-interest loans to minimize rate increases associated with needed system improvements.</p>			
1.17	What will be the <i>estimated</i> average residential customer's monthly rate upon project completion?	Approx. \$64.90		



## SECTION 2: PROJECT INFORMATION

### PROJECT DESCRIPTION

**2.1** In 150 words or less, please describe the project to be completed. (Not scored)

Approximately 2,600 lf of the original 1970s vintage asbestos cement (AC) water pipe in the Sahalee Subdivision is still in use. The AC pipe is nearing the end of its useful life as evidenced by the recent water line breaks and leaks in the system. The AC pipes will be replaced with new 8-inch DI or PVC pipes and associated fire hydrants and gate valves. The water lines will be designed per City and DOH standards. Pavement and landscape restoration will be included in the project scope. In addition, approximately 400 lf of 8-inch water main and a PRV station will be installed from the existing water main dead end in Klahanee Drive to the dead-end water main in Robert Gray Drive to improve pressure and fire flow for customers on Robert Gray Drive.

### PROJECT'S SCOPE OF WORK

**2.2** Describe in detail all the activities required to complete this project.

This should include only the contract deliverables, e.g., number of feet and size of pipe to be laid, etc.

The activities listed here will be incorporated into the loan contract should this project be selected for funding.

Do not use this section to explain the problem.

**The activities listed here must correspond with the 1) project schedule, 2) project costs, and 3) project funding.** (Maximum of 4,000 characters including letters, spaces, and punctuation –

1 page with 1 inch margins and 61 lines is approximately 4,000 characters. SEE GUIDELINES)

(Not scored. Used as reference material in conjunction with schedule, costs, funding, and permitting.)

The Sahalee Subdivision was located in unincorporated Pacific County when it was constructed in the early 1970s by the Baker Bay Development Company. The City took ownership of the infrastructure in the subdivision when the development was annexed into the City in the 1970s. The water distribution infrastructure was installed by the developer. The water system has exceeded its useful life and the impact of the antiquated system affects all rate payers in Ilwaco due to the cost of lost water from leaking mains, city crew time and material costs to repair leaks in the water main, and the potential for system failures.

Approximately 2,600 lf of the original 6-inch asbestos cement (AC) water main in the Sahalee Subdivision is remaining. The remaining original pipe is located on Hiaqua Place (approximately 600 lf), Nesadi Drive (approximately 1,250 lf), Wecoma Place (approximately 600 lf) and from the intersection of Klahanee Drive and Hiaqua Place to Reservoir Road (approximately 130 lf). The water pipe located south of the abandoned reservoir on Tum-Tum Place and Klahanee Drive to approximately the intersection of Ilahee Place was replaced in the early 2000's with 8-inch PVC and the waterline from Hiaqua Place to the abandoned Sahalee Reservoir was replaced with 8-inch PVC in 2011.

The AC pipe is over 30 years old, and as evidenced by the leaking pipe recently repaired on Hiaqua Place, is nearing the end of its useful life. **This project would replace approximately 2,600 lf of leaking water mains with new 8-inch ductile iron (DI) or polyvinyl chloride (PVC) water mains and associated fire hydrants and gate valves. The water lines will be designed per City and Department of Health standards. Pavement and landscaping restoration would also be included in the project scope.**

**In addition, approximately 400 lf of 8-inch DI or PVC water main will be installed from the existing dead-end of the water main in Klahanee Drive to the dead-end water main in Robert Gray Drive to create a system loop, which will improve water quality, pressure and system reliability. The connection will include a pressure reducing valve (PRV) that will separate the Discovery Heights and City Center Zones and will open during low pressures on Robert Gray Drive.** This project will assure that sufficient flow and pressure are available to meet fire flow requirements along Robert Gray Drive which is currently served by a dead- end water main.

The project is included in the City's 2011 Water System Plan.

**REQUIRED PERMITS (LOCAL, STATE, AND FEDERAL)**

**2.3** List permits required for the proposed project and indicate status of each permit (e.g., applied for, pending, issued, etc.) If no permits are required, explain why not. Needs to correspond with Question 4.1 Readiness-to-Proceed. Attach additional pages if more than five (5) permits are needed for the project. For assistance with permitting requirements, contact the Office of Regulatory Assistance or go to <http://www.ora.wa.gov>. (This section is not scored, but will be cross-referenced with Readiness-to-Proceed section and may impact scoring associated with Readiness-to-Proceed.)

Permit	Expected Date Submitted	Expected Date Issued or Received	Status
1. City of Ilwaco ROW permit	6-2015	7-2015	preliminary
2. State Environmental Review Process (SERP)	5-2014	6-2014	Completed for DWSRF application Minor updates needed for PWTF app.
3. Gov. E.O. 05-05	5-2014	6-2014	Completed for DWSRF application Minor updates needed for PWTF app
4.			
5.			
If no permits are required, please explain why not.	<b>Work will be completed in existing City rights-of-way.</b>		

## PROJECT SCHEDULE

**2.4** Indicate the month and year when the activities were or will be completed. Schedule should clearly correspond to Question 4.1 Readiness-to-Proceed in the Local Management Effort section.  
(Project Schedule is not scored, but will be cross-referenced with Readiness-to-Proceed and may impact scoring associated with Readiness-to-Proceed.)

Activity	Current Status	% Complete	Completion Date (Mo/Yr)
Engineering Report – Survey complete	Preliminary	6%	8-2015
Cultural and Historical Resources Review (Section 106 or Executive Order 05-05) <sup>1</sup>	Complete	90%	6-2014
Environmental Review	Complete	90%	6-2014
Land/Right-of-Way Acquisition	NA		
Permits		0	1-2016
Public Involvement/Information		0	12-2016
Bid Documents		0	1-2016
Award Construction Contract		0	2-2016
Construction Start		0	3-2016
Construction Complete		0	12-2016
Project in Use		0	11-2016
Investment Grade Efficiency Audit (if applicable):	NA	0	
Other:			
Other:			

## PROJECT COSTS

**2.5** The Total Estimated Project Cost must equal the Total Project Funding in Question 2.6.  
The Project Costs table will become a part of the loan contract, should this project be approved for funding.  
(This section is not scored, but will be cross-referenced with the Readiness-to-Proceed section and may impact scoring associated with Readiness-to-Proceed.)

Cost Category	Amount
Engineering Report	\$10,000
Cultural and Historical Resources Review (Section 106 or Executive Order 05-05) <sup>1</sup>	\$1,500
Environmental Review	\$2,000
Land/Right-of-Way Acquisition	\$0
Permits	\$1,500
Public Involvement/Information	\$5,000
Bid Documents	\$93,450
Construction,	\$921,925
Other Fees (Sales or Use Taxes)	\$75,600
Contingency (3.6%)	\$33,475
Investment Grade Efficiency Audit (if applicable): NA	\$
Other: <b>Construction Management/Inspection</b>	\$102,100
Other: <b>Survey: Construction Staking</b>	\$11,350
<b>TOTAL ESTIMATED PROJECT COST</b>	<b>\$1,257,900</b>

<sup>1</sup> The EO 05-05 requires recipients of state funds to consult with interested parties (i.e., Department of Archaeology and Historic Preservation, and Tribes) prior to starting project construction. For Construction loans, this consultation should take place as early as possible, in order to avoid delays in starting the project construction. If you have questions regarding this process, please contact Heather Youckton at (360) 725-2744 or email her at Heather.Youckton@commerce.wa.gov.

**PROJECT FUNDING**

**2.6 The Total Project Funding must equal the Total Estimated Project Cost in Question 2.5.**

Please state the status of the project's funding sources as follows:

- Funds are **Planned** for if they are found in a formally adopted Capital Facilities Plan.
- Funds are **Applied** for if a formal application has been submitted to a funding source, and the funding source considers that application or funding request as having been submitted (attach notification from funder that application has been received).
- Funds are considered **Awarded** if a formal notice of approval for the funds is in place from the funding source (attach letter from funder or contract number). Local revenue must be in an approved budget to be considered in-hand.

(This section is not scored but will be checked for accuracy and cross-referenced with the Readiness-to-Proceed section.)

Type of Funding	Identify Source <sup>2</sup>	Amount	Status (Planned, Applied, Awarded, etc.)	Contract/Reference Number
<b>Grants (State/Federal Agency or Organization) – Non Match</b>				
Grant #1		\$		
Grant #2		\$		
Grant #3		\$		
<b>Total Grants</b>		\$		
<b>Prior Pre-Construction Loans from the Public Works Board – Non Match</b>				
Non-Match Loan #1		\$		
Non-Match Loan #2		\$		
<b>Total Prior Pre-Construction Loans</b>		\$		
<b>Loans (State, Federal, Private Agency or Organization)</b>				
This Construction Loan Request	Public Works Board	\$1,257,900	Proposed	
Other Loan #1		\$		
Other Loan #2		\$		
<b>Total Loans</b>		\$1,257,900		
<b>Local Revenue (Rates, General Fund, Levies, Reserves, Assessments, ULID, LID, etc.)</b>				
Local Revenue #1		\$		
Local Revenue #2		\$		
Local Revenue #3		\$		
<b>Total Local Revenue</b>		\$		
<b>Other Funds</b>				
Other Funds #1		\$		
Other Funds #2		\$		
<b>Total Other Funds</b>		\$		
<b>TOTAL PROJECT FUNDING</b>		<b>\$1,257,900</b>		

<sup>2</sup> If federal funds are included in the project-funding package, the project is subject to the federal Section 106 Cultural Historic Requirements. If you have questions regarding this process, please contact Heather Youckton at (360) 725-2744 or email her at Heather.Youckton@commerce.wa.gov.

2.7	Are there any constraints on the identified funding sources in Question 2.6 Project Funding? If yes, please explain. (Not scored)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No				
<b>PWTF Loan not yet awarded.</b>							
2.8	Indicate with a Y/N below which of the following financing options have been attempted for this project and provide dates of those attempts.  Please describe whether the attempt was successful, and if not, why not. If an option has not been attempted, please explain why. (Not scored)						
<b>Bond issuance</b>		<b>Local improvement district</b>		<b>Applications for federal or state funding</b>		<b>Applications for private funding</b>	
Attempted?	<u>No</u>	Attempted?	<u>No</u>	Attempted?	<u>Yes</u>	Attempted?	<u>No</u>
Date(s) of attempts:		Date(s) of attempts:		Date(s) of attempts:		Date(s) of attempts:	
				<b>USDA Rural Development, 2012 PWTF and DWSRF Fall 2013</b>			
Successful?	<u>Y / N</u>	Successful?	<u>Y / N</u>	Successful?	<u>No</u>	Successful?	<u>Y / N</u>
If not attempted, why was this option not feasible?		If not attempted, why was this option not feasible?		If not attempted, why was this option not feasible?		If not attempted, why was this option not feasible?	
<b>The general obligation debt and sewer utility debt that the city is currently paying would result in issuance of a bond at a cost which would be a challenge for the city.</b>		<b>Involves an improvement that would benefit the entire utility.</b>		<b>Terms for USDA Rural Development Funding were not acceptable. PWTF funding cancelled and did not make final DWSRF 2013 funding list.</b>		<b>Bank rates and fees are significantly higher than PWTF Loans.</b>	

## SECTION 3: PROJECT NEED AND SOLUTION

This section includes a series of questions related to the need for the project and the proposed solution to the problem. Have thorough and complete responses. Attach any verifying information if necessary to clarify the degree of the problem (i.e., regulatory orders, negotiated letters of agreement, etc.).

This is the applicant's opportunity to state the problem and its impact on the community. The information below states the Program's priorities, which are used to recommend projects for funding.

- The program priority in which the project falls,
- Need assessment,
- How well the situation is documented, and
- How well the proposed solution addresses the problem.

<b>Program Priorities:</b>	1. Public health and safety
	2. Environmental health
	3. Economic Development/ Smart Growth

<b>Assessing Need:</b>	<b>SEVERE SITUATION</b> – or – <b>CHANCE OPPORTUNITY</b>	<ul style="list-style-type: none"> <li>• Project is to fix systems that have failed, are in imminent danger of failing, and/or are currently out of regulatory compliance (under an active regulatory order).</li> <li>• An economic opportunity has presented itself provided that the local government improves infrastructure to take advantage of the opportunity.</li> </ul>
	<b>MODERATE</b>	<ul style="list-style-type: none"> <li>• The project is being done to meet emerging regulatory requirements and/or the project is being done to bring a non-compliant (but not under regulatory order) system up to existing standards.</li> <li>• Local government is improving the local business climate for future business expansion.</li> </ul>
	<b>POTENTIAL/ PREVENTATIVE</b>	<ul style="list-style-type: none"> <li>• Project is necessary for the repair or replacement (end of lifecycle).</li> <li>• Project is being done to enable potential opportunities for growth and/or economic development and/or smart growth principles.</li> </ul>

<b>Supporting Documentation:</b>	<b>SEVERE SITUATION</b> – or – <b>CHANCE OPPORTUNITY</b>	<ul style="list-style-type: none"> <li>• Court orders</li> <li>• Official regulatory orders</li> <li>• Negotiated agreement with an external agency</li> <li>• A letter of commitment/intent from a business</li> </ul>
	<b>MODERATE</b>	<ul style="list-style-type: none"> <li>• External agency is driving the project/timeline</li> <li>• Project specific formal studies and/or reports (either from an internal or external source)</li> <li>• A letter of interest from a business</li> </ul>
	<b>POTENTIAL/ PREVENTATIVE</b>	<ul style="list-style-type: none"> <li>• Internal monitoring</li> <li>• Awareness of a problem</li> </ul>

<b>Proposed Solution:</b>	<b>SEVERE SITUATION</b> – or – <b>CHANCE OPPORTUNITY</b>	<ul style="list-style-type: none"> <li>• Solution clearly solves the problem</li> <li>• Solution clearly maximizes the opportunity</li> </ul>
	<b>MODERATE</b>	<ul style="list-style-type: none"> <li>• Solution does not solve the entire problem or fully leverage the opportunity</li> </ul>
	<b>POTENTIAL/ PREVENTATIVE</b>	<ul style="list-style-type: none"> <li>• Solution does not directly address the problem or take advantage of the opportunity</li> </ul>

**PROJECT CATEGORY**

**3.1** For the applicant's primary system, as selected at the top of this application, identify the sub-category that is most affected by the proposed project. **Check only one.**  
 (Max 8 points; the Board may take this into consideration during deliberation of the construction loan list as a balancing factor.)

	8 points	6 points	4 points	2 points	1 point	1 point	1 point	1 point
<b>Domestic Water</b>	<input type="checkbox"/> Treatment	<input type="checkbox"/> Primary Supply or Source	<input type="checkbox"/> Secondary Supply or Source	<input type="checkbox"/> Storage or Reservoir	<input type="checkbox"/> Transmission	<input checked="" type="checkbox"/> Distribution	<input type="checkbox"/> Telemetry or Equipment	<input type="checkbox"/> Conservation or Other

## GENERAL PROJECT NEED QUESTIONS

The answers to Questions 3.2 through 3.7 must relate to the primary system as identified at the top of the application. Be thorough and complete when responding.

(Max 52 points; scoring will be derived from the responses to Questions 3.2-3.28)

3.2	How old are the components being corrected by the project?	What are the component materials and what are they made of?	What is the condition of the system components, which are being corrected by the project?
	<i>Example: 40 years old</i>	<i>Example: asbestos cement pipes</i>	<i>Example: Deteriorating: they crumble when flushed for routine maintenance.</i>
	Project area water mains are over 40 years-old	Asbestos cement water main	The existing AC pipes are leaking and nearing end of useful lives.
3.3	<p>What are the impacts the existing situation has, or will have, on the system's operation and expenses, if this project is not completed?</p> <p>If the aging AC water mains are not replaced the City will need to budget for increased operation and maintenance expenses to locate and repair leaks and breaks. The City will incur additional costs to treat the non-revenue generating water that is lost through leaks and breaks. The Sahalee subdivision is located in an area of steep terrain with areas of marginally stable soils. The continued use of aging AC pipe sections in the project area may contribute to soil saturation resulting in slope movement or catastrophic slope failure due to leaking or water main breaks. Catastrophic failure of AC lines in the project area would cut off water service to residents. The City would be required to provide mobile water service to residents until the system is repaired. The cost of slope repair could be excessive.</p>		
3.4	<p>What are the impacts the existing situation has, or will have, on the environment and/or endangered species, if this project is not completed?</p> <p>Leaking pipes in the Sahalee project area require the City of Ilwaco to treat additional surface water from the Indian Creek Reservoir which depletes in-stream flow that provides habitat for ESA-listed salmonid species in Indian Creek and Bear River. Water main breaks in the Sahalee Subdivision may result in erosion of soil and slope movement which could contribute sediment to the Baker Bay estuary which is located downhill of the Sahalee Subdivision. Additionally, land movement may result in sewer line breaks which may cause the discharge of raw sewage to the ground or Baker Bay. Replacement of the failing AC pipes with water-tight PVC or DI pipes would significantly reduce the potential for catastrophic failures in the system and associated damage to steep slopes, roadways and city and private properties in the Sahalee neighborhood.</p>		
3.5	<p>Is this project being done in partnership with any other organizations/agencies? If Yes, please identify the partner(s) and describe the roles of each partner. See Guidelines for details. (The Board may take this into consideration during deliberation of the construction loan list as a balancing factor.)</p>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
3.6	<p>Is this project being done to comply with emerging/maintaining/anticipating regulatory requirements or economic opportunities? If yes, please describe.</p> <p>The City of Ilwaco currently experiences approximately 30% or more distribution system leakage (DSL) or unaccounted for water loss. DOH requires water systems to have 10% or less DSL. The proposed system improvements will eliminate leakage in the Sahalee area system and decrease the amount of DSL in the system. Per WAC 246-290-230 if fire flow is provided the distribution system must be able to provide the required fire flow at a pressure of at least 20 psi. The 2011 Water System Plan identified that fire flow of 500 gpm is not able to be provided at Robert Gray Drive near Klahanee Drive. Installation of the 400 lf of 8-inch water main and PRV necessary to loop the Sahalee system with the Robert Gray Drive system will improve fire flow and water pressure along Robert Gray Drive.</p>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
3.7	<p>Have any other measures/activities been undertaken to address the problem/situation/opportunity? If Yes, please describe. If No, explain why not?</p>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

Leaking water mains in adjacent areas of the Sahalee neighborhood have been repaired and replaced with modern materials in recent years; e.g. the water pipe located south of the abandoned Sahalee Reservoir on Tum-Tum Place and Klahanee Drive to approximately the intersection of Ilahee Place was replaced in the early 2000's with 8-inch PVC and the waterline from Hiaqua Place to the abandoned reservoir was replaced with 8-inch PVC in 2011. The Sahalee neighborhood was connected to City's Discovery Heights Water System at this time.

The City has submitted funding applications to USDA Rural Development, PWTF and DWSRF in recent years in an effort to secure funding for this project. The City has secured funding to replace the sanitary sewers in the Sahalee neighborhood through PWTF and Ecology SRF programs. In the majority of the system the water and sewer lines follow similar alignments and if funding to replace the water main is secured the projects can proceed simultaneously which would provide construction cost savings.

**SYSTEM-SPECIFIC QUESTIONS**

Domestic Water Projects ONLY (in the last five years)						
3.8	What is the current status of the applicant's operating permit? <a href="http://www.doh.wa.gov/ehp/dw/sentry.htm">http://www.doh.wa.gov/ehp/dw/sentry.htm</a>	Red	Yellow	Blue	Green	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3.9	Does the applicant have sufficient water rights for the project? If no, explain the status of the situation including a time when the water rights will be acquired.  Replacing failing water mains will reduce water leakage and extend the life of the City's existing water rights.	<input checked="" type="checkbox"/> Yes		<input type="checkbox"/> No		
3.10	Is the applicant taking over a failing water system?	<input type="checkbox"/> Yes		<input checked="" type="checkbox"/> No		
		Identify system:		Date taken over:		<input type="checkbox"/> N/A
3.11	Has the system had any boil water orders? If yes, indicate when, for how long, and how (or if) the issue was corrected.	<input type="checkbox"/> Yes		<input checked="" type="checkbox"/> No		
		Date(s):		Duration(s):		
3.12	Have there been any connection moratoriums? If yes, indicate when, for how long, and how (or if) the moratorium was lifted.	<input type="checkbox"/> Yes		<input checked="" type="checkbox"/> No		
		Date(s):		Duration(s):		
3.13	Has there been more than 10% unaccounted-for water loss? If yes, please describe the current situation including whether or not the water loss has been stopped or decreased.  Currently the City's DSL or unaccounted for water loss is approximately 30% or more. The City continues to conduct leak detection and repair of leaking pipes in an effort to reduce DSL. Other DSL detection and elimination steps the City has taken include: 1) the City has recently installed a flow meter on the discharge line from the Indian Creek Reservoir in order to have an accurate determination of the amount of water sent to the distribution system, 2) the City has replaced the residential water meters with radio-read meters, 3) the City will replace the water meters in the Water Treatment Plant and 4) the City's billing department monitors customers' water bills for abnormally high water use and notifies the customer of a potential leak on their side of the water meter on a monthly basis.	<input checked="" type="checkbox"/> Yes		<input type="checkbox"/> No		
3.14	Does the system have a bilateral compliance order from Dept of Health?	<input type="checkbox"/> Yes		<input checked="" type="checkbox"/> No		

## NEED AND SOLUTION NARRATIVE STATEMENT

**3.29** Please include a Problem-Solution-Result narrative about the problem being solved. This is the applicant's opportunity to state the problem or possibility, its impact on the community, and the benefits to be achieved through this project. Attach relevant documents (i.e., regulatory orders, negotiated letter of agreements, resolutions, moratoriums, etc.) to clarify the degree of the problem or opportunity. The project need will be evaluated on:

- Clarity of the need, including whether it is substantiated by data and documentation
- A comparison of the relative hardship or possibility and the frequency of the identified need
- The level of urgency required to address the need.

Please use a maximum of 4,000 characters in each response box: Problem, Solution, and Result (including letters, spaces, and punctuation). 1 page with 1-inch margins and 61 lines is approximately 4,000 characters. SEE GUIDELINES

**Problem/Opportunity:** Please describe the problem, or opportunity, facing the community.

Aging water mains in the Sahalee neighborhood have reached the end of their useful lives. The water mains leak significantly and are subject to breakage. The dead-end water system in Robert Gray Drive results in lower quality water and low water pressure and inadequate fire flows along for the residences and tourist lodging connections along Robert Gray Drive. Aging pipes in the project area present the potential for catastrophic failure, which would cut off water service to residents, cause significant erosion and damage to hillsides, roadways, homes and other private and city property.

**Solution:** Please describe the solution proposed to address the **Problem** or develop the **Opportunity**.

This project would replace approximately 2,600 lf of leaking water mains with new 8-inch ductile iron (DI) or polyvinyl chloride (PVC) water mains and associated fire hydrants and gate valves. The water lines will be designed per City and Department of Health standards. Pavement and landscaping restoration would also be included in the project scope.

In addition, approximately 400 lf of 8-inch DI or PVC water main will be installed from the existing dead-end of the water main in Klahanee Drive to the dead-end water main in Robert Gray Drive to create a system loop, which will improve water quality, pressure and system reliability. The connection will include a pressure reducing valve (PRV) that will separate the Discovery Heights and City Center Zones and will open during low pressures on Robert Gray Drive. .

**Result:** Please describe the results or benefits anticipated with the proposed **Solution**.

This project will 1) eliminate leaking AC pipe in the Sahalee neighborhood, 2) contribute to a decrease in the DSL experienced by the City, 3) reduce system operation and maintenance costs, 4) minimize the potential for land movement in the Sahalee neighborhood caused by soil saturation from water main leaks and 5) provide a loop to improve flow, reliability and water quality along Robert Gray Drive.

## SECTION 4: LOCAL MANAGEMENT EFFORT

Local Management Effort responses are system specific and should be based on the primary system identified at the top of the application.

### READINESS-TO-PROCEED

4.1	All responses are based on "at the time of application." If the applicant is not required to do a particular task, list N/A in "% completed at time of application" box <u>and</u> explain why the task is not required. In order to receive points for a task marked "N/A," an explanation must be included in the box below.	% completed at time of application (or N/A)
	Applicant certifies that the status of engineering and design is complete (Max 4 points) Name and license number of certified engineer <u>assigned</u> to the project: Name: City of Ilwaco: Nancy Lockett PE, Gray & Osborne, Inc. <b>Survey complete.</b> License #: 29664	6%
	Applicant certifies that all applicable permits are in hand (Max 3 points)	0%
	Applicant certifies that bid documents are ready (Max 4 points)	0%
	Applicant certifies that right-of-way/easement for project is acquired (Max 4 points) <b>Not required, all work in City of Ilwaco ROW</b>	N/A
	Applicant certifies that cultural and historic consultation and environmental reviews are complete. <b>SERP documentation and Cultural Resources Report were completed for DWSRF application. Available for immediate submittal to P WTF.</b> (Max 4 points) <i>If claiming 100% completion, attach verification that consultation with both Department of Archaeological and Historic Preservation (DAHP) and concerned tribe(s) has been complete.</i>	90%
If "N/A" is listed for any of the above tasks explain why the activity is not required.	Not required, as all construction will occur within City of Ilwaco ROW.	

### LOCAL MANAGEMENT EFFORT (In the last 5 years)

4.2	<ul style="list-style-type: none"> <li>What is the applicant's process for establishing the project system's maintenance schedule?</li> <li>How frequently is the system's maintenance schedule reviewed and updated?</li> </ul>
	Give two specific examples of maintenance or operations activities performed on this system. If unable to give two examples from the prior five years, please explain why not. (Max 1 point)
	Water Treatment Plant and water distribution system staff identify and budget maintenance activities annually prior to the development of the budget for the upcoming year. The City of Ilwaco updates their water system plan every 6 years. The most recent update was completed in 2011. A preventive maintenance schedule for major system components is contained in the Water System Plan.
	Maintenance/ Operations Activity Example 1: Distribution system flushing and valve exercise – every six months.
	Maintenance/ Operations Activity Example 2: Reservoir cleaning and inspection as per schedule.

4.3	List two distinct and separate capital improvements, other than <u>this</u> project, made to the system.
	If unable to give two examples from the prior five years, please explain why not. (Max 1 point)
	Capital Improvements Example 1: Replacement of the City Center 260,000 wood reservoir with a 500,000-gallon fused glass steel reservoir in 2013.
	Capital Improvements Example 2: Installation of piping and valves to allow connection of the Sahalee neighborhood to the City's Discovery Heights pressure zone in 2011-2012 to improve water pressure.

4.4	<ul style="list-style-type: none"> <li>Describe the planning and public involvement activities performed that identify and/or prioritize local public works maintenance and capital needs for the applicant system.</li> <li>Give two specific examples of planning activities performed on this system in the last five years. If unable to do so, please explain why not. <b>(Max 1 point)</b></li> </ul>			
	The City of Ilwaco holds monthly staff meetings, which are open to the public, to discuss issues associated with operation and maintenance of their water system, including needed repairs & upgrades that are incorporated into their Water System Plan, which was most recently updated in 2011.			
	<table border="1"> <tr> <td>Planning Activity Example 1:</td> <td>The City of Ilwaco updated their Water System Plan in 2011 and continuously collects information regarding water usage and treatment and distribution system condition and maintenance needs.</td> </tr> <tr> <td>Planning Activity Example 2:</td> <td>The City holds Water System Group Meetings, approximately quarterly, with the Department of Health to discuss water system capital projects, planning, DSL and operator issues. Members of the public routinely attend the meetings. The meetings are facilitated by the Department of Commerce (Cathi Read).</td> </tr> </table>	Planning Activity Example 1:	The City of Ilwaco updated their Water System Plan in 2011 and continuously collects information regarding water usage and treatment and distribution system condition and maintenance needs.	Planning Activity Example 2:
Planning Activity Example 1:	The City of Ilwaco updated their Water System Plan in 2011 and continuously collects information regarding water usage and treatment and distribution system condition and maintenance needs.			
Planning Activity Example 2:	The City holds Water System Group Meetings, approximately quarterly, with the Department of Health to discuss water system capital projects, planning, DSL and operator issues. Members of the public routinely attend the meetings. The meetings are facilitated by the Department of Commerce (Cathi Read).			

**STEWARDSHIP OF WASHINGTON'S NATURAL RESOURCES (RCW 70.235.070) (In last 12 months)**

4.5	<p>During the last 12 month period, what activities have been done on the:</p> <ol style="list-style-type: none"> <li>Jurisdiction level to conserve Washington's natural resources?</li> <li>System level to conserve Washington's natural resources?</li> </ol> <p>If nothing has been done, please explain why not. SEE GUIDELINES FOR EXAMPLES <b>(Max 3 points)</b></p> <p>What aspect of this project will result in the conservation of Washington's natural resources? (e.g., metering the system; reusing methane gas for energy creation; planting trees to offset carbon emissions, etc.)</p>						
	Eliminating leaking water mains will conserve water and reduce the risk of erosion and slope failures/ landslides and associated damage to vegetation, roadways and private and city property in the Sahalee neighborhood. Installation of the loop and PRV will improve water quality and fire flow along Robert Gray Drive, which will help to protect infrastructure and natural resources in the area in the event of fire.						
	<table border="1"> <tr> <td>Jurisdiction level conservation activity Example 1:</td> <td>Water conservation materials published by DOH and Ecology are made available to the public at City Hall.</td> </tr> <tr> <td>System level conservation activity Example 2:</td> <td>The City is replacing all residential water meters with new radio read meters which will be able to be read automatically by City staff. The meters indicate when the water discharged through the meter exceeds the capacity of the meter allowing staff to pinpoint and contact customers regarding excessive water use or leakage on the customer side of the meter.</td> </tr> <tr> <td>Project level conservation activity Example 3:</td> <td>Reduction of leaking pipes in the Sahlaee area will contribute to a reduction in the DSL experienced in the Sahalee area. Decreased DSL will reduce the amount of electricity used to pump water to the Discovery Heights zone that is lost as leakage.</td> </tr> </table>	Jurisdiction level conservation activity Example 1:	Water conservation materials published by DOH and Ecology are made available to the public at City Hall.	System level conservation activity Example 2:	The City is replacing all residential water meters with new radio read meters which will be able to be read automatically by City staff. The meters indicate when the water discharged through the meter exceeds the capacity of the meter allowing staff to pinpoint and contact customers regarding excessive water use or leakage on the customer side of the meter.	Project level conservation activity Example 3:	Reduction of leaking pipes in the Sahlaee area will contribute to a reduction in the DSL experienced in the Sahalee area. Decreased DSL will reduce the amount of electricity used to pump water to the Discovery Heights zone that is lost as leakage.
	Jurisdiction level conservation activity Example 1:	Water conservation materials published by DOH and Ecology are made available to the public at City Hall.					
	System level conservation activity Example 2:	The City is replacing all residential water meters with new radio read meters which will be able to be read automatically by City staff. The meters indicate when the water discharged through the meter exceeds the capacity of the meter allowing staff to pinpoint and contact customers regarding excessive water use or leakage on the customer side of the meter.					
Project level conservation activity Example 3:	Reduction of leaking pipes in the Sahlaee area will contribute to a reduction in the DSL experienced in the Sahalee area. Decreased DSL will reduce the amount of electricity used to pump water to the Discovery Heights zone that is lost as leakage.						
<p><b>NOTE!</b> In order to receive the point for the Project level conservation activity, applicant must be willing to have that response included in the 2016 Construction Loan Contract as a contractually obligated requirement. See guidelines for details.</p>							
<p>Do you agree to this requirement:                      <input checked="" type="checkbox"/> Yes                      <input type="checkbox"/> No</p>							

# APPLICANT CERTIFICATION

WHEREAS, **City of Ilwaco, Washington** (name of local government) is applying to the Washington State Public Works Board Construction Loan program for a loan for an eligible project; and

WHEREAS, RCW 43.155.070 requires that applicants planning under RCW 36.70A.040 must have adopted comprehensive plans in conformance with the requirements of chapter 36.70A RCW, and must have adopted development regulations in conformance with the requirements of chapter 36.70A RCW; and

WHEREAS, RCW 70.95 requires a comprehensive Solid Waste Management plan be adopted by the city or county; and

WHEREAS, RCW 43.155.070(10) requires that solid waste or recycling facility is consistent with and necessary to implement the comprehensive solid waste management plan adopted by the city or county under chapter 70.95 RCW.

WHEREAS, the applicant certifies that it has a currently adopted plan for each and every one of the systems it owns and operates and that these plans fully conform to the specifics within this application; and

WHEREAS, RCW 43.155.070 requires that county and city applicants must have adopted the local optional one-quarter of one percent Real Estate Excise Tax, as described in Chapter 82.46 RCW; and

WHEREAS, the applicant states that their Capital Facility Plan is consistent with the Comprehensive Land Use Plan of the jurisdiction in which they provide service; and

WHEREAS, the local governing body has approved submission of this application for a Public Works Board Construction Fund loan; and

WHEREAS the applicant certifies that if they have permitting authority (Counties and Cities) that they have developed and are adhering to guidelines regarding their permitting process for those applying for development permits consistent with section 1(2) of Chapter 31, 2007 laws.

WHEREAS the applicant certifies that it has adopted, and that this project adheres to policies to reduce greenhouse gas emissions in accordance with RCW 70.235.070.

WHEREAS the applicant certifies that, there is currently no litigation in existence seeking to enjoin the commencement or completion of the above-described public facilities project or to enjoin the applicant from repaying the Public Works Board Construction loan extended by the Public Works Board with respect to such project. The applicant is not a party to litigation, which will materially affect its ability to repay such loan on the terms contained in the loan agreement.

WHEREAS, the applicant recognizes and acknowledges that the information in the application forms is the only information, which will be considered in the evaluation and/or rating process. Incomplete responses will result in a reduced chance of funding. In order to ensure fairness to all, the Public Works Board does not accept any additional written materials or permit applicants to make presentations before the Board; and

WHEREAS, it is necessary that certain conditions be met as part of the application process; and

WHEREAS, RCW 43.155.060 requires that the project will be advertised for competitive bids and administered according to standard local procedure; and

WHEREAS, the loan will not exceed the maximum amount allowed by the Board of eligible costs incurred for the project; and

WHEREAS, the applicant certifies that the improvement has a minimum life expectancy of at least the number of years of the loan term for which they are applying; and

WHEREAS, any loan arising from this application constitutes a debt to be repaid, and **Elaine McMillan, City Treasurer** (person/title) has reviewed and concluded it has the necessary capacity to repay such a loan; and

WHEREAS, the information provided in this application is true and correct to the best of the government's belief and knowledge and it is understood that the state may verify information, and that untruthful or misleading information may be cause for rejection of this application or termination of any subsequent loan agreement(s); and

NOW THEREFORE, **City of Ilwaco** (name of local government) certifies that it meets these requirements, and further that it intends to enter into a loan agreement with the Public Works Board, provided that the terms and conditions for a Public Works Board Construction loan are satisfactory to both parties.

Signed: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Phone Number: \_\_\_\_\_  
Date: \_\_\_\_\_  
Attest: \_\_\_\_\_

# CERTIFICATION BY PREPARER OF APPLICATION

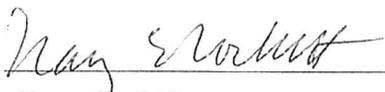
To Be Completed by Staff Member or Consultant

WHEREAS, **the City of Ilwaco** has prepared this application for a Washington State Public Works Board Construction loan; and

WHEREAS, the preparer recognizes and acknowledges that the information in this application is the only information that will be considered in the evaluation and/or rating process. Incomplete responses will result in a reduced chance of funding, and that in order to ensure fairness for all, the Public Works Board does not accept any additional written materials or permit applicants to make presentations before the Board; and

WHEREAS, the information provided in this application is true and correct to the best of the preparer's belief and knowledge; and

NOW THEREFORE, **the City of Ilwaco** recognizes and acknowledges the above declarations and certifies that this application meets the above requirements.

Signed:   
Name: Nancy Lockett  
Title: Engineer  
Phone Number: 206-284-0860  
Date: 5-6-2014  
Attest: \_\_\_\_\_

# SAMPLE DRAFT RESOLUTION

**City of Ilwaco**

Resolution # \_\_\_\_\_  
NAME OF APPLICANT

Whereas, the governing body for the **City of Ilwaco** is pursuing a Public Works Board 2016

NAME OF APPLICANT

Construction loan.

Whereas, the repayment of the Public Works Board 2016 Construction loan funding requires adequate revenue to meet debt service.

Now therefore, be it hereby resolved that the governing body agrees to maintain adequate revenue streams sufficient to provide funds to pay all system operating expenses and debt repayments during the term of the loan.

Adopted this \_\_\_\_\_ (day) of \_\_\_\_\_ 2014 by the governing body of \_\_\_\_\_.  
NAME OF APPLICANT

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
DATE

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
DATE

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
DATE

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
DATE

Five Year Proforma  
GENERAL FUND

	Forecast	2014	Forecast	2015	Forecast	2016	Forecast	2017	Forecast	2018
<b>Cash Balance Carry Forward from Prior Year</b>										
Revenues	171,633	171,633	171,633	171,633	212,609	212,609	216,948	216,948	240,460	240,460
Taxes	600,872	609,097	609,515	625,127	630,937					
License/Permits	44,560	44,560	44,560	44,560	44,560					
Intergovernmental	191,979	51,979	51,979	51,979	51,979					
State Entitlements	12,470	12,000	12,000	12,000	12,000					
Other	34,190	34,190	34,190	34,190	34,190					
Non-Revenue	54,805	54,805	54,805	54,805	54,805					
Sub total Revenue	938,876	806,631	807,049	822,661	828,471					
Expenditures										
City Hall/Council	134,285	136,970	136,970	136,970	136,970					
Courts/Legal	35,750	35,750	35,750	35,750	35,750					
Law Enforcement	183,140	190,466	198,084	206,008	214,248					
Fire Department	94,993	96,893	98,830	100,807	102,823					
Other	154,454	45,154	45,154	45,154	45,154					
Planner/Environment	15,502	15,812	16,128	16,451	16,780					
Library	15,221	15,525	15,836	16,153	16,476					
Park	121,189	68,598	69,970	71,370	72,797					
Debt Svc	145,488	145,488	145,488	145,488	145,488					
Capital Expenditures	35,700	15,000	40,500	25,000	30,400					
Sub total Expenditures	935,720	765,655	802,711	799,149	816,885					
Contribution to Reserves	3,156	40,976	4,339	23,512	11,585					
Operating Reserve : target = \$80,000										
Beginning balance	80,000	80,000	80,000	80,000	80,000					
Contribution to Reserve	-	-	-	-	-					
Ending balance	80,000	80,000	80,000	80,000	80,000					
Emergency Reserve: target = \$50,000										
Beginning balance	50,000	50,000	50,000	50,000	50,000					
Contribution to Reserve	-	-	-	-	-					
Ending balance	50,000	50,000	50,000	50,000	50,000					
Asset Replacement Reserve including Fire										
Beginning balance	35,618	38,774	79,750	84,089	107,601					
Contribution to Reserve	3,156	40,976	(4,339)	23,512	(11,585)					
Utilization of Reserve	-	-	-	-	-					
Ending balance	38,774	79,750	84,089	107,601	119,187					
Parks Reserve										
Beginning balance	2,859	2,859	2,859	2,859	2,859					
Contribution to Reserve	-	-	-	-	-					
Ending balance	2,859	2,859	2,859	2,859	2,859					
<b>Cash Balance Carry Forward to Next Year</b>	<b>171,633</b>	<b>212,609</b>	<b>216,948</b>	<b>240,460</b>	<b>252,046</b>					

\*includes all reserve funds

**Five Year Proforma  
WATER FUND**

	Forecast 2014	Forecast 2015	Forecast 2016	Forecast 2017	Forecast 2018	Forecast 2019	Forecast 2020	Forecast 2021
<b>Cash Balance Carry Forward from Prior Year</b>	115,329	42,481	131,528	182,435	233,168	115,995	129,640	161,236

1.03 \*

**Revenues**

Sales *	672,467	692,641	713,420	734,823	756,868	779,574	802,961	827,050
Connections/loans/grants	1,850,860	9,560	9,560	9,560	9,560	9,560	9,560	9,560
Sub total Revenue	2,523,327	702,201	722,980	744,383	766,428	789,134	812,521	836,610

**Expenditures**

Salary and Benefits*	272,991	281,181	289,616	298,305	307,254	316,471	325,965	335,744
O&M*	35,000	36,050	37,132	38,245	39,393	40,575	41,792	43,046
Chemicals*	32,000	32,960	33,949	34,967	36,016	37,097	38,210	39,356
Excise*	33,818	34,833	35,878	36,954	38,063	39,205	40,381	41,592
Insurance *	18,802	19,366	19,947	20,545	21,162	21,796	22,450	23,124
Electricity*	31,104	32,037	32,998	33,988	35,008	36,058	37,140	38,254
Other*	91,426	74,169	76,394	78,686	76,046	73,328	70,527	67,643
Debt Svc	106,033	101,959	101,959	141,959	170,959	170,959	170,959	170,959
Capital Expenditures	1,975,000	600	44,200	10,000	159,700	40,000	33,500	52,000
Sub total Expenditures	2,596,174	613,155	672,072	693,650	883,601	775,489	780,925	811,719
Contribution/Use of Reserves	(72,847)	89,046	50,908	50,733	(117,173)	13,645	31,596	24,891

Operating Reserve : target = \$63,000

Beginning balance	31,750
Contribution to Reserve	31,250
Ending balance	63,000

Emergency Reserve: target = \$100,000

Beginning balance	-
Contribution to Reserve	25,000
Ending balance	25,000

Asset Replacement Reserve

Beginning balance	83,579
Contribution to Reserve	10,731
Utilization of Reserve	32,796
Ending balance	10,731

New Construction Reserve

Beginning balance	-
Contribution to Reserve	-
Ending balance	-

**Cash Balance Carry Forward to Next Year**

	42,481	131,528	182,435	233,168	115,995	129,640	161,236	186,127
--	--------	---------	---------	---------	---------	---------	---------	---------

\*includes all reserve funds

Five Year Proforma  
SEWER FUND

	Forecast	2014	Forecast	2015	Forecast	2016	Forecast	2017	Forecast	2018	Forecast	2019
<b>Cash Balance Carry Forward from Prior Year</b>		351,442		301,649		259,226		266,035		262,891		364,046
1.03 *												
<b>Revenues</b>												
Sales*	824,244		848,971		874,440		900,674		927,694		955,525	
Seaview Fees (30%) & Loan match	326,280		343,299		327,317		327,317		327,317		289,531	
Loan Proceeds & Transfer in	318,804											
Connections	19,100		19,100		19,100		19,100		19,100		19,100	
Sub total Revenue	1,488,428		1,211,370		1,220,857		1,247,090		1,274,110		1,264,155	
<b>Expenditures</b>												
Salary and Benefits*	201,412		207,454		213,678		220,088		226,691		226,691	
O&M*	11,700		12,051		12,413		12,785		13,168		13,168	
Chemicals*	21,000		21,630		22,279		22,947		23,636		23,636	
Excise*	16,528		17,024		17,534		18,060		18,602		18,602	
Sludge Site	43,000		44,290		45,619		46,987		48,397		48,397	
Insurance *	13,894		14,311		14,740		15,182		15,638		15,638	
Electricity*	62,000		63,860		65,776		67,749		69,782		69,782	
Other*	141,674		135,924		140,002		144,202		148,528		148,528	
Debt Svc	474,762		508,600		508,600		508,600		485,881		368,653	
Projects	322,299		1,966									
Capital Expenditures	229,953		226,683		173,408		193,633		122,633		121,335	
Sub total Expenditures	1,538,222		1,253,793		1,214,048		1,250,234		1,172,955		1,054,429	
Contribution/Use of Reserves	(49,794)		(42,422)		6,809		(3,144)		101,155		209,726	
Operating Reserve : target = \$60,888	60,888		60,888		60,888		60,888		60,888		60,888	
Beginning balance	-		-		-		-		-		-	
Contribution to Reserve	60,888		60,888		60,888		60,888		60,888		60,888	
Ending balance	60,888		60,888		60,888		60,888		60,888		60,888	
Emergency Reserve: target = \$100,000	100,000		100,000		100,000		100,000		100,000		100,000	
Beginning balance	-		-		-		-		-		-	
Contribution to Reserve	100,000		100,000		100,000		100,000		100,000		100,000	
Ending balance	100,000		100,000		100,000		100,000		100,000		100,000	
Asset Replacement Reserve	174,619		124,826		82,403		89,212		86,068		87,223	
Beginning balance	49,794		42,422		6,809		3,144		1,155		109,726	
Contribution to Reserve	124,826		82,403		89,212		86,068		87,223		196,949	
Ending balance	15,935		15,935		15,935		15,935		15,935		115,935	
Goulter Property Purchase Reserve	15,935		15,935		15,935		15,935		100,000		100,000	
Beginning balance	15,935		15,935		15,935		15,935		115,935		215,935	
Contribution to Reserve	-		-		-		-		-		-	
Ending balance	301,649		259,226		266,035		262,891		364,046		573,772	
<b>Cash Balance Carry Forward to Next Year</b>												
	-		-		-		-		-		-	

\*includes all reserve funds



**CITY OF ILWACO  
RESOLUTION NO. 2014-xx**

**A RESOLUTION OF THE CITY OF ILWACO, WASHINGTON, REVISING  
AND EXTENDING THE SIX YEAR TRANSPORTATION IMPROVEMENT  
PROGRAM**

**WHEREAS**, pursuant to the requirements of RCW 35.77.010, laws of the State of Washington, the City of Ilwaco has prepared a revised and extended Six Year Transportation Improvement program for the ensuing six calendar years of 2015 to 2020, and

**WHEREAS**, pursuant further to said law, the City Council did hold a public hearing on said plan at 6:00 pm or soon thereafter on the 27th day of May 2014,

**NOW THEREFORE, be it resolved by the City Council that the revised and extended Six Year Transportation Improvement Program for the ensuing calendar years 2015 to 2020 be the same and is hereby adopted, and**

Be it further resolved, that a copy of this resolution be filed with the Department of Transportation District Aid Engineer of the State of Washington.

**Effective Date.** This Resolution, being an exercise of power specifically delegated to the city legislative body, is not subject to referendum and shall take effect five (5) days after passage by the City Council.

**PASSED BY THE CITY COUNCIL OF THE CITY OF ILWACO, AND SIGNED  
IN AUTHENTICATION OF ITS PASSAGE THIS XX<sup>TH</sup> DAY OF MAY, 2014.**

\_\_\_\_\_  
Mike Cassinelli, Mayor

ATTEST:

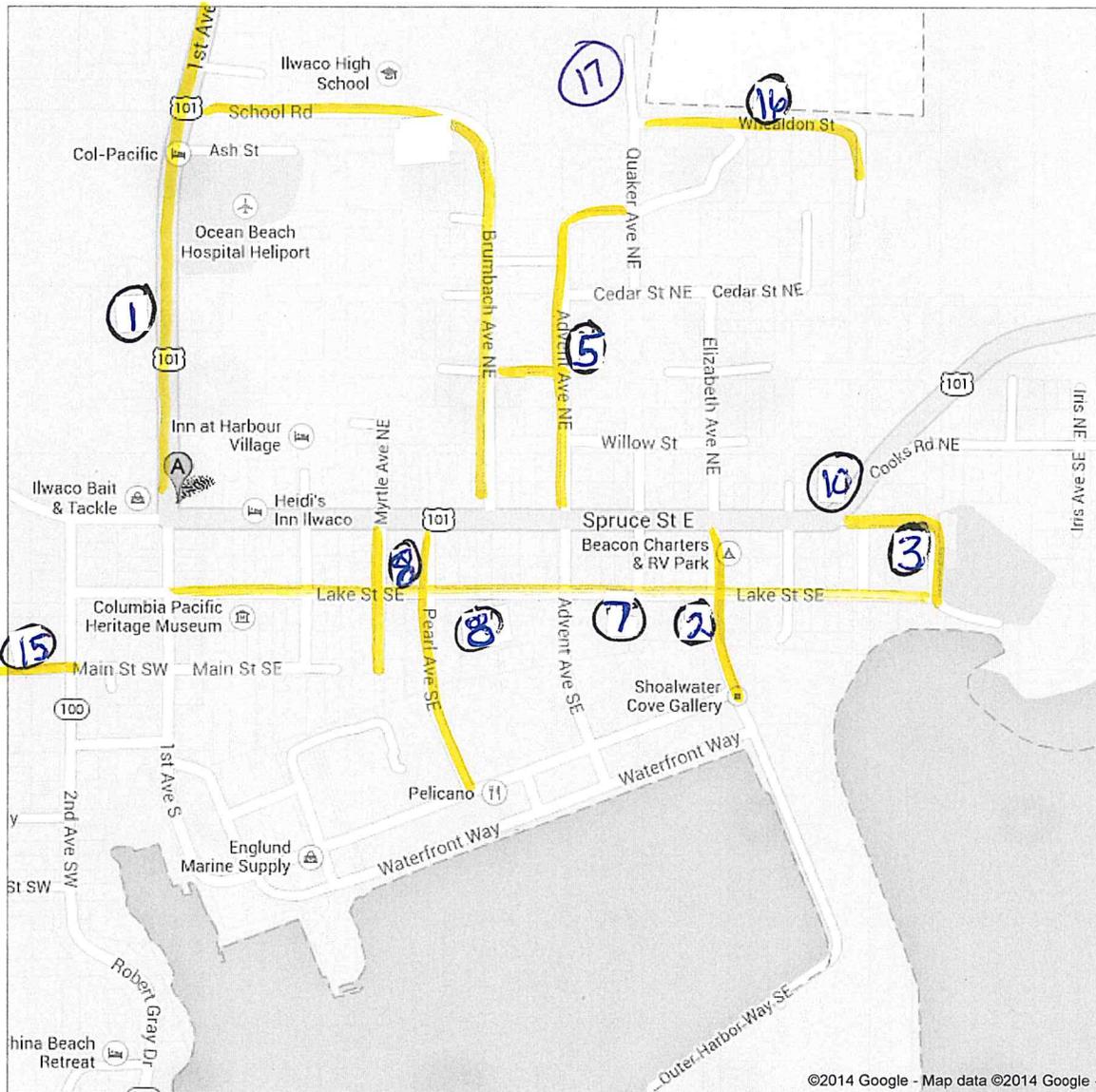
\_\_\_\_\_  
Ariel Smith, Deputy City Clerk

VOTE	Jensen	Mulinix	Marshall	Chambreau	Forner	Cassinelli
Ayes						
Nays						
Abstentions						
Absent						

EFFECTIVE: May xx, 2014

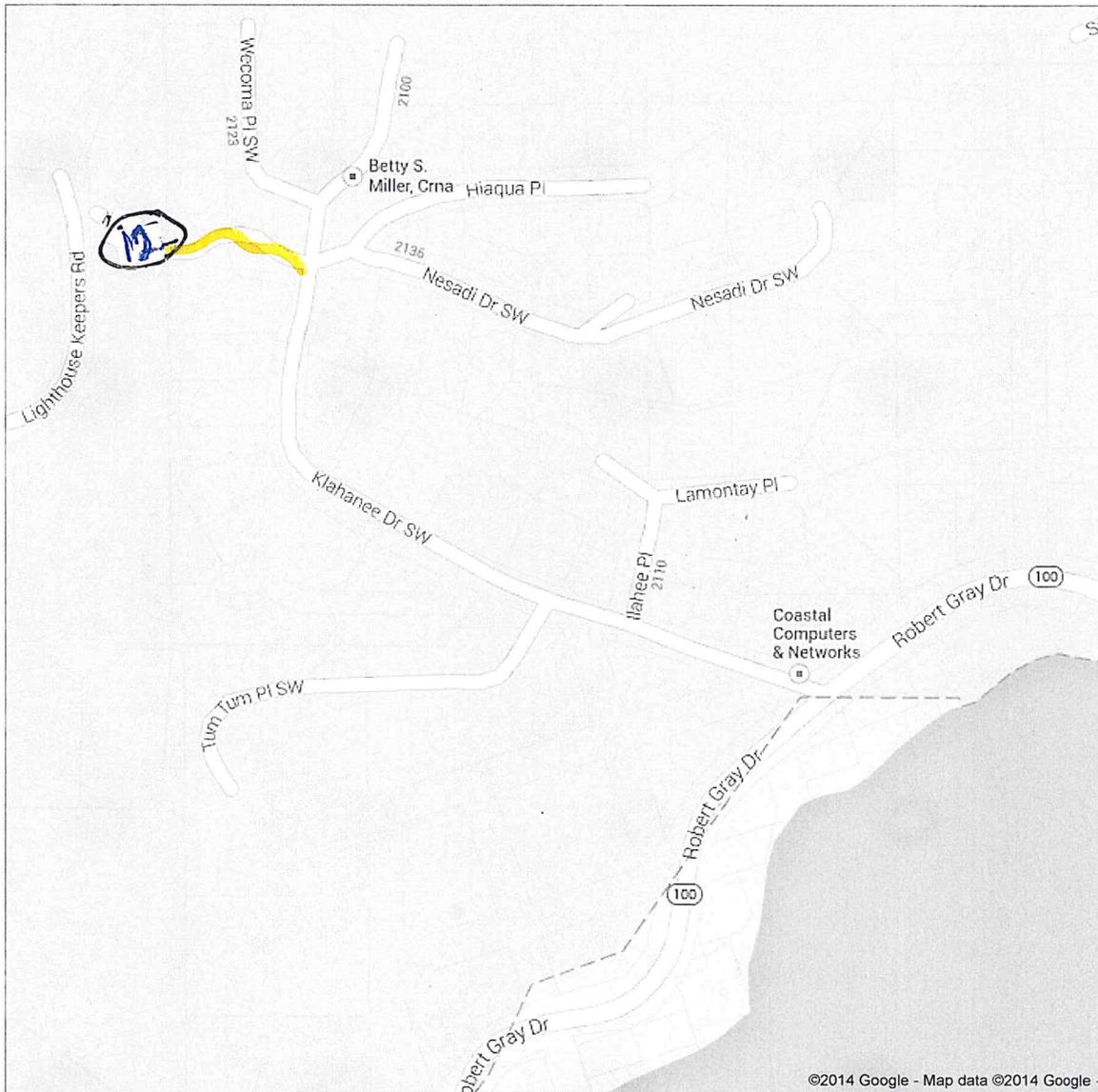
Google

Address Ilwaco, WA



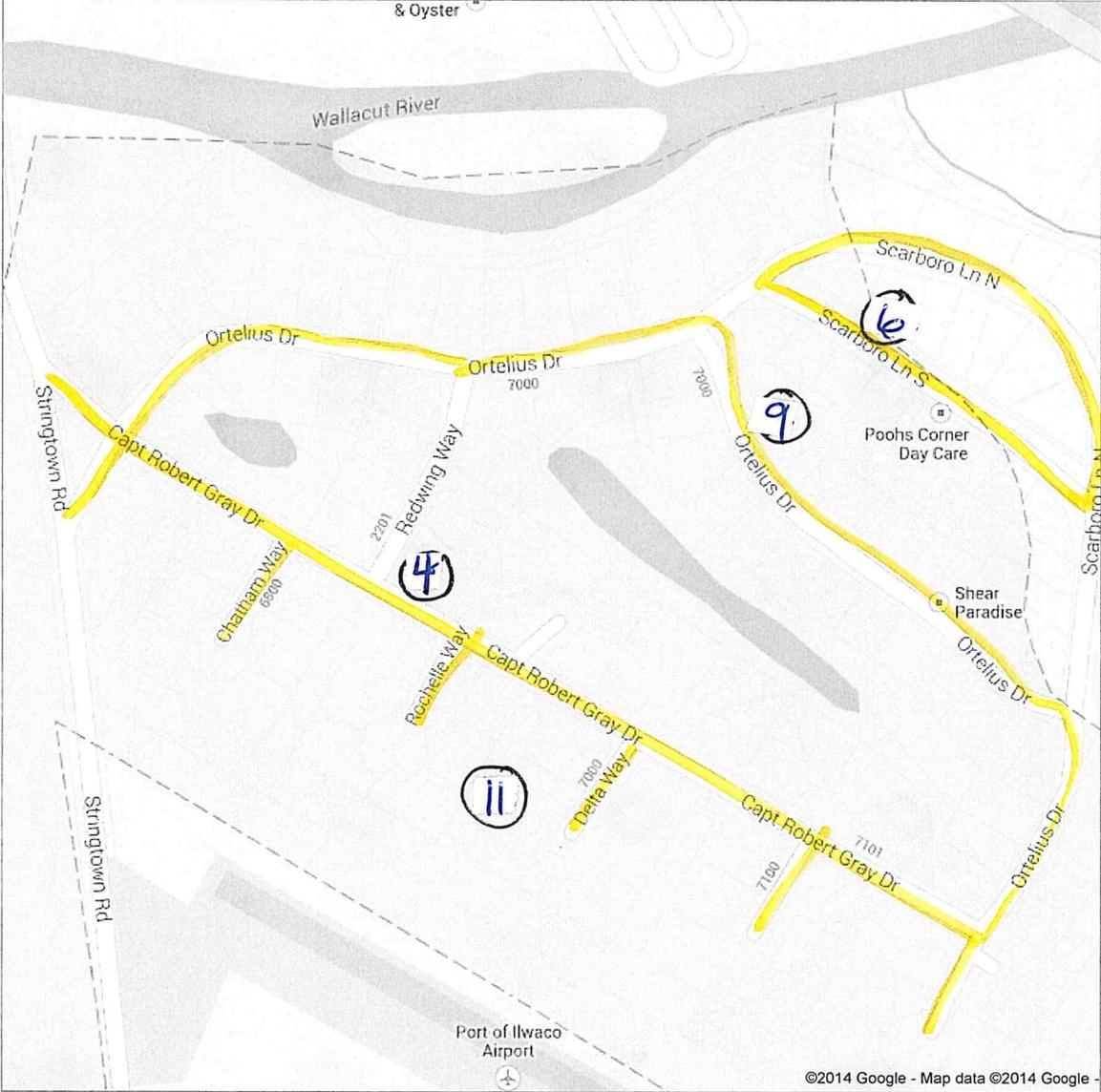
Google

Address Ilwaco, WA



Google

Address Ilwaco, WA



# Six Year Transportation Improvement Program From 2015 to 2020

Agency: Ilwaco

County: Pacific

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID  G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
07	1	First Street Sewer Line Replacement First Street School Rd to Spruce Replace sewer line and repair road	WA-02779	05/27/14	05/27/14		2014-xx	03		0.270		No

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2015		0	OTHER	1,000	0	1,000
S	CN	2015		0	OTHER	1,000	50	1,050
<b>Totals</b>				<b>0</b>		<b>2,000</b>	<b>50</b>	<b>2,050</b>

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	61,400	0	1,000	0	0
CN	0	908,172	1,050	0	0
<b>Totals</b>	<b>61,400</b>	<b>908,172</b>	<b>2,050</b>	<b>0</b>	<b>0</b>

# Six Year Transportation Improvement Program From 2015 to 2020

Agency: Ilwaco

County: Pacific

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID  G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
07	2	Elizabeth Elizabeth Spruce to Howerton Pave Elizabeth: Spruce to Howerton and add sidewalks on east side	WA-02774	05/27/14	05/27/14		2014-xx	03		0.140		Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2015		0	TIB	9,533	502	10,035
S	CN	2015		0	TIB	521,013	27,422	548,435
<b>Totals</b>				<b>0</b>		<b>530,546</b>	<b>27,924</b>	<b>558,470</b>

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	71,500	10,035	0	0	0
CN	0	548,435	0	0	0
<b>Totals</b>	<b>71,500</b>	<b>558,470</b>	<b>0</b>	<b>0</b>	<b>0</b>

## Six Year Transportation Improvement Program From 2015 to 2020

Agency: Ilwaco

County: Pacific

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID  G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
06	3	Adelia and Spruce Street Cutoff Adelia St. and Spruce St. SR 101 Cutoff to Lake Street Pave from SR 101 cutoff to Lake Street including parking area	WA-02776	05/27/14	05/27/14		2014-xx	03		0.110		No

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
P	PE	2015		0	TIB	76,000	0	76,000
P	CN	2016		0	TIB	400,000	20,000	420,000
<b>Totals</b>				<b>0</b>		<b>476,000</b>	<b>20,000</b>	<b>496,000</b>

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	76,000	0	0	0	0
CN	0	420,000	0	0	0
<b>Totals</b>	<b>76,000</b>	<b>420,000</b>	<b>0</b>	<b>0</b>	<b>0</b>

## Six Year Transportation Improvement Program From 2015 to 2020

Agency: Ilwaco

County: Pacific

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID  G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
09	4	Capt. Robert Gray Drive - Vandalia Captain Robert Gray Drive Stringtown Rd to Orelus E Pave Capt. Robert Gray Dr. from Stringtown Rd to Ortelius E	WA-02777	05/27/14	05/27/14		2014-XX	07		0.340		No

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
P	CN	2016		0	TIB	118,679	6,246	124,925
<b>Totals</b>				<b>0</b>		<b>118,679</b>	<b>6,246</b>	<b>124,925</b>

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
CN	124,925	0	0	0	0
<b>Totals</b>	<b>124,925</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

## Six Year Transportation Improvement Program From 2015 to 2020

Agency: Ilwaco

County: Pacific

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID  G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
06	5	Hilltop School Route - Advent Street Advent and Hemlock Spruce to Quaker Pave Advent Ave.: Spruce thru Fir (w/sidewalks Spruce to Willow). Advent. Hemlock: Advent to Brumbach.	WA-02759	05/27/14	05/27/14		2014-xx	07		0.340		No

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
P	PE	2016		0	TIB	80,000	0	80,000
P	CN	2017		0	TIB	401,000	25,000	426,000
<b>Totals</b>				<b>0</b>		<b>481,000</b>	<b>25,000</b>	<b>506,000</b>

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	80,000	0	0	0	0
CN	0	426,000	0	0	0
<b>Totals</b>	<b>80,000</b>	<b>426,000</b>	<b>0</b>	<b>0</b>	<b>0</b>

## Six Year Transportation Improvement Program From 2015 to 2020

Agency: Ilwaco

County: Pacific

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID  G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
09	6	Scarboro Lane Improvements Scarboro Ln/Scarboro Dr Scarboro Ln South to Scarboro Ln South Scarboro Ln N from Scarboro Dr to Ortelius Dr Resurface existing pavement and add storm drain	WA-02772	05/27/14	05/27/14		2014-XX	07		0.320		No

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
P	PE	2016		0	TIB	40,000	0	40,000
P	CN	2017		0	TIB	197,000	12,000	209,000
<b>Totals</b>				<b>0</b>		<b>237,000</b>	<b>12,000</b>	<b>249,000</b>

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	40,000	0	0	0	0
CN	0	209,000	0	0	0
<b>Totals</b>	<b>40,000</b>	<b>209,000</b>	<b>0</b>	<b>0</b>	<b>0</b>

## Six Year Transportation Improvement Program From 2015 to 2020

Agency: Ilwaco

County: Pacific

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID  G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
08	7	Lake Street Improvements Lake Street Adelia to Williams Pave shoulder and new sidewalks	WA-02762	05/27/14	05/27/14		2014-XX	03		0.400		No

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
P	PE	2017		0	TIB	94,000	0	94,000
P	CN	2018		0	TIB	476,000	30,000	506,000
<b>Totals</b>				<b>0</b>		<b>570,000</b>	<b>30,000</b>	<b>600,000</b>

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	94,000	0	0	0	0
CN	0	506,000	0	0	0
<b>Totals</b>	<b>94,000</b>	<b>506,000</b>	<b>0</b>	<b>0</b>	<b>0</b>

## Six Year Transportation Improvement Program From 2015 to 2020

Agency: Ilwaco

County: Pacific

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID  G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
08	8	Pearl Av and Myrtle Av/Fire Hall Pearl Av and Myrtle Av Spruce to Howerton/Main Pave Pearl Av: Spruce to Howerton Pave Myrtle Av: Myrtle NE end to Main	WA-02773	05/27/14	05/27/14		2014-XX	07		0.280		No

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
P	PE	2017		0	TIB	61,000	0	61,000
P	CN	2018		0	TIB	309,000	19,000	328,000
<b>Totals</b>				<b>0</b>		<b>370,000</b>	<b>19,000</b>	<b>389,000</b>

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	61,000	0	0	0	0
CN	0	328,000	0	0	0
<b>Totals</b>	<b>61,000</b>	<b>328,000</b>	<b>0</b>	<b>0</b>	<b>0</b>

## Six Year Transportation Improvement Program From 2015 to 2020

Agency: Ilwaco

County: Pacific

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID  G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
09	9	Ortelius Drive Ortelius Drive Stringtown Rd. to Capt. Robert Gray Drive Resurface and add storm drains from Stringtown Rd. to Capt. Robert Gray Dr.	WA-02784	05/27/14	05/27/14		2014-XX	03		0.450		No

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
P	PE	2017		0	TIB	54,000	0	54,000
P	CN	2018		0	TIB	273,000	17,000	290,000
<b>Totals</b>				<b>0</b>		<b>327,000</b>	<b>17,000</b>	<b>344,000</b>

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	54,000	0	0	0	0
CN	0	290,000	0	0	0
<b>Totals</b>	<b>54,000</b>	<b>290,000</b>	<b>0</b>	<b>0</b>	<b>0</b>

## Six Year Transportation Improvement Program From 2015 to 2020

Agency: Ilwaco

County: Pacific

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID  G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
09	10	Cooks Hill Intersection Cooks Road NE Cooks Road NE to SR 101 Rebuild hazardous intersection	WA-02807	05/27/14	05/27/14		2014-XX	07		0.050		No

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
P	PE	2018		0	TIB	1	0	1
P	CN	2018		0	TIB	1	0	1
<b>Totals</b>				<b>0</b>		<b>2</b>	<b>0</b>	<b>2</b>

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	1	0	0	0	0
CN	0	1	0	0	0
<b>Totals</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>

## Six Year Transportation Improvement Program From 2015 to 2020

Agency: Ilwaco

County: Pacific

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID  G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
09	11	Vandalia Cul-de-Sacs Chattam/Rochelle/Delta/Glemorag/Ortelius Capt. Robert Gray Dr to South to dead end Pave from Capt. Robert Gray Dr to end of each Vandalia cul-de-sac	WA-02805	05/27/14	05/27/14		2014-XX	03		0.150		No

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
P	PE	2019		0	TIB	20,000	0	20,000
P	CN	2020		0	TIB	99,000	7,000	106,000
<b>Totals</b>				<b>0</b>		<b>119,000</b>	<b>7,000</b>	<b>126,000</b>

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	20,000	0	0	0	0
CN	0	106,000	0	0	0
<b>Totals</b>	<b>20,000</b>	<b>106,000</b>	<b>0</b>	<b>0</b>	<b>0</b>

## Six Year Transportation Improvement Program From 2015 to 2020

Agency: Ilwaco

County: Pacific

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID  G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
00	12	Sidewalk Improvement Project Various Various to Various Repair/construct various city sidewalks	WA-02806	05/27/14	05/27/14		2014-XX	28		1.000		No

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	CN	2016		0	TIB	20,000	0	20,000
<b>Totals</b>				<b>0</b>		<b>20,000</b>	<b>0</b>	<b>20,000</b>

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
CN	20,000	0	0	0	0
<b>Totals</b>	<b>20,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

## Six Year Transportation Improvement Program From 2015 to 2020

Agency: Ilwaco

County: Pacific

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID  G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
09	13	Reservoir Road Reservoir Road Wecoma to Dead End Pave gravel road from Wecoma to dead end	WA-02803	05/27/14	05/27/14		2014-XX	06		0.080		No

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
P	PE	2018		0	TIB	11,000	0	11,000
P	CN	2019		0	TIB	54,000	4,000	58,000
<b>Totals</b>				<b>0</b>		<b>65,000</b>	<b>4,000</b>	<b>69,000</b>

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	11,000	0	0	0	0
CN	0	58,000	0	0	0
<b>Totals</b>	<b>11,000</b>	<b>58,000</b>	<b>0</b>	<b>0</b>	<b>0</b>

## Six Year Transportation Improvement Program From 2015 to 2020

Agency: Ilwaco

County: Pacific

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID  G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
09	14	Miscellaneous Chip Seals Advent/Myrtle/Ash/Eagle/Main SE/Pearl to Chip seal Advent SE from Lake to Spruce; Myrtle SE from Lake to dead end; Ash NE; Eagle NE; Main SE; Pearl	WA-03625	05/27/14	05/27/14		2014-XX	05		0.470		No

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
P	CN	2017		0		0	26,064	26,064
<b>Totals</b>				<b>0</b>		<b>0</b>	<b>26,064</b>	<b>26,064</b>

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
CN	26,064	0	0	0	0
<b>Totals</b>	<b>26,064</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

## Six Year Transportation Improvement Program From 2015 to 2020

Agency: Ilwaco

County: Pacific

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID  G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
09	15	Main Street SW Main St SW to Repair sloughing street. Connect to Discovery Trail.	WA-03624	05/27/14	05/27/14		2014-XX	05		0.130		No

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
P	PE	2019		0	TIB	44,000	0	44,000
P	CN	2020		0	TIB	165,000	9,000	174,000
<b>Totals</b>				<b>0</b>		<b>209,000</b>	<b>9,000</b>	<b>218,000</b>

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	44,000	0	0	0	0
CN	0	174,000	0	0	0
<b>Totals</b>	<b>44,000</b>	<b>174,000</b>	<b>0</b>	<b>0</b>	<b>0</b>

## Six Year Transportation Improvement Program From 2015 to 2020

Agency: Ilwaco

County: Pacific

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID  G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
09	16	Whealdon Street Whealdon Quaker to dead end/Cedar Pave and dedicate gravel road on city property in county	WA-02788	05/27/14	05/27/14		2014-XX	01		0.150		No

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
P	PE	2018		0	TIB	64,000	0	64,000
P	CN	2018		0	TIB	244,000	13,000	257,000
<b>Totals</b>				<b>0</b>		<b>308,000</b>	<b>13,000</b>	<b>321,000</b>

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	64,000	0	0	0	0
CN	0	257,000	0	0	0
<b>Totals</b>	<b>64,000</b>	<b>257,000</b>	<b>0</b>	<b>0</b>	<b>0</b>

## Six Year Transportation Improvement Program From 2015 to 2020

Agency: Ilwaco

County: Pacific

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID  G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
00	17	Quaker extension Quaker No name road/Whealdon to Develop road to Black Lake/old city shop	WA-06537	05/27/14	05/27/14		2014-xx	03				No

Error: Subreport could not be shown.

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
	0	0	0	0	0
<b>Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

	Federal Funds	State Funds	Local Funds	Total Funds
<b>Grand Totals for Ilwaco</b>	<b>0</b>	<b>3,833,227</b>	<b>216,284</b>	<b>4,049,511</b>



**CITY OF ILWACO  
RESOLUTION NO. 2014-XX**

**A RESOLUTION OF THE CITY OF ILWACO, WASHINGTON  
AUTHORIZING THE PURCHASE OF AN TWO 35 HORSEPOWER FLYGT PUMPS  
FROM WHITNEY EQUIPMENT COMPANY, INC. BASED ON SPECIAL  
FACILITIES AND MARKET CONDITIONS, AND WAIVING COMPETITIVE  
BIDDING REQUIREMENTS**

**WHEREAS**, the City Council finds that based upon extensive research by the Wastewater Plant Supervisor, the purchase of two 35 hp Flygt pumps as manufactured by Xylem will optimately and efficiently operate in conjunction with the existing sewer collection system liftstation in the Cape Disappointment State Park area and,

**WHEREAS**, RCW 39.04.280 provides that a local agency, by Resolution may waive the competitive bidding requirements when the purchase is clearly and legitimately limited to a single source of supply, or when the purchase involves special facilities or market conditions; and,

**WHEREAS**, and the Flygt pumps to be purchased must work efficiently and effectively with the existing collection system, and no other pumps exist that work with the existing system; and,

**WHEREAS**, the City Council finds that there is one brand of pump that will meet the City's needs; and,

**WHEREAS**, the City Council finds that Whitney Equipment Co, Inc is the sole source of supply for the Flygt pumps in the States of Washington and Oregon, as per the attached letter from Xylem, and it will provide the pumps to the City at the lowest price it may offer, and,

**WHEREAS**, the City Council finds that it is appropriate to waive the competitive bidding requirements for the above reasons; and,

**NOW THEREFORE, THE CITY COUNCIL OF THE CITY OF ILWACO,  
WASHINGTON, DOES RESOLVE AS FOLLOWS:**

**Section 1.** The City's purchase of two pumps in the amount of \$60,120.34 from Whitney Equipment Company Inc. is authorized and competitive bidding requirements are hereby waived for the purchase due to special facilities and market conditions.

**Section 2. Severability.** If any section, sentence, clause or phrase of this resolution shall be held to be invalid or unconstitutional by a court of competent jurisdiction, such invalidity or unconstitutionality shall not affect the validity or constitutionality of any other section, sentence, clause or phrase of this resolution.

**Section 3.** This resolution, being an exercise of power specifically delegated to the city legislative body, is not subject to referendum and shall take effect five (5) days after passage by the City Council.

---

Mike Cassinelli, Mayor

ATTEST:

---

Ariel Smith, Deputy City Clerk

VOTE	Jensen	Mulinix	Marshall	Chambreau	Forner	Cassinelli
Ayes						
Nays						
Abstentions						
Absent						

EFFECTIVE: May XX, 2014

## Elaine McMillan

---

**From:** Warren [wastewater@ilwaco-wa.gov]  
**Sent:** Wednesday, May 07, 2014 7:56 AM  
**To:** 'Elaine McMillan'  
**Subject:** RE: Resolution for pumps

Elaine,

The goal of the Ilwaco WWT department is to work with G and O to standardize all pumps in the wastewater system. So as our pumps wear out and come to their life expectancy they are replaced with Flygt sewage pumps. Flygt pumps are the most reliable pumps on the market. And in the world we live in with liabilities with sewer overflows you definitely need the most reliable pumps. Benefit of Flygt pumps are energy efficient, non-clogging, and the ability to handle sand and grit coming from Cape Disappointment and the Coast Guard Base. Modernization of the electrical of the Flygt pumps can handle the power coming from the PUD better than the old style of pumps.

---

**From:** Elaine McMillan [mailto:treasurer@ilwaco-wa.gov]  
**Sent:** Tuesday, May 06, 2014 8:33 AM  
**To:** 'Warren'  
**Cc:** City Clerk  
**Subject:** Resolution for pumps

Warren –

Please let me know if your thoughts on the resolution. Additional description of the pumps and why we must have Flygt pumps would be helpful. Once I have your suggestions, I will ask Ariel to get it to Heather to review and it along with the supporting documents will go to the council.

Thanks,

*Elaine McMillan*  
Treasurer  
City of Ilwaco  
P.O. Box 548  
Ilwaco, WA 98624  
Ph: 360-642-3145  
Email: [treasurer@ilwaco-wa.gov](mailto:treasurer@ilwaco-wa.gov)

## Elaine McMillan

---

**From:** Nancy Lockett [nlockett@g-o.com]  
**Sent:** Tuesday, May 06, 2014 5:24 PM  
**To:** Treasurer  
**Cc:** Warren Hazen  
**Subject:** FW: Resolution for pumps  
**Attachments:** RESOLUTION NO 2014-xx Pumps for Cape D liftstation.docx

Elaine,

Warren asked me to write a brief paragraph about why the use of Flygt pumps at all the City's lift stations, including the lift station Cape Disappointment, is desirable. The wastewater treatment plant and collection system pumps are being standardized around Flygt equipment. Standardization around a single supplier improves the ability of the staff to troubleshoot and effect minor repairs of the pumps and limits the number of spare parts required to be kept on hand. Flygt pumps are robust, efficient and tend to provide excellent service throughout the life of the pumps. Flygt submersible pumps are an appropriate choice for standardization of the City's submersible pumps.

Nancy

-----Original Message-----

**From:** Warren [<mailto:wastewater@ilwaco-wa.gov>]  
**Sent:** Tuesday, May 06, 2014 11:08 AM  
**To:** Nancy Lockett  
**Subject:** FW: Resolution for pumps

---

**From:** Elaine McMillan [<mailto:treasurer@ilwaco-wa.gov>]  
**Sent:** Tuesday, May 06, 2014 8:33 AM  
**To:** 'Warren'  
**Cc:** City Clerk  
**Subject:** Resolution for pumps

Warren -

Please let me know if your thoughts on the resolution. Additional description of the pumps and why we must have Flygt pumps would be helpful. Once I have your suggestions, I will ask Ariel to get it to Heather to review and it along with the supporting documents will go to the council.

Thanks,



120 First Avenue North  
 PO Box 548 • Ilwaco, WA 98624  
 Phone: 360.642.3145  
 Fax: 360.642.3155  
 info@ilwaco-wa.gov  
 www.ilwaco-wa.gov

\$60K per budget.

PURCHASE ORDER # \_\_\_\_\_

DATE: 4/14/2014

VENDOR: Whitney Equipment

DELIVER TO: CITY OF ILWACO WWTF

ATTN: Warren M Hazel

Sole Source U&M

QTY/HRS	ITEM/ SERVICE BEING PURCHASED	UNIT PRICE	TOTAL
2	Cape Disappointment Pumps + Parts Start-up		52,240.76 2,476.00

If applicable, all jobsite or fabrication work must be paid at prevailing wage, shall comply with the prevailing wage law, and an approved affidavit from WA L&I will be required.

SUBTOTAL	
SHIPPING	1,032.50
TAX	4,353.08
<b>TOTAL</b>	<b>60,120.34</b>

TO BE COMPLETED BY REQUESTER

DEPT REQUIRING PURCHASE (CHECK ALL THAT APPLY).  
 WATER  SEWER  STREETS  PARKS  FIRE  OFFICE  OTHER                       
WWS&S

HOW LONG WILL PURCHASE LAST? (ESTIMATE) 15 to 20 Years U&M

IS THIS AN INVENTORY ITEM?  YES  NO

WHEN IS THIS ITEM NEEDED? JULY 2014

QUOTES REQUESTED? 1) \_\_\_\_\_ \$ \_\_\_\_\_ DATE: 1/1

(List Vendor Names) 2) \_\_\_\_\_ \$ \_\_\_\_\_ DATE: 1/1

3) \_\_\_\_\_ \$ \_\_\_\_\_ DATE: 1/1

APPROVAL

REQUESTOR (SIGN): Warren M. Hazel DATE: 4/14/2014

SECOND LEVEL: [Signature] DATE: 1/1

BILLING (TO BE COMPLETED BY CITY HALL)

<b>BILL TO:</b> CITY OF ILWACO WWTF PO BOX 548 ILWACO WA 98624	<b>VENDOR #:</b> _____	<b>TOTAL AMT:</b> _____
	ACCT: _____	AMOUNT: _____
	ACCT: _____	AMOUNT: _____
	ACCT: _____	AMOUNT: _____
	ACCT: _____	AMOUNT: _____
	ACCT: _____	AMOUNT: _____

# Whitney Equipment Company Inc

*Manufactures' Representative*

21222 30th Dr SE, Ste 110  
 Bothell, WA 98021  
 Phone 425-486-9499 Fax 425-485-7409

Name: Warren Hazen  
 Company: City of Ilwaco  
 Email: wastewater@ilwaco-wa.gov  
 Phone: 360-642-8200  
 Re: Cape Disapointment Pump Station

**Quote Reference Number**  
 19872r1 - Ilwaco Cape Disapointment  
**02/20/2014**

Prepared by: Ben Scrace

Mobile: 206-9630-0332  
 bscrace@weci.com

**Comments or Special Instructions:**

Here is the quote to replace his Fairbanks Morse model 5434MV pumps based on the duty point provided of 200 GPM @ 180' TDH. This pump has a 4" discharge and we will be using the existing Fairbanks-Morse guide rail bracket mounted to the Flygt discharge flange. Included with this quote you will find copies of the Fairbanks Morris pump data used to size the Flygt pump. Please review The Flygt pump is a larger HP motor and requires 40 Amp, current installed pumps shows 37.2 FLA. Please confirm station is able to accept the slightly larger motor which does increase efficiency from 33% to 43.7%.

Qty	Description
<b>Pump:</b>	
2	3171.095 ~ 277 SH Hard Iron N-Impeller /4" Discharge Less Sliding Bracket
	35 HP/ 460 V/ 3 PH FM Motor
	50-foot subcab 4/3-2-1 GC 32.8-34.8MM
2	mini-CAS II
2	mini-CAS Base
<b>Discharge / Suction:</b>	
1	Mix-Fush Valve
3	Custom Drilled Volute for F-M Bracket
<b>Accessories:</b>	
1	Lifting Chain Assemblies - 20'
1	15/32" Wide Shackle
1	Quck Link

<b>Equipment</b>	<b>\$52,260.76</b>
<b>Start-up Estimate:</b>	<b>\$2,476.00</b>
<b>Freight Estimate:</b>	<b>\$1,033.50</b>
<b>Sales Tax (7.8%):</b>	<b>\$4,350.08</b>

**TOTAL: \$60,120.34**

Please make purchase orders out to: Whitney Equipment Company Inc.

Lead Time: 10-12 Weeks after receipt of order

Freight: FOB, Pre-Pay & Add. Estimate included with quote

Sales: Estimate provided with quote (Please verify Sales Tax 7.8% or provide exemption certificate)

Terms: Net 30 days & per attached terms and conditions.

Copy: Sharon Adler (Whitney Equipment Co.) - Inside Sales; Product Manager  
 Terah Bruce (Whitney Equipment Co.) - Service Coordinator



Harrison J. Neat  
Distribution Manager, Transport

Flygt Products  
2333 48<sup>th</sup> Avenue SW Olympia, WA 98512  
O: 360-754-3610 M: 972-342-6662  
harrison.neat@xyleminc.com

February 11, 2013

Subject: Factory authorized distributor for Flygt products and service

To whom it may concern:

This letter is to inform you that Whitney Equipment Co., Inc., 21222 30th Ave. SE, Bldg. C Suite 110, Bothell, WA 98021 (Tel: 425-486-9499), is the exclusive factory authorized distributor of Flygt pumps, parts and accessories for the Municipal and Industrial markets in the states of Washington and northern Idaho, and the Industrial market in the state of Oregon. Whitney Equipment is also the only factory authorized service center in Washington, employing factory-trained mechanics capable of servicing all Flygt products manufactured by Xylem Water Solutions.

We are confident that Whitney Equipment will be able to provide expert advice and service in a professional manner for any of your pumping needs.

Thank you for your interest in Flygt products.

Yours very truly,

Harrison J. Neat  
Distribution Manager

cc: Whitney Equipment Co., Inc.

WHITNEY EQUIPMENT CO., INC.  
BOTHELL, WA  
STANDARD CONDITIONS OF SALE

These are Whitney Equipment Co., Inc., the Seller, Standard Terms and Conditions and the basis of our offer, unless specifically altered in writing herein, and changes may affect the price.

**ACCEPTANCE:** THIS QUOTATION OR PROPOSAL IS NOT AN OFFER. BUYER MAY, WITHIN 30 DAYS, MAKE THIS PROPOSAL THE BASIS OF AN ORDER WHICH IS SUBJECT TO ACCEPTANCE OF THE SELLER AND THE ACCEPTANCE OF OUR SUPPLIERS TO FURNISH ALL OR PARTS OF THE ORDER.

**TAXES:** We do not include any Federal, State, City, County, or other sales, custom duties, or taxes such as sales, use, excise, retailer's occupation or similar taxes and fees, in the price and we will add any taxes that are required to pay to the purchase price. In lieu of paying such taxes to the Seller, the Buyer may furnish the Seller with a Tax Exemption Certificate or other legal and appropriate taxing authorities at any time.

**TERMS:** The Seller's terms are net cash 30 days after the date of the invoice. The Seller reserves the right to require payment in advance or C.O.D. and otherwise modify credit terms should the Buyer's credit standing not meet the Seller's acceptance. A service charge of 1.5% per month on the unpaid balance will be charged on all overdue monies payable. Buyer shall not assign or transfer their contract or any interest in it, or monies payable under it, without the written consent of Seller and any assignment made without such consent shall be null and void. Buyer agrees to pay all collection costs and costs of suit, including reasonable attorney fees, in the event Seller institutes collection action for overdue account. Seller expressly reserves all available lien rights in connection with any transaction between the parties.

**CREDIT:** Required with each order is the necessary credit information including bank reference, bonding company, or other necessary information with complete names, addresses, phone numbers, personal references, account and/or bond numbers.

**SHIPMENTS:** Delivery and shipping times are our best estimate and do not include time to transfer the products on order, and to accept order. We are not liable for delay that is beyond our control or caused by: an accident; riots; insurrections; national emergency; labor disputes of every kind however caused; embargoes; non-delivery by suppliers; delays of carriers or postal authorities; or governmental restrictions, prohibitions, or requirements. Regardless of the cause, we will not accept any penalty for shipping beyond the date specified in the contract.

**APPROVALS:** Buyer is responsible for obtaining engineers or owners approval on products. The Seller in this proposal represents only that products are as described. The Seller does not warrant that the products described will meet engineers or owners approval, or that products meet specification.

**OCCUPATIONAL SAFETY AND HEALTH ACT of 1970 -** We do not warrant or represent that any of our products by themselves or in a system or with other equipment will conform to or comply with the provisions of the Occupational Safety and Health Act of 1970 and the standards and regulations issued thereunder, or any other federal, state, or local law or regulation of the same or similar nature.

**LIABILITY:** Notwithstanding any liabilities or responsibilities assumed by Seller hereunder, Seller shall in no event be liable for lost profit, downtime, operating or maintenance costs or for any other special, indirect or consequential damages.

**CANCELLATION:** The Buyer may cancel his order only upon written notice and payment to Seller of reasonable cancellation charges specified by Seller.

**INSURANCE:** Buyer shall provide and maintain for Seller's benefit, insurance on said equipment against loss from fire, wind, water or other causes with insurance companies legally authorized to do business where said equipment is located in an amount at least equal to the value of said equipment until the equipment is accepted and paid for in full. In no case does the purchase price, even if inclusive of freight, cover the cost of insurance beyond the point of delivery specified in this Proposal.

**WARRANTY:** Whitney Equipment Company, Inc. makes no warranties on any products sold, provided however that the buyer shall have whatever warranty, if any, made by the manufacturer of the products sold. Whitney Equipment Co., Inc. expressly excludes from any warranty any and all charges, labor or otherwise, for installation, removal, reinstallation, shipping, utilities, equipment rental, other required materials, or any other items. The parties agree that the buyer's sole and exclusive remedy, if any, against the Seller shall be against the manufacturer as provided herein. The buyer agrees that no other remedy (including, but not limited to, incidental or consequential damages for lost profits, lost sales, down time, operating or maintenance costs, injury to persons or property, or any other special, indirect, incidental or consequential loss) shall be available to buyer.

**THE WARRANTY AND THE LIMITATION OF REMEDIES SET FORTH HEREIN ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES AND REMEDIES. WHITNEY EQUIPMENT CO., INC. MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED WARRANTIES OF MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE.**

**MERGER CLAUSE:** The Seller's salesman may have made oral statements about the merchandise described in this contract. Such statements do not constitute warranties, shall not be relied on by the buyer, and are not part of the contract for sale. The entire contract is embodied in this writing. This writing constitutes the final expression of the parties' agreement, and it is a complete and exclusive statement of the terms of that agreement.

**PRICE:** The prices specified are in U.S. currency, payable free of all expense to the Seller for collection charges. Prorated payment shall be made for partial shipments.

**CHANGES:** We reserve the right to make changes and to substitute other material as needed to make shipment and fulfill the contract.

**ERRORS:** Seller reserves the right to correct clerical or stenographic errors or omissions.

**GOVERNING LAWS:** The terms of this agreement and all rights and obligations hereunder shall be governed by the laws of the State of Seller's office to which this order has been submitted.

**INSPECTION:** Buyer shall inspect Seller's Products upon receipt, and if Buyer's inspection reveals any defects in the Products, Buyer shall notify the Seller within three (3) days after receipt of the Products of any claim Buyer might have concerning such defects in the Products discovered by Buyer. Buyer's failure to notify Seller within such a three (3) day period shall constitute a waiver by Buyer of all claims covering such defects in the Products.

**NOT INCLUDED:** We do not include any item not specifically listed as included and specifically do not include freight, haulage, unloading, freight claims, installation, erection, concrete, grout, water, utilities, lubricating grease and oil, power, tools, labor, controls, conduit, wiring, meters, main disconnects, piping,

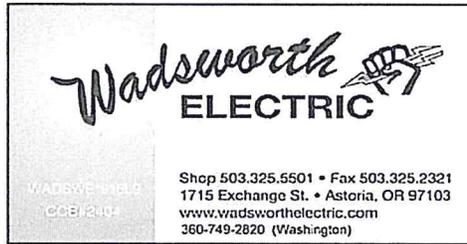
valves, fittings, gaskets, hardware, freight, taxes, covers, field paint, insurance, testing, royalties, maintenance, operation, erection supervision, transportation, anchor bolts, welding rod.

**FREIGHT:** Prices quoted are F.O.B. point of manufacture and do not include freight unless specifically listed as included. Title passed to the Buyer when the Products are transferred to the carrier and all freight claims are the responsibility of the Buyer. We will attempt to follow your shipping instructions, but are not responsible for actions and delays of the carrier or alter-carriers.

**BACKCHARGES** will not be accepted unless approved by Seller, in writing, before any work is done.

**DELAYS:** Price and terms and conditions are subject to revision if manufacture is not released at time of order placement or drawings for approval are not returned within 30 days from receipt by customer, or manufacture is released and subsequently held or delayed by the customer for more than 30 days, or customer requests longer than quoted shipment.

**DECOMPOSITION AND WEAR:** Decomposition by chemical action and wear caused by the presence of abrasive materials shall not constitute defects.



City of Ilwaco  
ATTN: Warren Hazen  
Ilwaco, WA

February 26, 2014

RE: Cape D and N. Head Sewer Lift Station Meg Testing, Analysis, and Recommendations

Mr. Hazen,

Again we thank you for being our customer and for your business. Testing and maintenance was recently completed on motors in the two referenced lift stations. Our findings, data analysis and recommendations are below.

Four 30 HP motors in these lift stations were tested with a meg ohm meter to determine wear and remaining useful life span of the motors in these two stations. We found severe wear in two of the four motors and recommend you add the replacement of these motors to your immediate maintenance schedule and budget. The other two were not as severe, but testing indicated that they will be at the end of their usable life within the year, at the current usage rate.

At time of replacement we also recommend that you budget to have variable frequency drives matched to the motors and commission those when the motors are replaced. This will add longevity to new motors by (1) conditioning incoming power and (2) reducing damaging load from the high head pressure at the sites, as well as increase energy efficiency and save money on power usage.

Due to discoloration on the wire and equipment, it appears that gas is infiltrating the space. A second recommendation would be to seal and condition the space that houses the equipment to prevent gas entering and damaging the equipment. This would require replacing existing louvers with motorized louvers and connecting to the generator controls, an automatic control for the exhaust fan, and possibly adding another fan to pressurize the building and gasketing doors and sealing cracks to prevent gas infiltration or air leakage.

Thank you again for your patronage. Please let us know if there are other needs that we can meet to make your facility more successful.

Sincerely,  
Cassandra Liljenwall, Manager  
Wadsworth Electric

CITY OF ILWACO SMP — INVENTORY DATA SOURCES  
4.30.2014

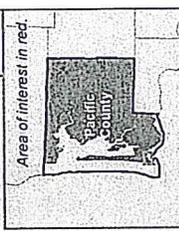
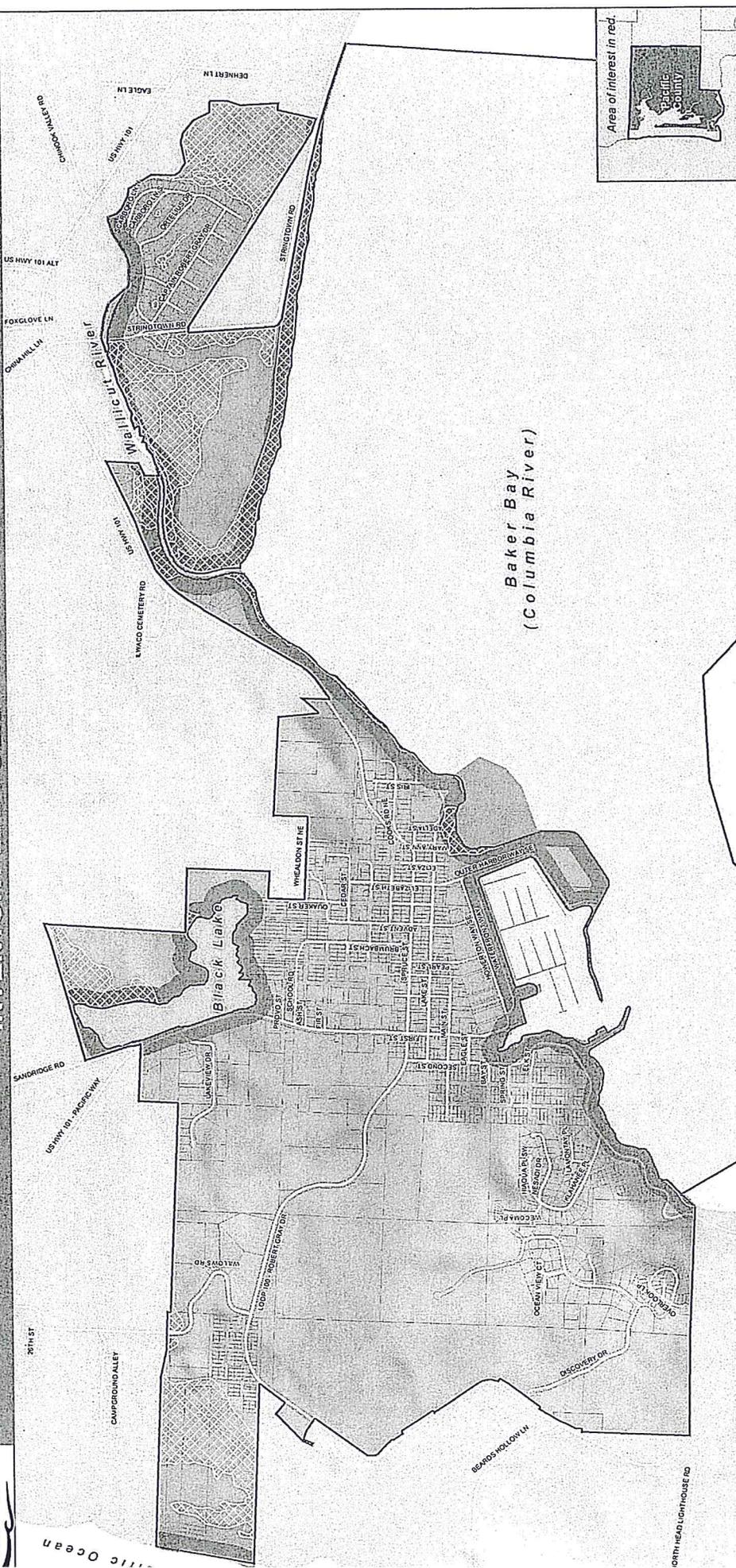
Layer Name	Dataset	Dataset source, date (if known)	Notes
Aquatic Land Parcels	Aquatic_Land_Parcels.shp	WA Dept of Natural Resources, 2014.	Provided by Pacific County.
Bald Eagle 1/8 Mile Nest Buffer	baldeagle_bf.shp	WA Dept of Fish and Wildlife, 2013.	Provided by Pacific County.
Boat Launch	Pac_Co_Boat_Launches.shp	WA State Recreation and Conservation Office, 2009	Provided by Pacific County.
Chum Salmon, Coho Salmon, Steelhead Trout	fishdist_sv.shp	WA Dept of Fish and Wildlife, 2013.	Provided by Pacific County.
City Limit	City_Limits_Lines.shp	Pacific County	
City Park	Ilwaco_parks.shp	The Watershed Company, 2014.	Based on the City of Ilwaco Parks, Trails & Natural Areas Plan (2014). Derived from Pacific County parcel data.
Current Land Use	Current_Land_Use.shp	Pacific County, 2014	
Ecology Permitted Sites	Ecology_Regulated_Facilities.shp	WA Dept of Ecology	Dataset shows the locations of Ecology's regulated facilities and provides basic information about their operation and/or business characteristics. Dataset provided by Pacific County.
Ecology Permitted Sewage Sites	WA_DOE_Permitted_Sewage_Sites.shp	WA Dept of Ecology	Provided by Pacific County.
Existing Environmental Designations	Environmental_Designations.shp	UW Olympic Natural Resources Center, 2013	
Faults	Faults.shp	WA Dept of Natural Resources	Provided by Pacific County.
Fill	CREEC_Cultural_Features	US Geological Survey, 2010.	Columbia River Estuary Ecosystem Classification, Cultural Features.
Hydrology (Water Type)	DNR_All_Types.shp	WA Dept of Natural Resources, 2006 (edited by Pacific County Public Works in 2014)	Provided by Pacific County.
Ilwaco Sewer Lines	Ilwaco_Sewer_Lines.shp	Pacific County	
Individual Water Well	Water_Well_Logs.shp	Pacific County	
Jetty/Groin	CREEC_Cultural_Features	US Geological Survey, 2010	Columbia River Estuary Ecosystem Classification, Cultural

Layer Name	Dataset	Dataset source, date (if known)	Notes
Land Cover	Wa_2011_ccap_land_cover.img	National Oceanic and Atmospheric Administration, 2011	Features. This dataset utilized 20 full or partial Landsat scenes which were analyzed according to the Coastal Change Analysis Program (C-CAP) protocol to determine land cover.
Land Parcel Ownership	Tax_Lots.shp	Pacific County, 2014	Downloaded March, 26 2014.
Levee	Levee_Lines	Lower Columbia Estuary Partnership, 2012.	
Marbled Murrelet Presence	ws_mmdetsect.shp	WA Dept of Fish and Wildlife, 2013.	Provided by Pacific County.
Net Shore Drift	driftcell.shp	WA Dept of Ecology	Provided by Pacific County.
NPDES Permitted Locations	NPDES.shp	WA Dept of Ecology	Provided by Pacific County.
Other Wetland	NWI.shp	National Wetland Inventory, 2011.	Potentially associated wetlands are a subset of the dataset.
Overwater Structures	Shoreline_Features_04_23_08.shp	Lower Columbia Estuary Partnership, 2006.	
Pacific Northwest Basin-fill Aquifers	Aquifers_Pac_Co.shp	US Geological Survey, 1998	Provided by Pacific County.
Percent Impervious	wa_2006_impervious.img	US Geological Survey, 2006	Provided by Pacific County.
Pillings	Shoreline_Features_04_23_08.shp	Lower Columbia Estuary Partnership, 2006.	
Potentially Associated Wetland	Assoc_wetland_NWI	National Wetland Inventory (edited by The Watershed Company), 2011.	Potentially associated wetlands are a subset of the dataset.
Preliminary Shoreline Jurisdiction	Shoreline_jurisdiction	The Watershed Company, 2014	Boundaries of shoreline jurisdiction are based on OHWMs of SMP shorelines and waterbody (Black Lake). SMP shorelines are derived from ONRC Pacific County SMA Hydrological Delineations of 2011, Combined Shoreline of 2013, NHD dataset of 2013, and heads-up digitization based on 2013 NAIP aerial. SMP waterbody is derived from NWI data of 2011 and adjusted based on 2013 NAIP aerial.

Layer Name	Dataset	Dataset source, date (if known)	Notes
Priority Habitats and Species Regions	phsregion_sv.shp	WA Dept of Fish and Wildlife, 2013.	Provided by Pacific County.
Shellfish Recreational Beach	Shellfish_Beaches.shp	WA Dept. of Ecology, 2011	Provided by Pacific County.
Shellfish Resources	shellfish_summary.shp	WA Dept of Fish and Wildlife, 2013.	Provided by Pacific County.
Shoreline Public Access	Shoreline_Public_Access.shp	WA Dept of Ecology, 2011	Provided by Pacific County.
Shoreline Type	Shorezone_Lines.shp	WA Dept of Natural Resources	Provided by Pacific County.
Slope Stability	Slope_Stability.shp	WA Dept of Natural Resources	Provided by Pacific County.
SMP Waterbody	smp_waterbody	The Watershed Company, 2014	Dataset is a compilation of ONRC, NHD, and NWI data, as well as heads-up digitization using 2013 NAIP aerial imagery.
Soil Title	DNR_Soils.shp	WA Dept of Natural Resources	Provided by Pacific County.
Trail	Trails.shp	Pacific County, 2014.	Currently being updated.
Tsunami Inundation	Tsunami_Inundation_Areas.shp	WA Dept of Natural Resources, 2010	Provided by Pacific County.
Washington State Park	State_Parks_Ilwaco	WA State Parks, 2014	Provided by Washington State Parks.
Wastewater Facilities	Wastewater_Facilities.shp	Pacific County	
Water Quality 305b List	305b_Category_1_5.shp	WA Dept of Ecology, 2013.	Category 4 represents segments impaired by causes that cannot be addressed through a TMDL. Category 5 represents polluted waters that require a TMDL. Category 5 represents the 303(d) list, the traditional list of impaired water bodies. Dataset provided by Pacific County.
Zoning	zoning_2013.shp	City of Ilwaco, 2013	
100-year Floodplain	S_FLD_HAZ_AR.shp	Federal Emergency Management Agency, 2013	DFIRM data is preliminary. Provided by Pacific County.



# CITY OF ILWACO INVENTORY MAPFOLIO - COVER



**Data sources:**

- SMP Waterbody NWI, NHD, ONRC, TWC
- Preliminary Shoreline Jurisdiction TWC
- Potentially Associated Wetland NWI
- City Limit PC
- USGS - US Geological Survey
- WDFW - Washington Department of Fish and Wildlife
- WSP - Washington State Parks
- TWC - The Watershed Company

**Table of Contents:**

- Figure 1. Preliminary Shoreline Jurisdiction
- Figure 2. Zoning Districts
- Figure 3. Existing Environment Designations
- Figure 4. Current Land Use
- Figure 5. Land Ownership
- Figure 6. Public Access
- Figure 7. Sanitary Sewer and Septic Systems
- Figure 8. Surface Water System
- Figure 9. Impervious Surfaces
- Figure 10. Soil Survey
- Figure 11. Land Cover
- Figure 12. Aquifers and Wells
- Figure 13. Geologic Hazards
- Figure 14. 100-year Floodplain and Wetlands
- Figure 15. Priority Habitats and Species
- Figure 16. Shoreline Modifications and Water Quality
- Figure 17. Ecology Permitted Sites
- Figure 18. Net Shore Drift

**Original Scale=1:14,500 @ 11 x 17 layout.**

**THE WATERSHED COMPANY** Submitted Date: 4/30/2014

*As features depicted on this map are approximate. They have not been formally delineated or surveyed and are intended for planning purposes only. Additional site-specific evaluation may be needed to confirm/verify information shown on this map.*

**Scale:** 0 1,000 2,000 Feet

**Original Scale=1:14,500 @ 11 x 17 layout.**

**THE WATERSHED COMPANY** Submitted Date: 4/30/2014

*As features depicted on this map are approximate. They have not been formally delineated or surveyed and are intended for planning purposes only. Additional site-specific evaluation may be needed to confirm/verify information shown on this map.*

**Table of Contents:**

- Figure 1. Preliminary Shoreline Jurisdiction
- Figure 2. Zoning Districts
- Figure 3. Existing Environment Designations
- Figure 4. Current Land Use
- Figure 5. Land Ownership
- Figure 6. Public Access
- Figure 7. Sanitary Sewer and Septic Systems
- Figure 8. Surface Water System
- Figure 9. Impervious Surfaces
- Figure 10. Soil Survey
- Figure 11. Land Cover
- Figure 12. Aquifers and Wells
- Figure 13. Geologic Hazards
- Figure 14. 100-year Floodplain and Wetlands
- Figure 15. Priority Habitats and Species
- Figure 16. Shoreline Modifications and Water Quality
- Figure 17. Ecology Permitted Sites
- Figure 18. Net Shore Drift



CITY OF ILWACO

**FIGURE 1. PRELIMINARY SHORELINE JURISDICTION**



- 1 Preliminary Shoreline Jurisdiction 1 TWC
- 2 Potentially Associated Wetland 2 NWI
- 3 100-year Floodplain 3 FEMA
- 4 City Limit 4c

**Notes:**  
 1 Boundaries of shoreline jurisdiction are based on OhWMs of SMP shorelines and waterbody (Black Lake). SMP shorelines are derived from ONRC Pacific County SMA Hydrological Delineations of 2011. Combined Shoreline of 2013, NHD dataset of 2013, and heads-up digitization based on 2013 NAIP aerial. SMP waterbody is derived from NWI data of 2011 and adjusted based on 2013 NAIP aerial.  
 2 All wetlands are derived from NWI data of 2011 and have not been field verified.  
 3 FEMA preliminary DFIRM flood data of 2013 provided by Pacific County.

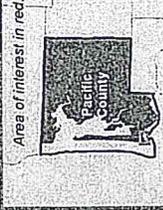
**Data sources:**  
 FEMA - Federal Emergency Management Agency  
 NHD - USGS National Hydrologic Dataset  
 NWI - USFWS National Wetlands Inventory  
 ONRC - University of Washington Olympic Natural Resources Center  
 PC - Pacific County  
 TWC - The Watershed Company  
 Aerial background from USDA NAIP Imagery of 2013

0 1,000 2,000 Feet

Original Scale = 1:14,500 @ 11 x 17 layout.



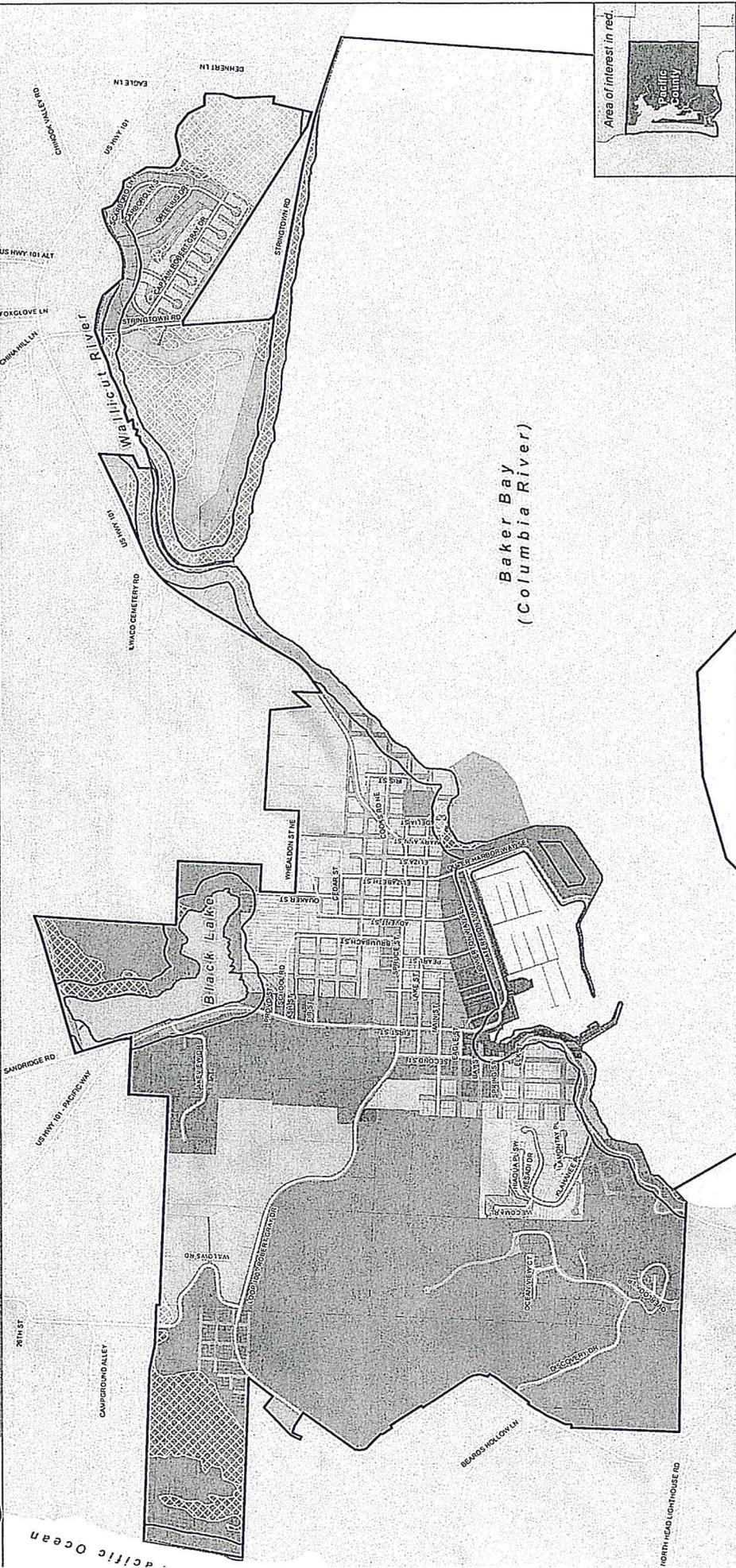
Submital Date: 4/30/2014  
 All features depicted on this map are approximates. They have not been formally delineated or surveyed and are intended for planning purposes only. Additional site-specific evaluation may be needed to confirm/verify information shown on this map.





CITY OF ILWACO

# FIGURE 2. ZONING DISTRICTS



**Legend:**

- R - 1 Single Family Residential
- R - 1S Single Family Residential - Manufactured
- R - 2 Multi-Family Residential
- R - 3 Resort Residential
- R - 4 Recreational Residential
- R - 5 Recreation
- C - 1 Core Commercial
- C - 2 Low-Density Commercial
- P - Park
- M - 1 Light Industrial
- SMP Waterbody NHD, NWI, OHRC, TWC
- Preliminary Shoreline Jurisdiction TWC
- Potentially Associated Wetland NWI
- City limits PC

**Notes:**

- <sup>1</sup> City of Ilwaco zoning, 2013

**Data sources:**

Refer to mapfolio coversheet for source abbreviations.

**Scale:** 0 1,000 2,000 Feet

**Original Scale:** 1:14,500 @ 11 x 17 layout.

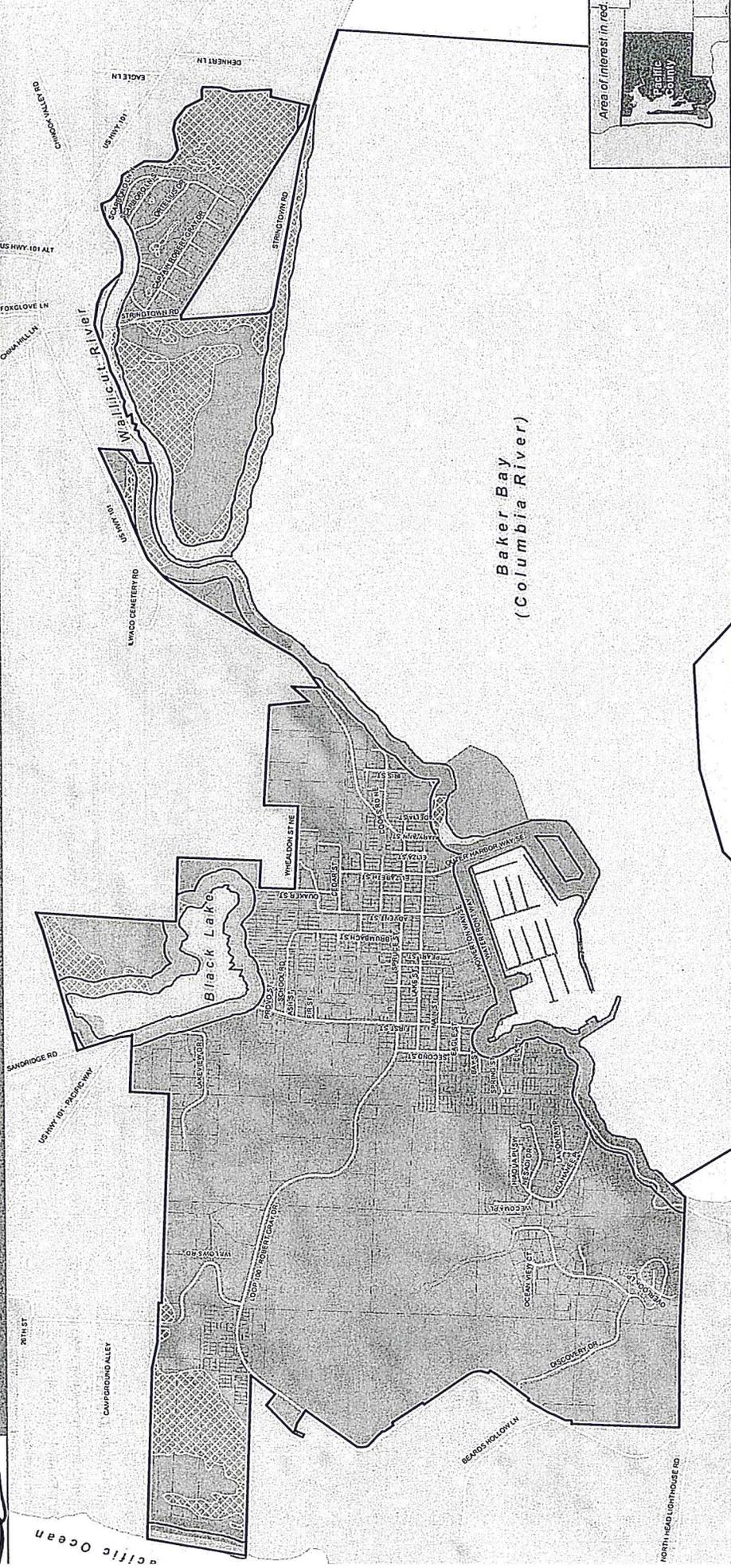
**THE WATERSHED COMPANY** *Submitted Date: 4/20/2014*

All features depicted on this map are approximate. They have not been formally delineated or surveyed and are intended for planning purposes only. Additional, site-specific, evaluation may be needed to confirm verify information shown on this map.



CITY OF ILWACO

# FIGURE 3. EXISTING ENVIRONMENT DESIGNATIONS



Original Scale=1:14,500 @ 11 x 17 layout.

THE WATERSHED COMPANY  
 Submittal Date: 4/30/2014

Area of interest in red

**Notes:**  
 1 Existing Environment Designations created by ONRC in 2013, based on existing SMP designations, provided by Pacific County.

**Data sources:**  
 Refer to maplole coversheet for source abbreviations.

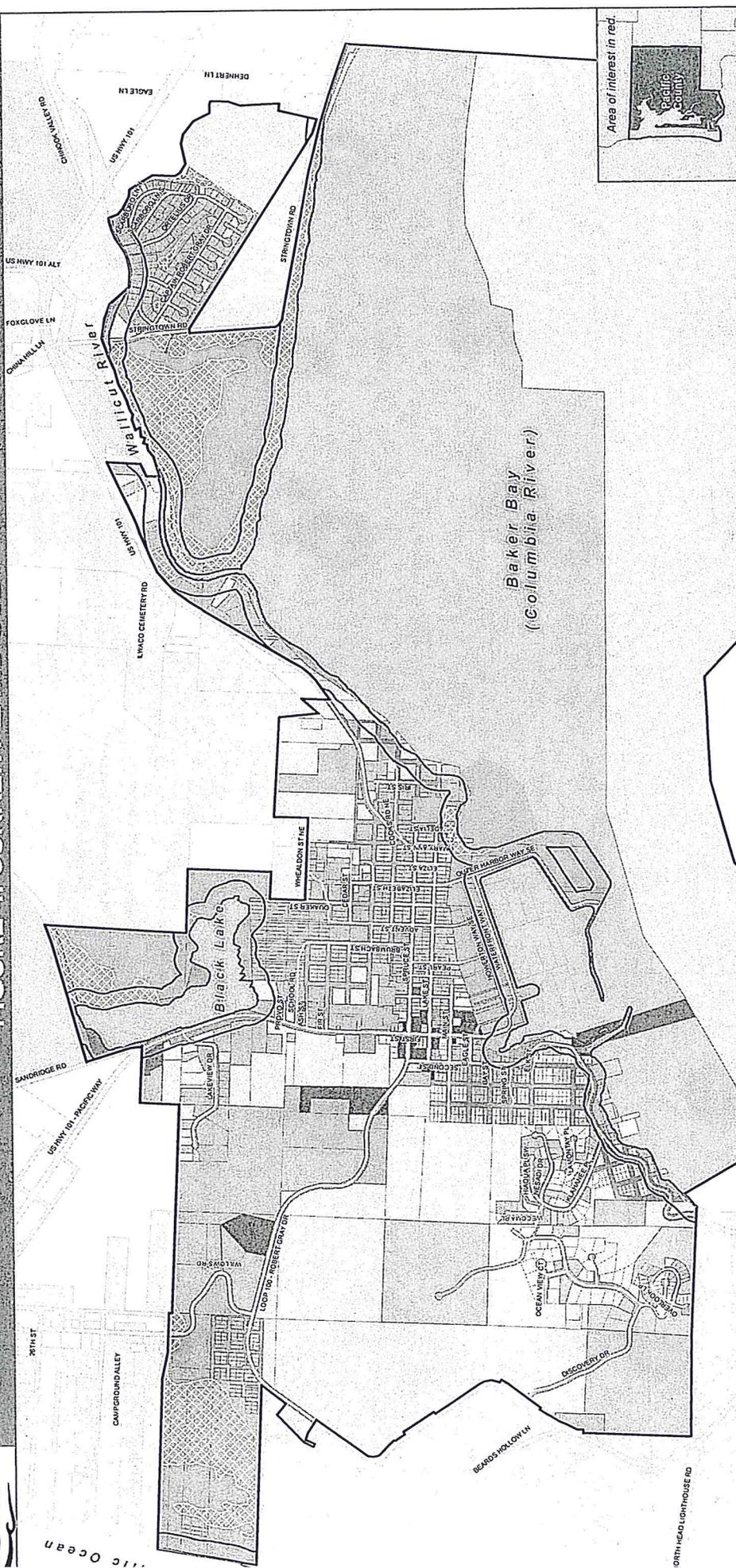
- Existing Environmental Designations <sup>1</sup> ONRC
- Conservancy (C)
- Natural (N)
- Rural (R)
- Urban
- SMP Shoreline <sup>1</sup> NHD, RWI, ONRC, TWC
- Preliminary Shoreline Jurisdiction TWC
- Potentially Associated Wetland <sup>1</sup> WW
- City Limit <sup>1</sup> PC

As features depicted on this map are approximate. They have not been formally delineated or surveyed and are intended for planning purposes only. Additional site-specific evaluation may be needed to confirm/verify information shown on this map.



CITY OF ILWACO

# FIGURE 4. CURRENT LAND USE



**Current Land Use 1<sup>pc</sup>**

- | Agricultural and Maniculture
- | Cultural, Entertainment, and Recreational
- | Designated Forest Land and Open Space
- | Exempt
- | Not Classified

**Others**

- | Residential
- | Services
- | Trade
- | Undeveloped Land and Open Space

**Water and Wetland**

- | SMP Waterbody <sup>NHD, NWI, ONRC, TWC</sup>
- | Preliminary Shoreline Jurisdiction <sup>TWC</sup>
- | Potentially Associated Wetland <sup>NWI</sup>
- | City Limit <sup>PC</sup>

**Notes:**

- 1 Land use classification derived from 2014 Pacific County parcel data.

**Data sources:**

Refer to maplotto coversheet for source abbreviations.

**Scale:** 0 1,000 2,000 Feet

**Original Scale:** 1:14,500 @ 11 x 17 layout.

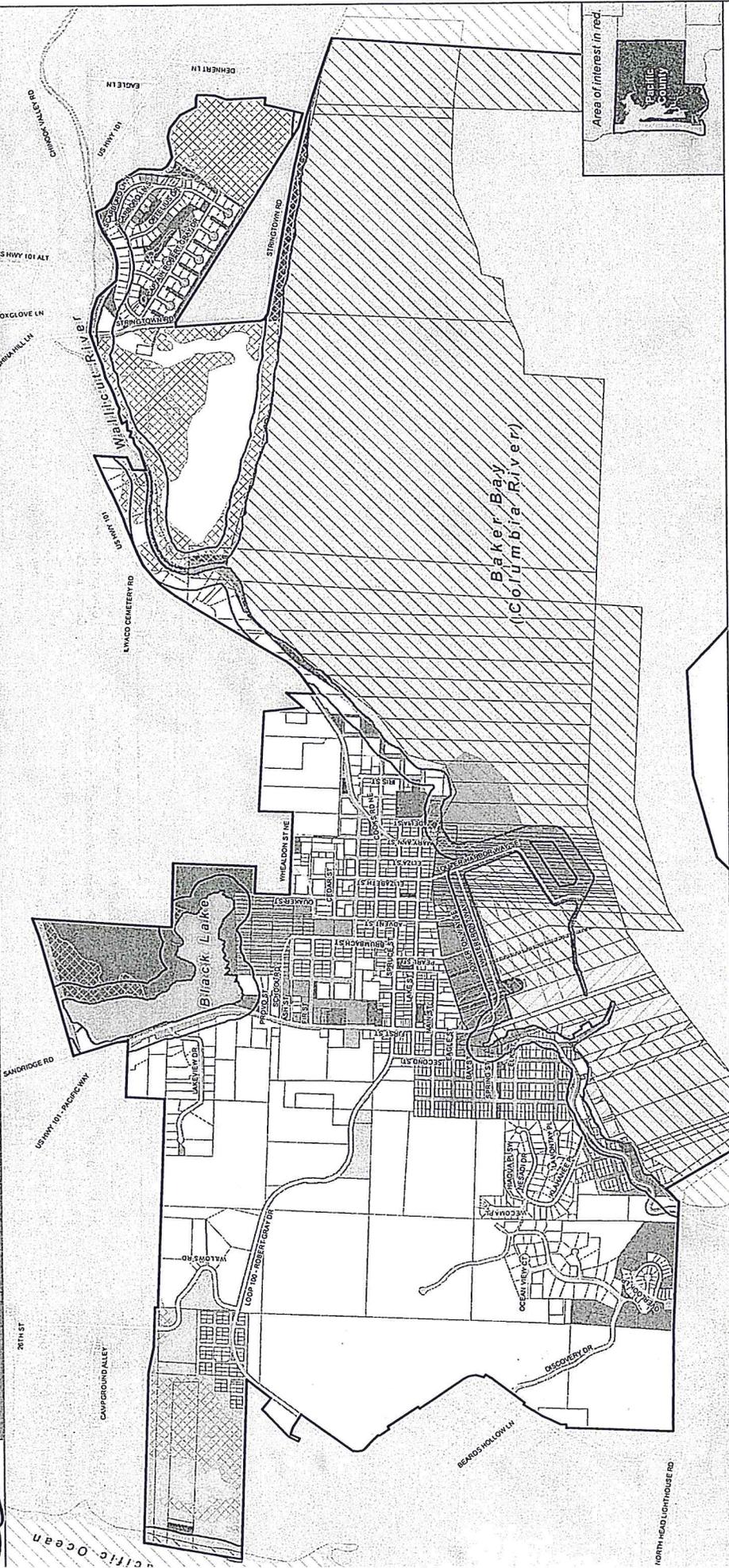
**THE WATERSHED COMPANY**      **Submitter Date:** 4/20/2014

*As features depicted on this map are approximate. They have not been formally delineated or surveyed and are intended for planning purposes only. Additional site-specific evaluation may be needed to confirm/verify information shown on this map.*



CITY OF ILWACO

# FIGURE 5. LAND OWNERSHIP



**and Parcel Ownership 1 PC**

- City
- County
- Federal
- Port of Ilwaco

**Aquatic Land Parcels 2 DNR**

- City of Ilwaco
- Port of Ilwaco
- Private Ownership
- State of Washington

**Private**

- Public services
- State
- State - WA State Parks
- Unknown

**SMP Waterbody RHD, MW, DMRC, TWC**

- Preliminary Shoreline Jurisdiction TWC
- Potentially Associated Wetland MW
- City Limit PC

**Notes:**

- 1 Ownership derived from county parcel records of 2014.
- 2 The State of Washington's aquatic land ownership records, received in 2014 from Pacific County.

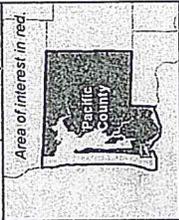
**Data sources:**  
Refer to mapinfo coversheet for source abbreviations.

0 1,000 2,000 Feet

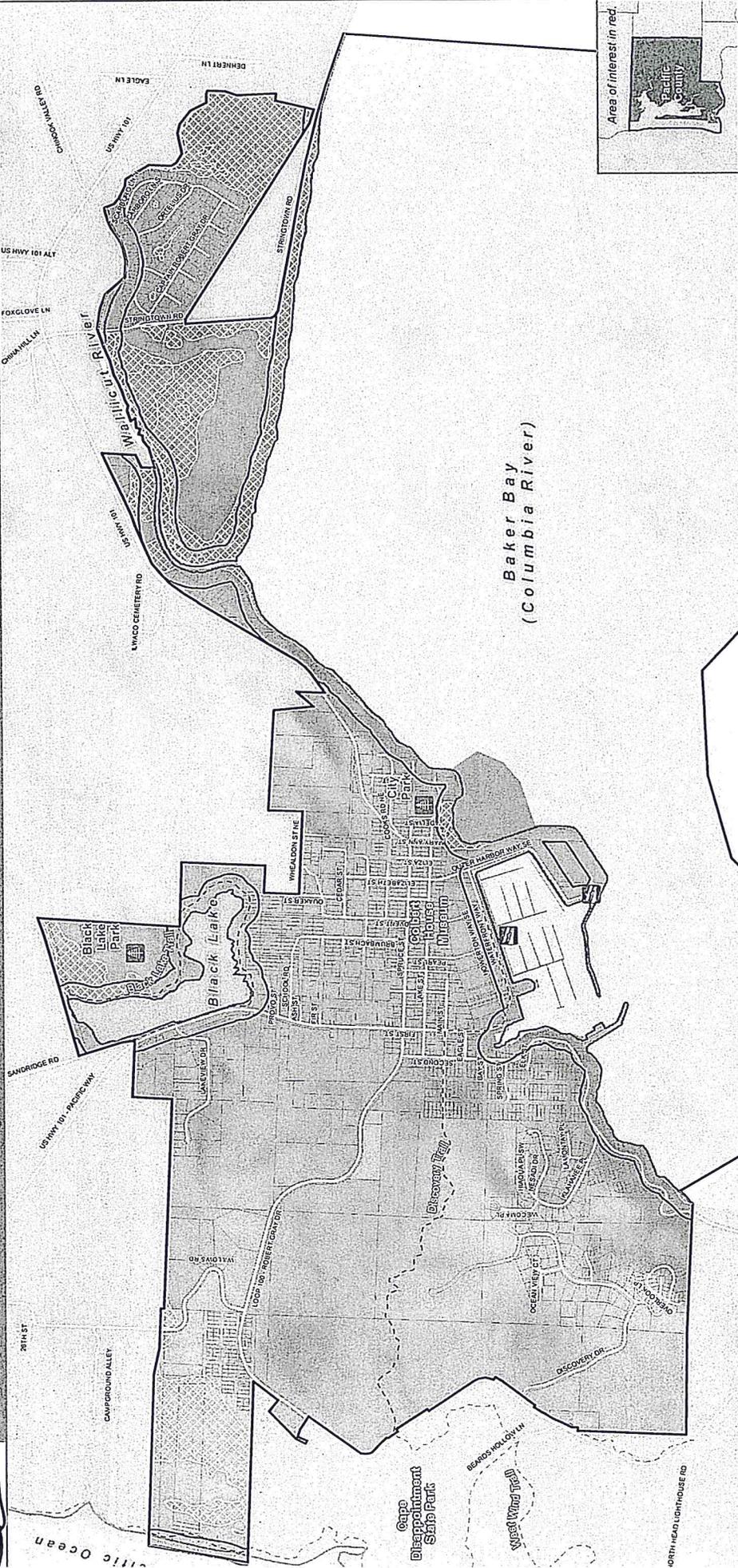
Original Scale: 1:14,500 @ 11 x 17 layout.

**THE WATERSHED COMPANY** Submittal Date: 4/30/2014

As features depicted on this map are approximates. They have not been formally delineated or surveyed and are intended for planning purposes only. Additional site-specific evaluation may be needed to confirm/verify information shown on this map.



# FIGURE 6. PUBLIC ACCESS



**Public Access**

- Public Access
- City Park TWC
- Boat Launch PC
- Washington State Park 1 WSP
- Trail PC
- Shellfish Recreational Beach 2 ECV
- Shoreline Public Access ECV

**Notes:**

- 1 WA State Parks Boundary of 2014.
- 2 2011 Department of Ecology data.

**Data sources:**  
Refer to mapolio coversheet for source abbreviations.

**Legend:**

- SMP Waterbody NHD, NWI, ONRC, TWC
- Preliminary Shoreline Jurisdiction TWC
- Potentially Associated Wetland NWI
- City Limit PC

**Scale:** 0 1,000 2,000 Feet  
Original Scale: 1:14,500 @ 11 x 17 layout.

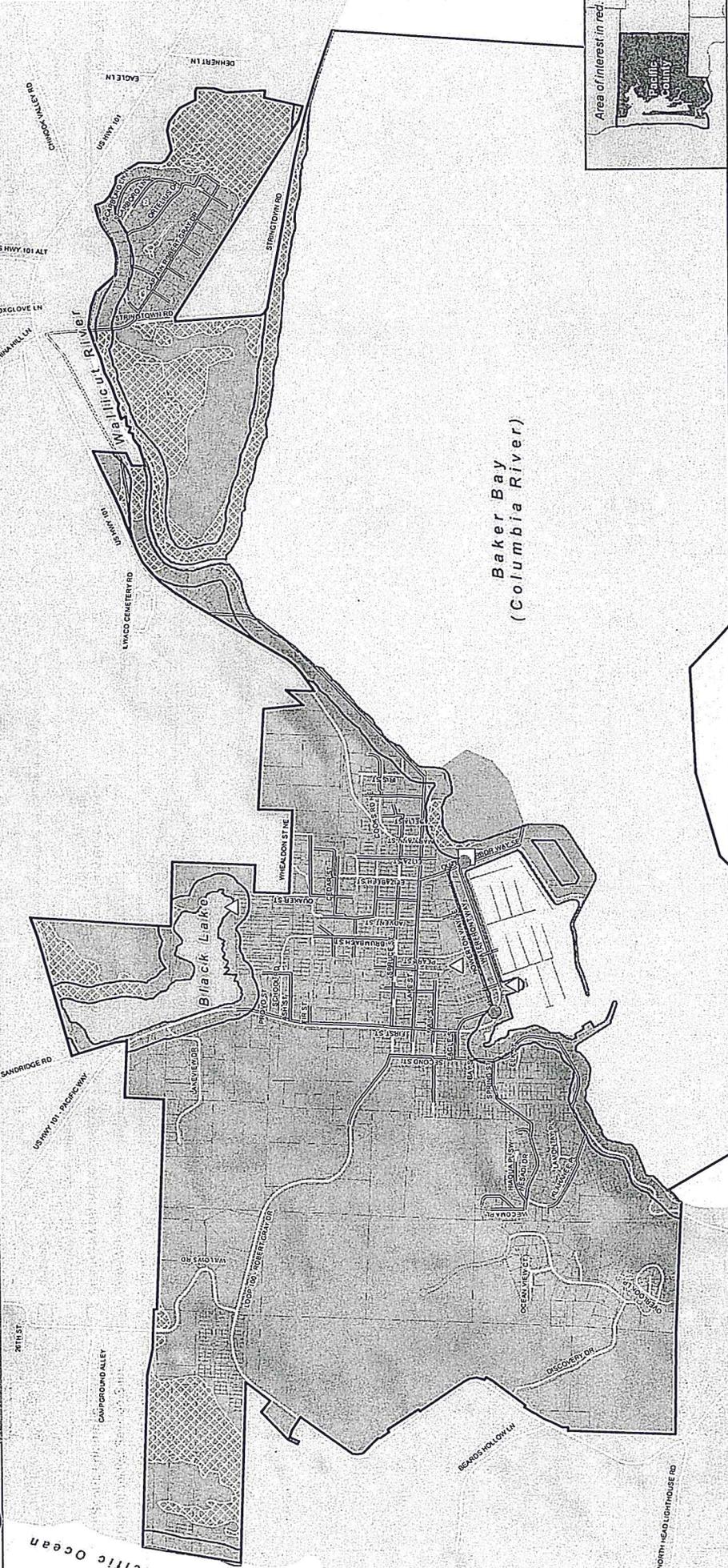
**THE WATERSHED COMPANY** Submittal Date: 4/30/2014

*All features depicted on this map are approximate. They have not been formally delineated or surveyed and are intended for planning purposes only. Additional site-specific evaluation may be needed to confirm verify information shown on this map.*



CITY OF ILWACO

# FIGURE 7. SANITARY SEWER AND SEPTIC SYSTEMS



**Notes:**

- 1 Utility data from various sources including: City, USGS, Department of Ecology, and WA State Parks. Various dates. Provided by Pacific County.
- 2 The discharge of pollutants into the state's surface waters is regulated through National Pollutant Discharge Elimination System (NPDES) permits, issued by Ecology.

**Data sources:**  
Refer to mapinfo coversheet for source abbreviations.

**Scale:** 0 1,000 2,000 Feet

**Original Scale:** 1:14,500 @ 11 x 17 layout.

**THE WATERSHED COMPANY**      *Submital Date: 4/30/2014*

*All features depicted on this map are approximate. They have not been formally delineated or surveyed and are intended for planning purposes only. Additional site-specific evaluation may be needed to confirm/verify information shown on this map.*

- ☐ SMP Waterbody NHD, NWI, OHRC, TWC
- ☐ Preliminary Shoreline Jurisdiction TWC
- ☐ Ecology Permitted Sewage Sites
- ☐ NPDES Permitted Locations<sup>2</sup>
- ☐ Wastewater Facilities
- ☐ Ilwaco Sewer Lines
- ☐ Potentially Associated Wetland NWI
- ☐ City Limit PC

**ewer and Septic Locations 1**

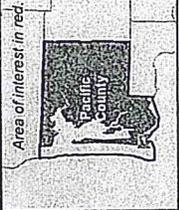
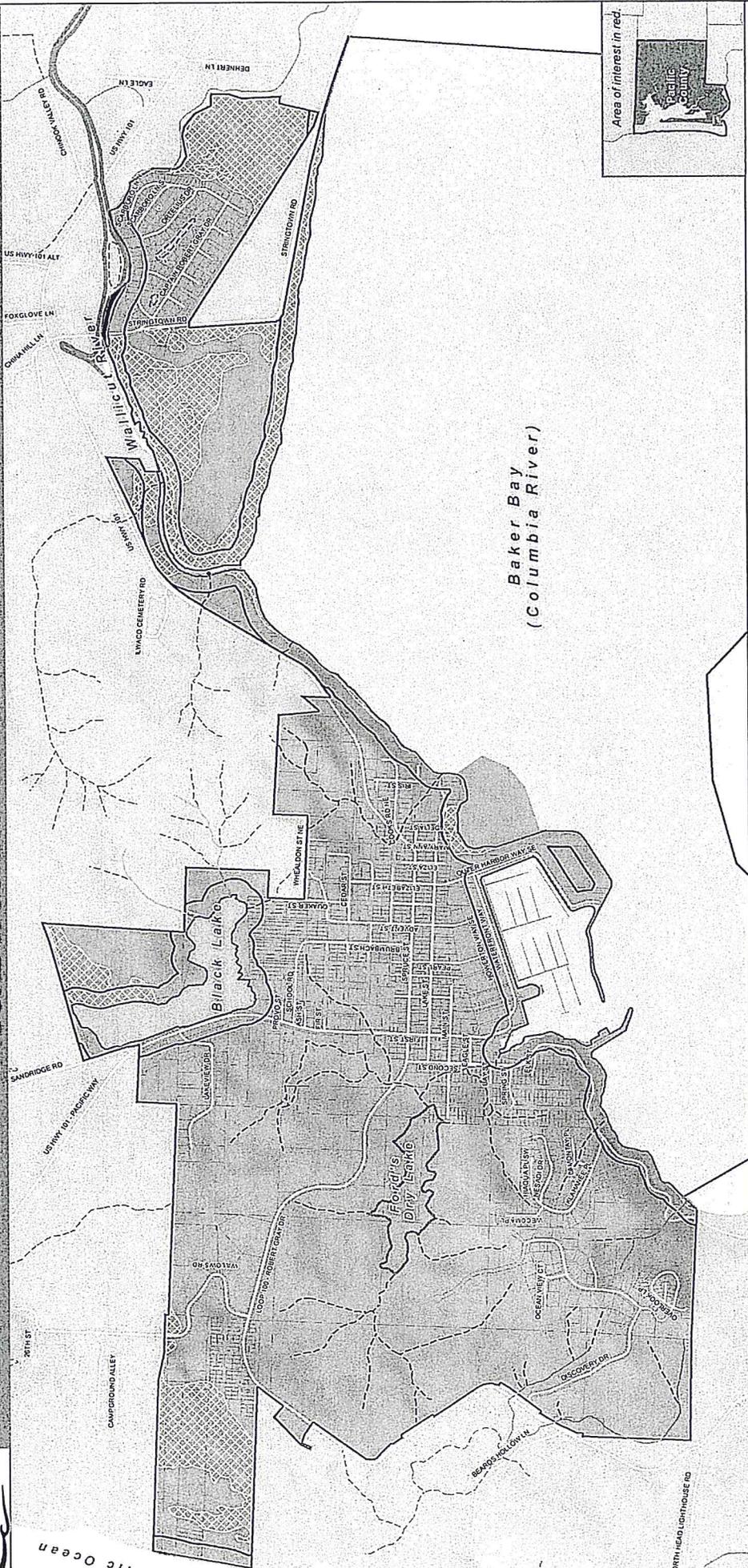


FIGURE 8. SURFACE WATER SYSTEM



**drology (Water Type) <sup>1</sup> DWR**  
 ~ Shorelines of the State  
 ~ Waters with high fish, wildlife, or human use  
 ~ Perennial non-fish habitat stream  
 ~ Seasonal non-fish habitat stream  
 ~ Unclassified water feature

**Legend:**  
 [ ] SMP Waterbody MHD, NWI, OHRC, TWC  
 [ ] Preliminary Shoreline Jurisdiction TWC  
 [X] Potentially Associated Wetland NW  
 [ ] City Limit PC

**Notes:**  
<sup>1</sup> Hydrology dataset created by Department of Natural Resources in 2006, edited by Pacific County Public Works in 2014, updated periodically.  
 Data sources:  
 Refer to mapinfo coversheet for source abbreviations.

**Scale:**  
 0 1,000 2,000 Feet  
 Original Scale: 1:14,500 @ 11 x 17 layout.

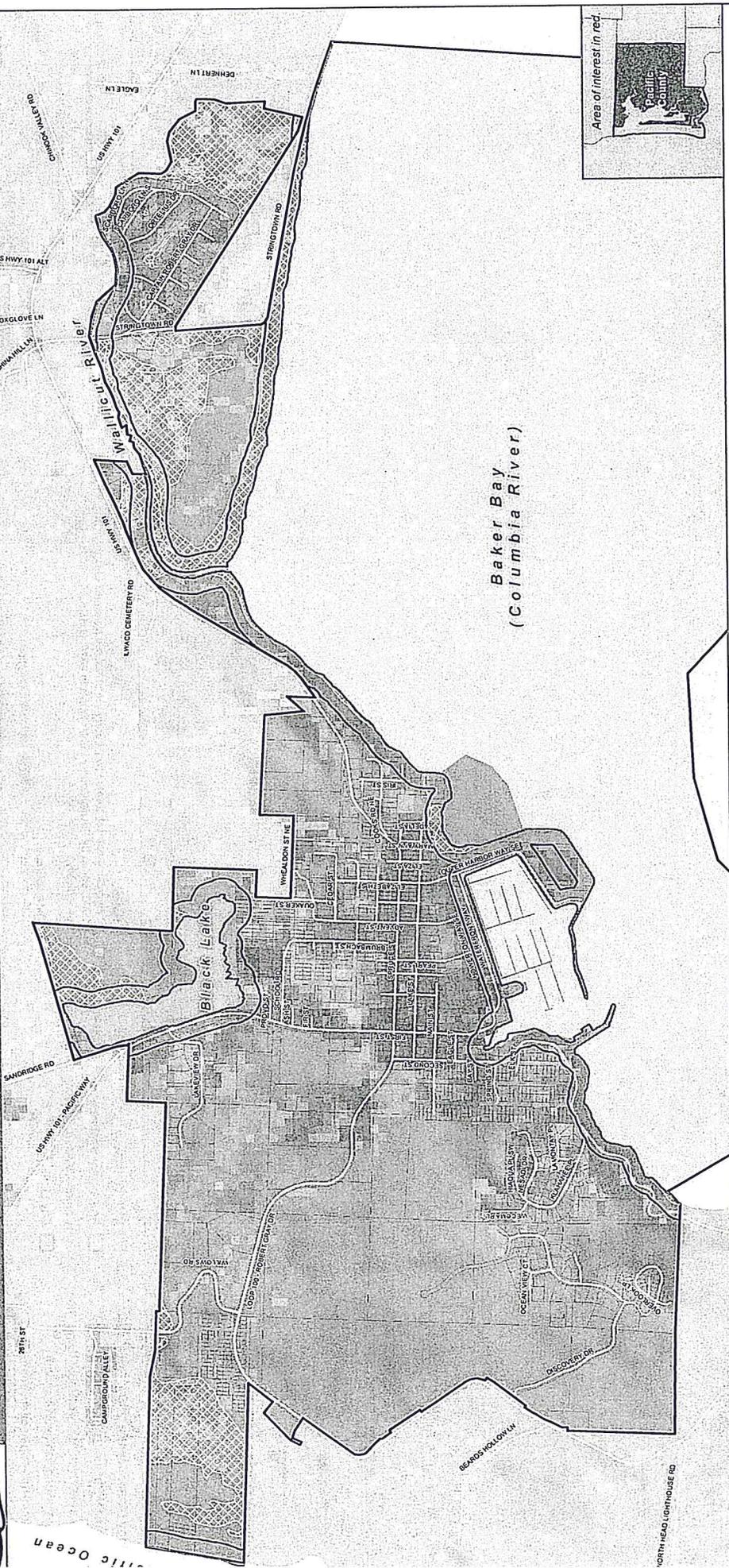
**THE WATERSHED COMPANY**  
 Submittal Date: 4/20/2014  
 All features depicted on this map are approximate. They have not been formally delineated or surveyed and are intended for planning purposes only. Additional site-specific evaluation may be needed to confirm/verify information shown on this map.

**Area of interest in red.**



CITY OF ILWACO

# FIGURE 9. IMPERVIOUS SURFACES



Scale: 0 1,000 2,000 Feet  
Original Scale=1:4,500 @ 11 x 17 layout.

**THE WATERSHED COMPANY**  
Submittal Date: 4/20/2014  
All features depicted on this map are approximate. They have not been formally delineated or surveyed and are intended for planning purposes only. Additional site-specific evaluation may be needed to confirm/verify information shown on this map.

**Notes:**  
1 National Land Cover Database of 2006 by U.S. Department of Interior and USGS. Percent impervious as defined by source agencies and may not be present at current mapping extent.

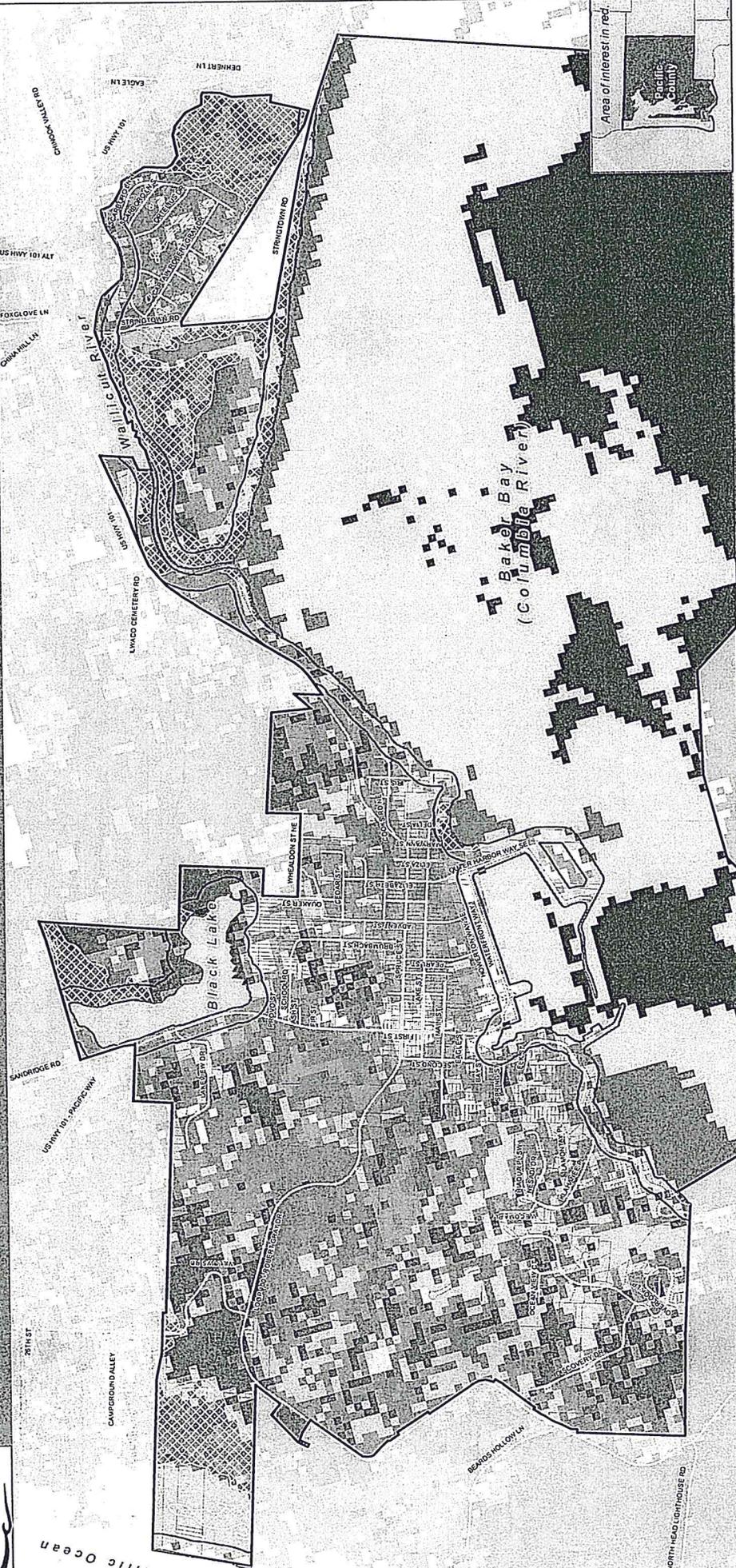
**Data sources:**  
Refer to mapinfo coversheet for source abbreviations.

- 100% Impervious
- 50% Impervious
- 0% Impervious
- SMP Waterbody (MID, NWI, ONRC, TWC)
- Preliminary Shoreline Jurisdiction (TWC)
- Potentially Associated Wetland (NW)
- City Limit (PC)



**CITY OF ILWACO**

**FIGURE 11. LAND COVER**



**Legend:**

<ul style="list-style-type: none"> <li>High Intensity Developed</li> <li>Medium Intensity Developed</li> <li>Low Intensity Developed</li> <li>Developed Open Space</li> <li>Cultivated</li> <li>Pasture/Hay</li> </ul>	<ul style="list-style-type: none"> <li>Grassland</li> <li>Deciduous Forest</li> <li>Evergreen Forest</li> <li>Mixed Forest</li> <li>Scrub/Shrub</li> <li>Palustrine Forested Wetland</li> <li>Palustrine Scrub/Shrub Wetland</li> </ul>	<ul style="list-style-type: none"> <li>Palustrine Emergent Wetland</li> <li>Estuarine Forested Wetland</li> <li>Estuarine Scrub/Shrub Wetland</li> <li>Estuarine Emergent Wetland</li> <li>Unconsolidated Shore</li> <li>Bare Land</li> <li>Water</li> </ul>	<ul style="list-style-type: none"> <li>Palustrine Aquatic Bed</li> <li>Estuarine Aquatic Bed</li> </ul>	<ul style="list-style-type: none"> <li>SMP Waterbody (NHD, NWI, OHRC, TWC)</li> <li>Preliminary Shoreline Jurisdiction (TWC)</li> <li>Potentially Associated Wetland (NW)</li> <li>City Limit (PC)</li> </ul>
--	---	--	---	---

**Scale:** 0, 1,000, 2,000 Feet

**Original Scale:** 1:14,500 @ 11 x 17 layout.

**THE WATERSHED COMPANY** Submittal Date: 4/30/2014

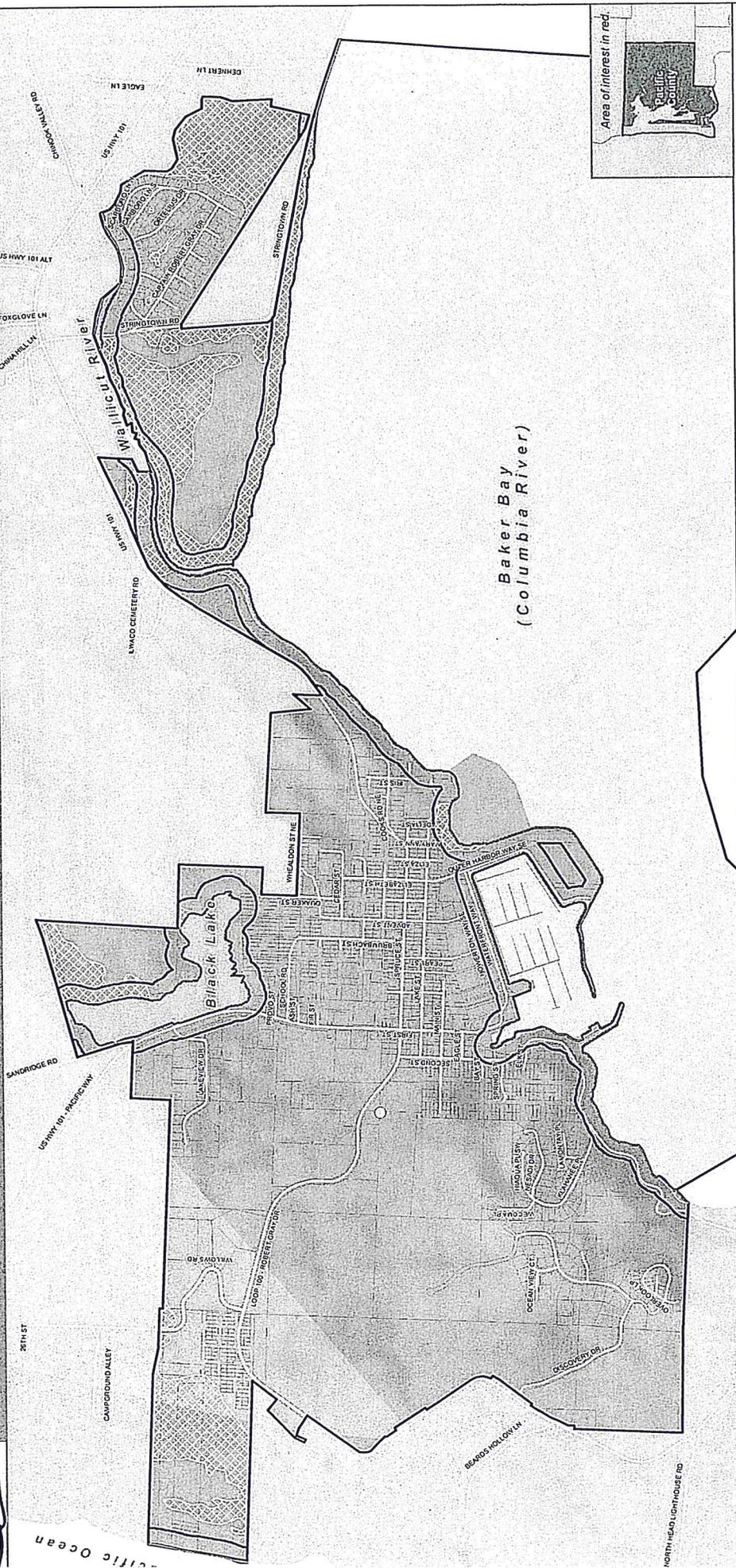
**Notes:**  
 1 This dataset is the 2011 classification of Washington. This dataset utilized 20 full or partial Landsat scenes which were analyzed according to the Coastal Change Analysis Program (C-CAP) protocol to determine land cover.

*As features depicted on this map are approximate. They have not been formally delineated or surveyed and are intended for planning purposes only. Additional site-specific evaluation may be needed to confirm/verify information shown on this map.*



CITY OF ILWACO

# FIGURE 12. AQUIFERS AND WELLS



0 1,000 2,000 Feet  
 Original Scale=1:14,500 @ 11 x 17 layout.  
 THE WATERSHED COMPANY  
 Submittal Date: 4/30/2014  
 All features depicted on this map are approximate. They have not been formally delineated or surveyed and are intended for planning purposes only. Additional site-specific evaluation may be needed to confirm verify information shown on this map.

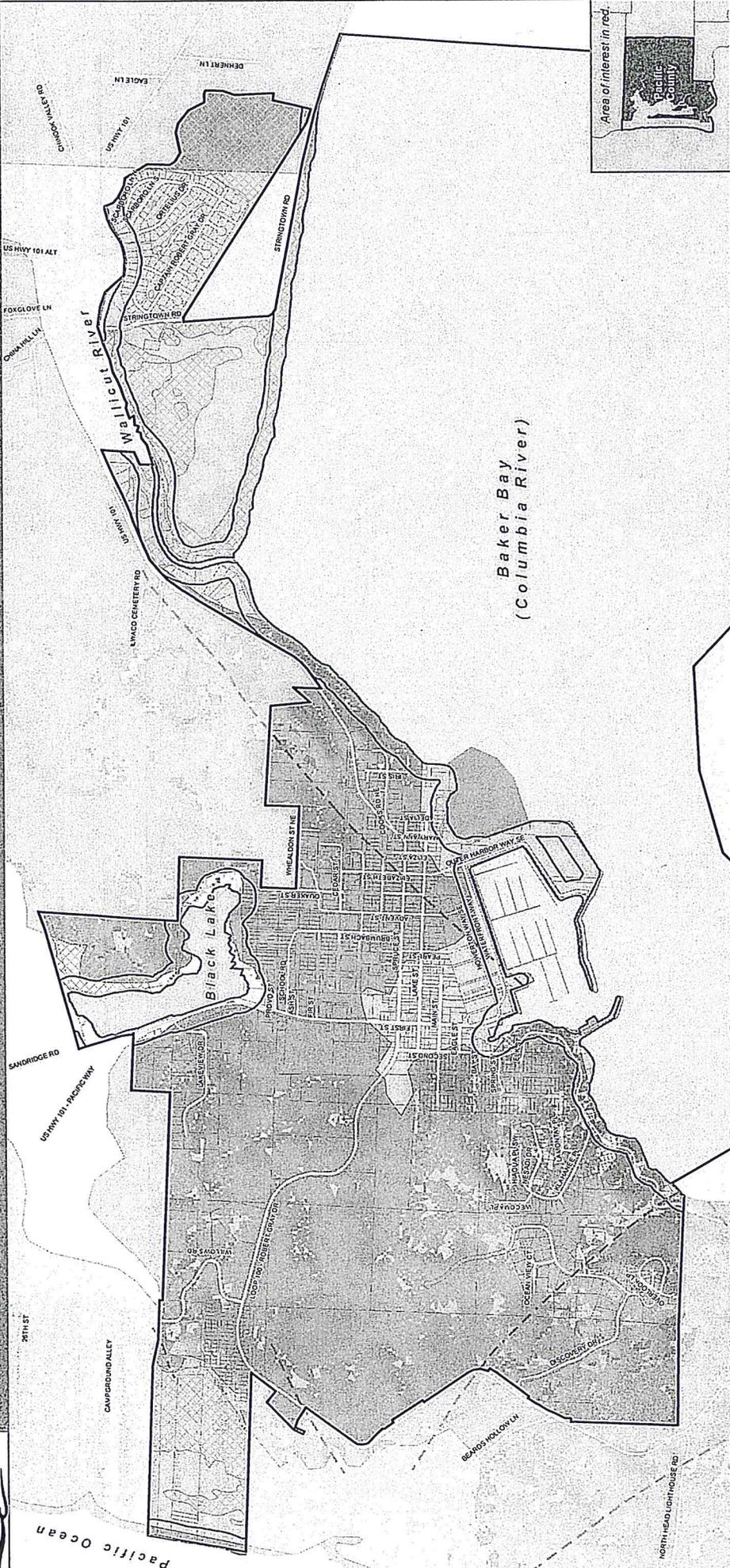
**Notes:**  
 1 USGS, 1998 - from "Principal Aquifers of the United States"  
**Data sources:**  
 Refer to mapidolo coversheet for source abbreviations.

- 1 Pacific Northwest basin-fill aquifers 1 usgs
- 1 Individual Water Well PC
- 1 SMP Waterbody NHD, NWI, OHRC, TWC
- 1 Preliminary Shoreline Jurisdiction TWC
- 1 Potentially Associated Wetland NWI
- 1 City Limit PC



CITY OF ILWACO

FIGURE 13. GEOLOGIC HAZARDS



**Slope Stability** <sup>PC</sup>

- 15 - 40 degree slope
- Greater than 40 degree slope

**Tsunami Inundation** <sup>1DNR</sup>

- Cascadia scenario 1A <sup>2</sup>
- Cascadia scenario 1A with asperity <sup>3</sup>
- Faults <sup>DNR</sup>

**SMP Waterbody** <sup>NHD, NWI, OHRC, TWC</sup>

- Preliminary Shoreline Jurisdiction <sup>TWC</sup>
- Potentially Associated Wetland <sup>NWI</sup>
- City Limit <sup>PC</sup>

**Notes:**

- 1 2010 dataset
- 2 Cascadia scenario 1A are areas inundated by a moderately high runup from the modeled Cascadia subduction zone tsunami.
- 3 Cascadia scenario 1A with asperity are areas inundated by a high runup from the modeled Cascadia subduction zone tsunami.

**Data sources:**  
Refer to mapfold coversheet for source abbreviations.

**Scale:** 0 1,000 2,000 Feet

**Original Scale:** 1:14,500 @ 11 x 17 layout.

**THE WATERSHED COMPANY** *Submittal Date: 4/30/2014*

44 features depicted on this map are approximate. They have not been formally delineated or surveyed and are intended for planning purposes only. Additional site-specific evaluation may be needed to confirm/verify information shown on this map.





CITY OF ILWACO

# FIGURE 15. PRIORITY HABITATS AND SPECIES



**Priority Habitats and Species Regions** 1 WDFW

- Roosevelt Elk
- Shorebird Concentrations
- Waterfowl Concentrations
- Wetlands

**Priority Species** 2 WDFW

- Bald Eagle 1/8 mile nest buffer
- Marbled Murrelet Presence

**Legend:**

- Chum Salmon
- Coho Salmon
- Steelhead Trout
- Shellfish Resources WDFW
- Razor Clam
- SMP Waterbody NHD, NWI, ONRC, TWC
- Preliminary Shoreline Jurisdiction TWC
- Potentially Associated Wetland NW
- City Limit PC

**Notes:**

- 1 All listed priority habitat and species occurrence locations and areas are provided by WA Department of Fish and Wildlife in 2013.
- 2 See map note regarding species present at the Columbia River mouth.

**Data Sources:**  
Refer to mapinfo coversheet for source abbreviations.

**Scale:** 0 1,000 2,000 Feet  
Original Scale: 1:14,500 @ 11 x 17 layout.

**Area of Interest in red:**

**Priority fish species that are not mapped but are present at the mouth of the Columbia River include:** Coast Resident Chinook, Fall Chinook Salmon, Fall Chinook Salmon, Spring Chinook Salmon, Dolly Varden/Bull Trout, Green Sturgeon, Pink Salmon, American Shad, Sockeye Salmon, Summer Steelhead Trout, and Winter Steelhead Trout.

**THE WATERSHED COMPANY** Submittal Date: 4/30/2014

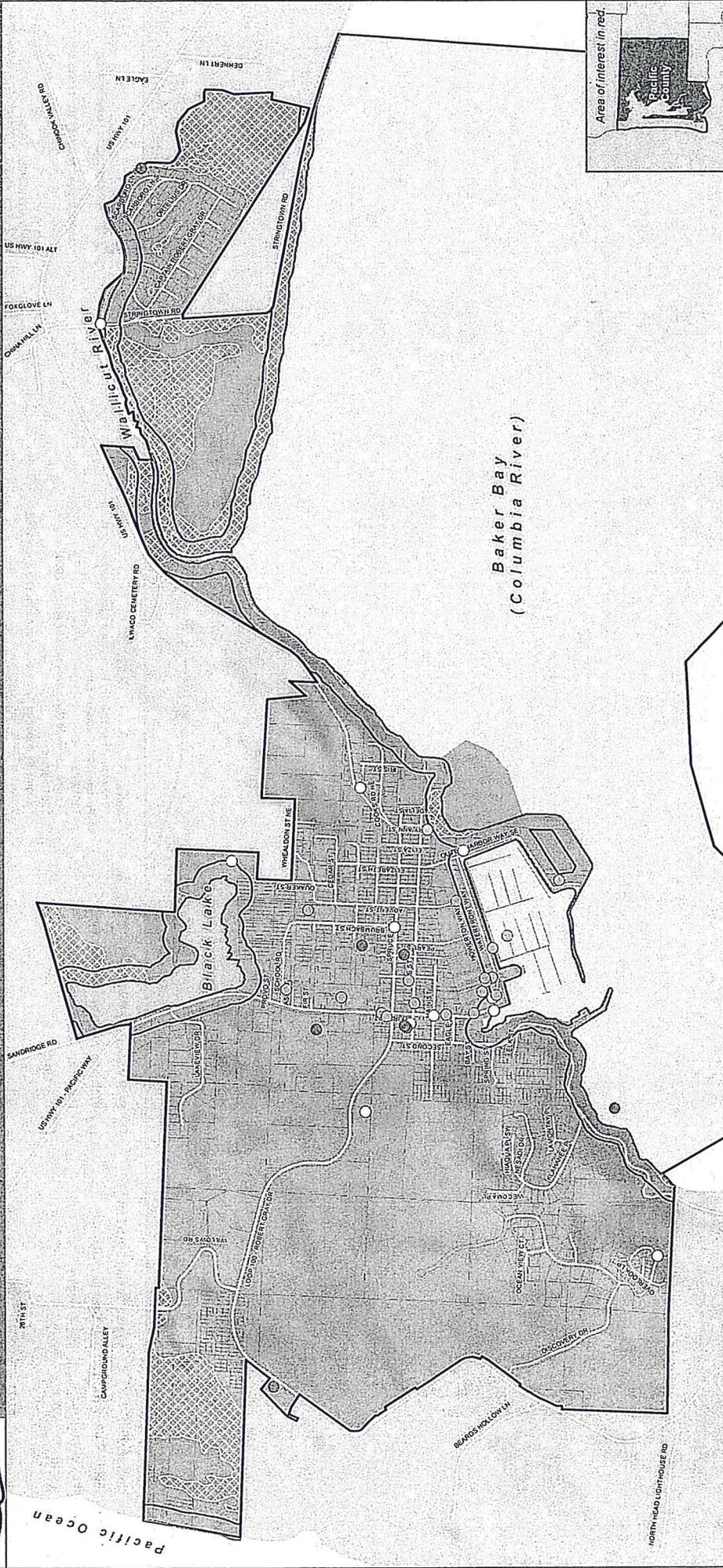
*All features depicted on this map are approximate. They have not been independently verified for planimetric accuracy. Additional information may be needed to confirm early information shown on this map.*





CITY OF ILWACO

FIGURE 17. ECOLOGY PERMITTED SITES



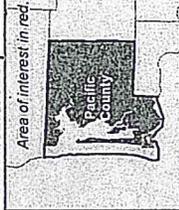
- Ecology Permitted Sites
    - SMP Waterbody HMD, NMD, OHR, TWC
    - Hazardous Waste
    - Sea (Coastal Zone Management)
    - Spills
    - Toxics
    - Waste to Resources
    - Water Quality
  - SMP Waterbody HMD, NMD, OHR, TWC
    - Preliminary Shoreline Jurisdiction TWC
    - ⊗ Potentially Associated Wetland NMD
    - City Limit PC
- Data Sources:  
Refer to mapfolio coversheet for source abbreviations.

0 1,000 2,000 Feet

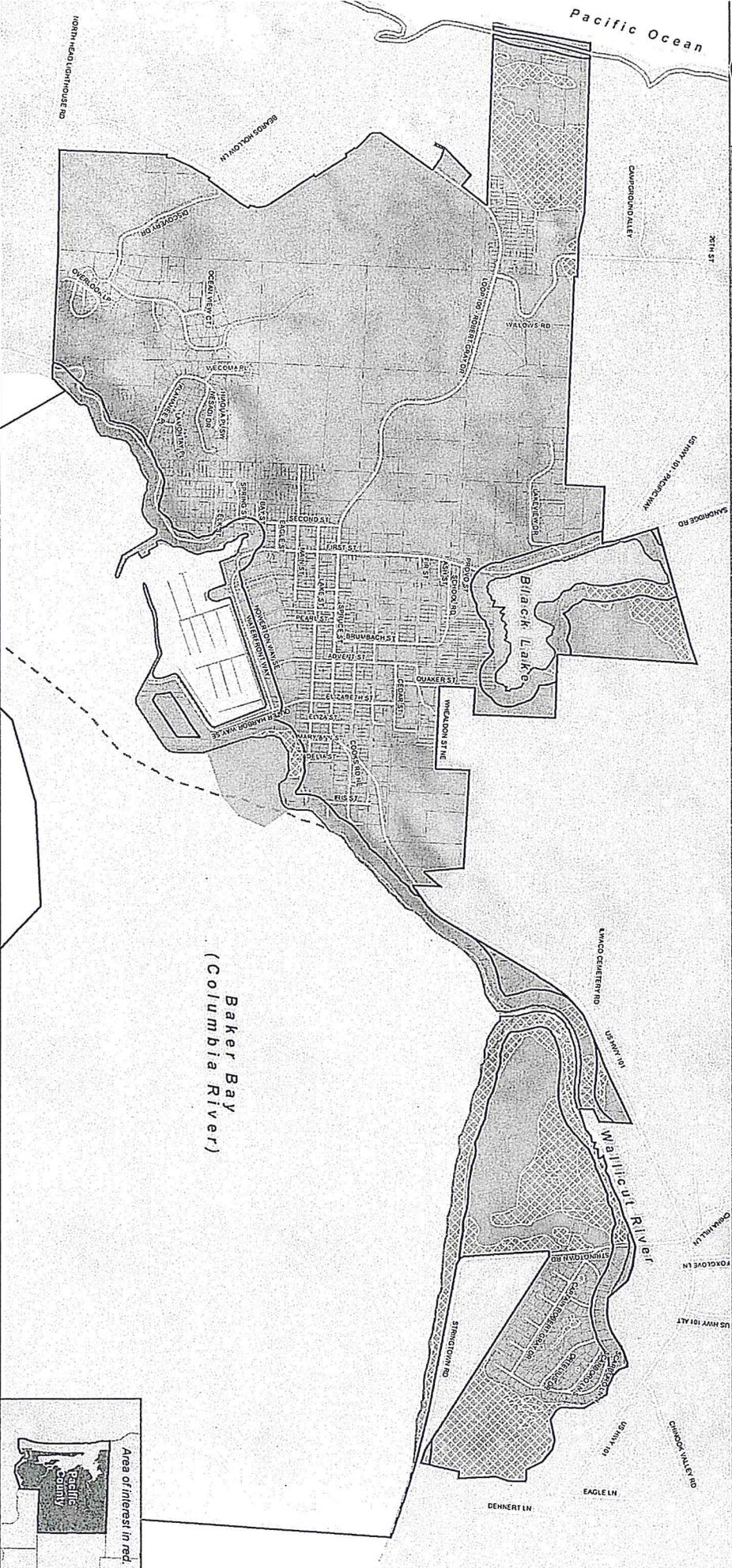
Original Scale=1:14,500 @ 11 x 17 layout.

THE WATERSHED COMPANY  
Submitted Date: 4/30/2014

All features depicted on this map are approximate. They have not been field verified. Additional site-specific evaluation may be needed to confirm verify information shown on this map.



**CITY OF ILWACO  
FIGURE 18. NET SHORE DRIFT**



- Net Shore Drift: ECV**
- Divergence Zone
  - Left to Right
  - No Appreciable Drift
  - Right to Left
- Shoreline Type: 10WR**
- Sand flat

- SMP Waterbody: HMD, HWI, OWR, TWC
- Preliminary Shoreline Jurisdiction: TWC
- Potentially Associated Wetland: HWI
- City Limit: PC

**Notes:**  
 1 Washington State ShoreZone Inventory.  
**Data Sources:**  
 Refer to mapjolie coversheet for source abbreviations.

**Scale:**  
 0 1,000 2,000 Feet

**Area of Interest in red:**

**THE WATERSHED COMPANY**  
 Submittal Date: 4/20/2014

All features depicted on this map are approximate. They have not been surveyed and are for planning purposes only. Additional site-specific verification may be needed to confirm/verify information shown on this map.