

LAKE WHATCOM WATER AND SEWER DISTRICT 1220 LAKEWAY DRIVE BELLINGHAM, WASHINGTON 98229

REGULAR MEETING OF THE BOARD OF COMMISSIONERS

AGENDA

September 9, 2015

6:30 p.m. - Regular Session

- 1. CALL TO ORDER
- PUBLIC COMMENT OPPORTUNITY
 At this time, members of the public may address the Commission. Please state your name prior to making comments.

City of Bellingham Council Member Michael Lilliquist

- 3. ADDITIONS, DELETIONS, OR CHANGES TO THE AGENDA
- 4. CONSENT AGENDA
- 5. SPECIFIC ITEMS OF BUSINESS:
 - A. Long Term Waterline Maintenance Issues
 - B. Monthly Budget Analysis
 - C. Summary of Existing District Projects
 - D. Geneva A/C Mains Project Change Order #5
- 6. OTHER BUSINESS
- 7. MANAGER'S REPORT
- 8. PUBLIC COMMENT OPPORTUNITY
- 9. Executive Session Personnel Issue Per RCW 42.30.140(4) 30 minutes
- 10. ADJOURNMENT



DATE SUBMITTED:	August 31, 2015
TO BOARD OF COMMISSIONERS	
FROM: Patrick Sorensen	MANAGER APPROVAL
MEETING AGENDA DATE:	September 9, 2015
AGENDA ITEM NUMBER:	5.A.
SUBJECT:	Long Term Waterline Maintenance Issues
LIST DOCUMENTS PROVIDED ⇒	1.
NUMBER OF PAGES INCLUDING AGENDA BILL:	2.
	3.
TYPE OF ACTION REQUESTED	RESOLUTION FORMAL ACTION / INFORMATIONAL / OTHER ⊠

BACKGROUND / EXPLANATION OF IMPACT

This subject was placed on the agenda based upon our discussion at the August 26, 2015 meeting regarding recent waterline breaks. Staff will provide an oral report on causes and the condition of the existing system. We will also address any Board questions.

FISCAL IMPACT

Not applicable at this time.

RECOMMENDED BOARD ACTION

Not applicable at this time.

PROPOSED MOTION

No proposed motion.



DATE SUBMITTED:	August 31, 2015
TO BOARD OF COMMISSIONERS	$\mathcal{O}(1)$
FROM: Debi Hill	MANAGER APPROVAL Faril: Aun
MEETING AGENDA DATE:	September 9, 2015
AGENDA ITEM NUMBER:	5.B.
SUBJECT:	Monthly Budget Analysis
LIST DOCUMENTS PROVIDED ⇒	1. Monthly Budget Analysis as of 8/31/2015
NUMBER OF PAGES	2.
INCLUDING AGENDA BILL:	
TYPE OF ACTION REQUESTED	RESOLUTION FORMAL ACTION / INFORMATIONAL / OTHER □ OTHER □

BACKGROUND / EXPLANATION OF IMPACT

Information only

FISCAL IMPACT

n/a

RECOMMENDED BOARD ACTION

n/a

PROPOSED MOTION

n/a



MONTHLY BUDGET ANALYSIS			YTD	
	Description	Budget 2015	8/31/2015 67%	
OPERATING FUND - 401		2010	01 /6	
REVENUES				
401-343-40-10	Water Sales Metered (5% rate Increase) *	1,823,692	1,227,882	67%
401-343-50-11	Sewer Service Residential (5% rate increase) *	3,618,687	2,447,154	68%
401-343-50-19	Sewer Service Other	5,500	3,272	59%
401-359-81-10	Combined Fees	40,000	17.529	44%
401-359-90-00	Late fees	65,000	40,026	62%
401-361-11-10	Investment Interest	2,000	428	21%
401-369-10-00	Sale of scrap metal and surplus	_,000	1,720	,0
401-379-10-20	Permits Operation portion (5 new connection permits)	10,000	24.473	245%
401-395-20-00	Insurance recovery	-	7,418	,
401-395-40-00	Sale of Capital Assets	<u>~</u>	.,	
401-397-10-00-80	Transfer in from ULID 18 Fund 480	73,000	68,850	94%
	TOTAL REVENUES	5,637,879	3,838,752	68%

MONTHLY BUDGET ANALYSIS	Description	Budget	YTD	
OPERATING FUND - 401		2015	8/31/2015	
			67%	
EXPENDITURES				
101-53X-10-10	Admin Payroll (2% cola plus step increases - 2015)	580,500	367,925	6
101-53X-10-20	Admin Personnel Benefits (Medical,Retirement etc)	220,000	133,862	
101-53X-10-31	Gen Admin Supplies	21,000	14,901	7
l01-53X-10-31-01	Meetings/Team building	1,500	1,164	71
101-53X-10-40	Bank Fees	18,000	14,707	8
	Interlocal - Invasive Species 50,000			
101-534-10-41-00	Interlocal - Lake Whatcom Tributary Monitoring 15,000			
101-534-10-41-00	Water Quality Assurance Programs (TOTAL)	65,000	2,583	4
	County Auditor Filing Fees (Simplifile)	7,000		
	Data Bar (Statement processing)	30,000		_
	Answering Service Data Pro (Time clock system)	2,000		_
	BIAS Financial Software	1,500		
	Web check services	20,000		-
	GE Scada System Software Maintenance - Operations	5,000		
	WA State Auditor (next audit in 2016)	7,500		
	Wilson Engineering	7,000		\vdash
	Legal Counsel	40,000		-
	3D - Computer support	20,000		\vdash
	CPA (Internal audit and Financial statements)	10,000		\vdash
	Salary Study per union contract	19,000		
	Camera Van Software	1,500		
	SCADA/PLC Support - Engineering/Operations	5,000		
	Cartegraph - Engineering/Operations	8,000		
	Auto Desk - Engineering	1,000		
	Rockwell - Engineering/Operations	500		
	Inovise - Engineering	2,000		
	Master Meter	2,000		
	Custodial/Building maint. services/Security	9,000		
	Landscaping service	4,000		
	Docuware/Web site maintenance and upgrade	5,000		
	Generator Load Testing	20,000		
	Cyberlock software	1,000		
· · · · · · · · · · · · · · · · · · ·	Watchguard	1,000		
D1-53X-10-41-D1	Misc (Bid notices etc.)	1,000		
01-53X-10-42	Professional Services (TOTAL)	230,000	191,711	8:
01-53X-10-45	Communication Admin Lease	50,000	31,791	6
01-53X-10-46	Property Insurance	2,000	898	4
01-53X-10-49	Admin Misc.	110,000	-	_
01-53X-10-49-01	Memberships/Dues	1,000	298	3
01-53X-10-49-02	WA State Dept of Revenue Taxes (3% increase)	15,000	9,388	6
1-53X-40-43	Training & Travel	180,000 25,000	118,266 24,561	6
11-53X-40-43-01	Tuition reimbursement	1,000		9
1-53X-50-31	Maintenance Supplies	125,000	89,978	7
1-53X-50-48	Operations Repair/Maint	85,000	34,393	- 7
1-53x-50-49	Insurance Claims	85,000	6,633	- 0
1-53X-60-41	Operations Contracted	10,000	4,031	4
1-534-60-47	Water City of Beilingham	42,000	19,406	-74
1-535-60-47	Sewer City of Bellingham Treatment Fee	600,000	334,226	5
1-53X-80-10	Operations Payroli	870,750	613,674	7
1-53X-80-20	Operations Personnel Benefits	330,000	223,405	-6
1-53X-80-32	Operations Fuel	36,000	17,990	5
1-53X-80-35	Safety Supplies	12,000	9,258	7
1-53x-80-35-01	Safety Supplies Boots	2,500	595	2
1-53X-80-47	General Utilities	210,000	132,863	6
1-53X-80-49	Laundry	2,000	1,836	9
	Course Deat Debt Death at all	70,000	69,560	9
	Sewer Post Point Principal			
11-591-35-77 11-592-35-83	Sewer Post Point Interest	145,000		86
			124,080	8
1-592-35-83	Sewer Post Point Interest OPERATING EXPENDITURES	145,000 3,825,250	124,080 2,593,983	8
1-592-35-83	Sewer Post Point Interest OPERATING EXPENDITURES Transfers Out to System Reinvestment Fund 420	145,000	124,080 2,593,983 347,500	8
1-592-35-83	Sewer Post Point Interest OPERATING EXPENDITURES Transfers Out to System Reinvestment Fund 420 Transfers Out to DWSRF Projects Fund 440	3,625,250 815,000	124,080 2,593,983 347,500 16,641	8
1-592-35-83	Sewer Post Point Interest OPERATING EXPENDITURES Transfers Out to System Reinvestment Fund 420 Transfers Out to DWSRF Projects Fund 440 Transfers Out to 2009 Bond Debt Service Fund 450	3,625,250 815,000 448,050	124,080 2,593,983 347,500 16,641 101,453	8
1-592-35-83	Sewer Post Point Interest OPERATING EXPENDITURES Transfers Out to System Reinvestment Fund 420 Transfers Out to DWSRF Projects Fund 440 Transfers Out to 2009 Bond Debt Service Fund 450 Transfers Out to Water Loan Debt Service Fund 470	145,000 3,825,250 815,000 448,050 63,700	124,080 2,593,983 347,500 16,641 101,453 117,185	8
1-592-35-83 ANSFERS	Sewer Post Point Interest OPERATING EXPENDITURES Transfers Out to System Reinvestment Fund 420 Transfers Out to DWSRF Projects Fund 440 Transfers Out to 2009 Bond Debt Service Fund 450 Transfers Out to Water Loan Debt Service Fund 470 TOTAL EXPENDITURES	3,625,250 815,000 448,050	124,080 2,593,983 347,500 16,641 101,453	8
1-592-35-83 ANSFERS	Sewer Post Point Interest OPERATING EXPENDITURES Transfers Out to System Reinvestment Fund 420 Transfers Out to DWSRF Projects Fund 440 Transfers Out to 2009 Bond Debt Service Fund 450 Transfers Out to Water Loan Debt Service Fund 470	145,000 3,625,250 815,000 448,050 63,700 5,152,000	124,080 2,593,983 347,500 16,641 101,453 117,185 3,176,762	8
1-592-35-83 ANSFERS	Sewer Post Point Interest OPERATING EXPENDITURES Transfers Out to System Reinvestment Fund 420 Transfers Out to DWSRF Projects Fund 440 Transfers Out to 2009 Bond Debt Service Fund 450 Transfers Out to Water Loan Debt Service Fund 470 TOTAL EXPENDITURES	145,000 3,825,250 815,000 448,050 63,700 5,152,000 5,637,879	124,080 2,583,883 347,500 16,641 101,453 117,185 3,176,762 3,802,653	8
1-592-35-83 ANSFERS	Sewer Post Point Interest OPERATING EXPENDITURES Transfers Out to System Reinvestment Fund 420 Transfers Out to DWSRF Projects Fund 440 Transfers Out to 2009 Bond Debt Service Fund 450 Transfers Out to Water Loan Debt Service Fund 470 TOTAL EXPENDITURES OPERATING REVENUES	145,000 3,625,250 815,000 448,050 63,700 5,152,000	124,080 2,593,983 347,500 16,641 101,453 117,185 3,176,762 3,802,653 (3,176,762)	8
	Sewer Post Point Interest OPERATING EXPENDITURES Transfers Out to System Reinvestment Fund 420 Transfers Out to DWSRF Projects Fund 440 Transfers Out to 2009 Bond Debt Service Fund 450 Transfers Out to Water Loan Debt Service Fund 470 TOTAL EXPENDITURES OPERATING REVENUES EXPENDITURES	145,000 3,825,250 815,000 448,050 63,700 5,152,000 5,637,879	124,080 2,593,983 347,500 16,841 101,453 117,185 3,176,762 3,802,653 (3,176,762) 1,204,151	
1-592-35-83 ANSFERS	Sewer Post Point Interest OPERATING EXPENDITURES Transfers Out to System Reinvestment Fund 420 Transfers Out to DWSRF Projects Fund 440 Transfers Out to 2009 Bond Debt Service Fund 450 Transfers Out to Water Loan Debt Service Fund 470 TOTAL EXPENDITURES OPERATING REVENUES EXPENDITURES BEGINNING BALANCE OPERATING RESERVE	145,000 3,825,250 815,000 448,050 63,700 5,152,000 5,637,879	124,080 2,593,983 347,500 16,841 101,453 117,185 3,176,762 3,802,653 (3,176,762) 1,204,151 (800,000)	8
ANSFERS	Sewer Post Point Interest OPERATING EXPENDITURES Transfers Out to System Reinvestment Fund 420 Transfers Out to DWSRF Projects Fund 440 Transfers Out to 2009 Bond Debt Service Fund 450 Transfers Out to Water Loan Debt Service Fund 470 TOTAL EXPENDITURES OPERATING REVENUES EXPENDITURES BEGINNING BALANCE	145,000 3,825,250 815,000 448,050 63,700 5,152,000 5,637,879	124,080 2,593,983 347,500 16,841 101,453 117,185 3,176,762 3,802,653 (3,176,762) 1,204,151	8

MONTHLY BUDGET ANALYSIS	Description	Budget 2015	YTD 8/31/2015
SYSTEM REINVESTMENT FUND - 420		2010	0,01,2013
20-343-40-19	DEA Permits	-	
20-379-10-30	Permits Capital Portion (5 new connection permits)	40,000	26.682
20-379-10-40	Latecomer Fees	-	-
20-397-10-00	Transfers in from Operating Fund 401	815,000	347,500
	Transfers In from Geneva Reserve Fund 410	-	
	Transfers In from System Replacement Fund 415	-	
	TOTAL REVENUES	855,000	374,182
0.504.40.44			
0-534-10-41	DEA Contracted Services	-	
20-534-90-61 20-534-60-41	DEA Refunds	-	
0-594-38-62	Contracted Professional Services		
:0-594-38-62 :0-594-38-63	Capital Outlay - Structures		
20-594-38-63 20-594-38-64	Capital Outlay - Water/Sewer Systems Capital Outlay - Machinery/Equipment		
U-101-30-04	Capital Outray - Machinery/Equipment		
	Description and products	00.000	
	Previous year projects	90,000	
C 1	2-07 Reservoir Drains to Daylight	13,000	
	2-14 Dead End Blow Offs	38,000	
	3-04 Cathodic	30,000	37.960
	3-16 Boulevard Sewer Pump Station		64,800
C1	4-03 2014 Water System Rehab		101,477
C 1	4-05 Strawberry Point Pump Station Pre-Design	5,400	18.855
G1	4-06 Sewer Push Camera	7,000	10,502
	4-07 Lowe Sewer Pump Station VFD	7,000	6,549
	4-08 SVWTP Spare Raw Pump VFD	5,000	1,991
	4-11 Shop Gravel/Asph Bins	4,600	3.142
	4-12 Admin Bldg Irrigation	10,000	-
		10,000	
	2015 Capital Projects	765,000	
C 14	4-05 Strawberry Point Pump Station Replacement	620,000	88,823
	5-01 Water Service Rebuilds	10,000	6,109
	5-02 SVWTP Cholorine Analyzer - Replace	5,000	
	5-03 SVWTP Clearwwell Overflow Drain	5,000	
	5-04 Security - Intrusion Alarms at Reservoirs (install pilot system at 1 site)	5,000	
	5-05 Reservoir Condition Assessment - Selsmic, Structural Repairs, Coatings	35,000	
C1	5-06 CMOM - Sewer I&I	85,000	27,459
	TOTAL EXPENDITURES	855 800	207.00
	IVIAL EAFERDIIUKES	855,000	367,667
/STEM REINVESTMENT FUND	REVENUES	855,000	374,182
OTHER PRINTED COMENT LOND	EXPENDITURES		
	BEGINNING BALANCE	(855,000)	(367,667)
	CASH/NVESTMENTS BALANCE		366
	CASIMINYES I MEN I S BALANCE		6,881

MONTHLY BUDGET ANALYSIS	Description	Budget	YTD
		2015	8/31/2015
SEWER/STORM WATER CONTINGENCY FUND - 425			
125-361-11-00	Investment Interest	5,020	2,173
125-397-10-00	Transfers in from ULID 18 Fund 480	5,020	2,1/3
	Transfers In from Bond Reserve Fund 490		-
	TOTAL REVENUES	5,020	2,173
125-535-10-41	Stormwater Comp Plan		
25-535-10-42	Debt Service Charges	200	91
25-594-38-63	Water/Sewer Systems	200	- 01
25-594-38-64	Machinery/Equipment		
	TOTAL EXPENDITURES	200	91
SEWER/STORM WATER CONTINGENCY FUND	REVENUES		
THE TOTAL WATER CONTINUENCY FORD		5,020	2,173
	EXPENDITURES	(200)	(91)
	BEGINNING BALANCE		922,695
	CASH/INVESTMENTS BALANCE		924,777
	_		

MONTHLY BUDGET ANALYSIS	Description	Budget	YTD	
CAPITAL BOND PROJECTS FUND (RESTRICTED) - 430		2015	8/31/2015	_
430-361-11-00	Investment Interest			
	TOTAL REVENUES	n		
430-594-38-63	Capital Outlay - Water/Sewer Systems	62,683	-	_
	TOTAL EXPENDITURES	62,683	-	
CAPITAL BOND PROJECTS FUND	REVENUES		-	
	EXPENDITURES BEGINNING BALANCE	(62,683)		_
	CASH/INVESTMENTS BALANCE		62,683 62,683	

MONTHLY BUDGET ANALYSIS	Description	Budget	YTD
		2015	8/31/2015
DWSRF PROJECTS FUND - 440			
140-333-66-46-40	BULL AAB AAR		
140-333-66-46-41	Division 22 Reservoir (Permits and Desgn)	100,000	44,718
	Geneva AC Mains (Permits, Design and Construction)	2,500,000	1,434,195
140-397-10-00-40	Transfers in From Operating Fund		20,451
	TOTAL REVENUES	2,600,000	1,499,364
		2,000,000	1/489/304
140-594-34-62	Division 22 Reservoir (Permits and Desgn)	100,000	7.255
140-594-34-63	Geneva AC Mains (Permits, Design and Construction)	2,500,000	1,450,061
	TOTAL EXPENDITURES	0.000.000	4 488 848
	TOTAL ENDITORES	2,600,000	1,457,316
DWSRF PROJECTS FUND	REVENUES	2,600,000	1,499,364
	EXPENDITURES	(2,600,000)	(1,457,316)
	BEGINNING BALANCE	-	(42,048)
	CASH/INVESTMENTS BALANCE	-	-
xpenditures offset by draws as projects progress.			

MONTHLY BUDGET ANALYSIS	Description	Budget	YTD
		2015	8/31/2015
2009 BOND DEBT SERVICE FUND - 450			100000
50-361-11-00	Investment Interest		
	HIAGONIGHT HIGHEST		
50-397-10-00	Transfers In from Operating Fund 401	448.050	404 450
	Transfers In from Bond Capital Projects Fund 430	446,030	101,452
	TOTAL REVENUES	448,050	101,452
50-535-10-41			
50-535-10-41	Bond Admin Fee	300	78
50-592-35-83	Redemption of Long Term Debt	245,000	
50-584-35-63	Bond Interest Payments	202,750	101,375
	TOTAL EXPENDITURES	448,050	101,453
			101,403
009 BOND DEBT SERVICE FUND	REVENUES	448,050	101,452
	EXPENDITURES	(448,050)	(101,453)
	BEGINNING BALANCE	(440,000)	(101,433)
	CASH/INVESTMENTS BALANCE	-	

MONTHLY BUDGET ANALYSIS	Description	Budget	YTD
2009 BOND RESERVE FUND (RESTRICTED) - 460		2015	8/31/2015
60-361-11-00	Investment Interest Transfers In From ULID 18 Fund 480	2,860	5,720
80-535-10-89	TOTAL REVENUES	2,860	5,720
n-200-10-da	Debt Service Charges	200	104
	TOTAL EXPENDITURES	200	104
2009 BOND RESERVE FUND (RESTRICTED)	REVENUES EXPENDITURES	2,860 (200)	5,720
	BEGINNING BALANCE CASH/INVESTMENTS BALANCE		503,812 509,428

MONTHLY BUDGET ANALYSIS	Description	Budget 2015	YTD
NATER LOANS DEBT SERVICE FUND - 470		2015	8/31/2015
70-361-11-10			
0-397-10-00	Investment Interest Transfers in from Operating Fund 401	63,700	447.405
		63,700	117,185
	TOTAL REVENUES	63,700	117,185
70-591-34-77-72	Redemption of Long Term Debt Loan 119	8.940	62,583
70-591-34-77-73	Redemption of Long Term Debt Loan 064	47.252	47.252
70-592-34-83-71 70-592-34-83-72	Debt Service Interest Loan 44	-	
70-592-34-83-73	Debt Service Interest Loan 119 Debt Service Interest Loan 064	574	417
	Base and thou dest Engli And	6,930	6,930
	TOTAL EXPENDITURES		
	TOTAL EXPERDITURES	63,696	117,182
ATER LOANS DEBT SERVICE FUND	REVENUES	63,700	117,185
	EXPENDITURES	(63,696)	(117,182)
	BEGINNING BALANCE		
	CASH/INVESTMENTS BALANCE		3

MONTHLY BUDGET ANALYSIS	Description	Budget	YTD
II ID 40 CULID 400		2015	8/31/2015
ILID 18 FUND - 480			
30-361-11-00			
30-361-40-00	Investment Interest	-	
30-368-10-00	ULID 18 Interest/Penalties	23,000	21,223
	Current ULID 18 Principal Payments	50,000	43,051
30-379-10-30	Latecomers Fee	-	5.446
30-397-10-00	Transfers in from Operating Fund 401 (re-payment)		
	TOTAL REVENUES	73,000	69,720
80-597-10-00			
30-387-10-00	Transfers Out to Operating Fund 401	73,000	68,850
	TOTAL EXPENDITURES	73,000	68,850
LID 18 LOAN DEBT SERVICE			
IN 10 FOWN DEB1 SEKAICE	REVENUES	73,000	69,720
	EXPENDITURES	(73,000)	(68,850)
	BEGINNING BALANCE	(-5,550)	(23,000)
	CASH/INVESTMENTS BALANCE		870



DATE SUBMITTED:	August 31, 2015		
TO BOARD OF COMMISSIONERS			
FROM: Bill Hunter and Staff	MANAGER APPROVAL Les 1/2 Acres		
MEETING AGENDA DATE:	September 9, 2015		
AGENDA ITEM NUMBER:	5.C.		
SUBJECT:	Summary of Existing District Projects		
LIST DOCUMENTS PROVIDED	1. September 2015 Summary of Existing District Projects		
NUMBER OF PAGES	2.		
INCLUDING AGENDA BILL: 3.			
TYPE OF ACTION REQUESTED	RESOLUTION FORMAL ACTION INFORMATIONAL MOTION □ OTHER □		

BACKGROUND / EXPLANATION OF IMPACT

Information only

FISCAL IMPACT

n/a

RECOMMENDED BOARD ACTION

Review and discuss

PROPOSED MOTION

n/a

LAKE WHATCOM WATER AND SEWER DISTRICT Summary of Existing District Projects

	Meeting Date	Effective Date	Prepared by
Se	ptember 9, 2015	September 3, 2015 LE/BH	
	Status of Water and Sewer	Permit Issuance	
SCOPE	Provide a monthly update or	permit activity.	
STATUS		Permits Issued 2015	Permits Issued 2014
	No of permits issued No of permits projected 2015	8	15

Completed Capital Projects in 2015		
C1304	Steel Reservoir Cathodic Protection	
C1404	2014 Sewer System Rehab and Replacement	
C1406	Acquire Sewer Push Camera for 2" and 4" Pipe	
C1408	SVWTP Spare Raw Water VFD	
C1411	Shop Gravel/Asphalt Material Bins	
C1501	Water Service Rebuilds - Brass	

State Required Report Status			
Reporting	Name of Report & Preparer	Completed	When Due
Chlorination Repor Agate Heights (Kevi		Jan Feb Mar Apr May June July Aug Sept Oct Nov Dec	Postmarked by 10 th of month
MONTHLY	Surface Water Treatment Rule Report (SVWTP) (Kevin)	Jan Feb Mar Apr May June July Aug Sept Oct Nov Dec	Postmarked by 10 th of month
	Department of Revenue (Debi)	Jan Feb Mar Apr May June July Aug Sept Oct Nov Dec	Due end of following month
	Community Right to Know (Hazardous Materials) (Rich)	Completed February 24, 2015	Due by March 31st
	WA State Cross Connection Report (Rich)	Completed April 20, 2015	Due Annually May
Consumer Confidence Reports (Kevin)		Completed April, 2015	 Geneva- 4/15 Sudden Valley 4/15 Eagleridge – 4/15 Agate Hghts – 4/15
	Hazardous Waste Activity Report (Rich)	Completed February 24, 2015	Due by March 31st
	OSHA 300 Log (Rich)	Completed January 30, 2015	Due by Feb 1st
j	Water Use Efficiency Performance Report (Kevin)	Completed April 2015	Due by July 1st
	Washington State Financial Report (Debi)	Completed May 2015 Due by May 31st	

	Report Number of Sewer ERUs to City of Bellingham	Completed March 5, 2015	Due by January 15th
OTHER	CPR/First Aid Training (Rich)	Completed 6/10/2015	Due Biennially Next Due 2017
	Flagging Card Training (Rich)	Completed 7/22/2013	Due Triennially Next Due 2016

SAFETY PROGRAM SUMMARY***

Completed by Rich Munson

Summary of Annual Safety Training				
	Enrollments	Completions	% Complete	
Engineering - Managers	44	44	100%	
Engineering - Staff	24	24	100%	
Field Crew	245	245	100%	
Field Crew - Managers	25	11	44%	
Office Managers	40	40	100%	
Office - Staff	56	56	100%	
	434	415	96%	

Weekly Crew Safety Meetings

Safety meetings for the field crew take place every Tuesday at 3:30 p.m.

Dates of Safety Committee Meetings		
January 15, 2015	August 13, 2015	
February 24, 2015	September 10, 2015	
March 26, 2015		
April 14, 2015		
June 11, 2015		
July 9, 2015		

Summary Of Work-Related Injuries & Illnesses				
Year	2015	2014	2013	2012
Total Number of Work Related Injuries	0	1	11	8
Defined as a work related injury or illness that results in: Death				
 Medical treatment beyond first aid Loss of consciousness 				
 Significant injury or illness diagnosed by a licensed health care professional 				
 Days away from work (off work) 				
Restricted work or job transfer				
Total Number of Days of Job Transfer or Restriction (Light duty or other medical restriction)		0	5	24
Total Number of Days Away From Work (At home, in hospital, not at work)		0	13	9

Lake Whatcom Water & Sewer District

Capital Improvement Projects Staff Report

C1207 Reservoir Overflow Drains to Daylight

Route reservoir overflow drains to daylight.

C1207-ENG Project Administration and Engineering

4/2/2014 Staff working with G&O to look at overflow/drain line improvements for Division 22 as part of project C1401.

C1207-CON Construction Contract

C1214 Dead End Blow Offs

Install blow offs at water main dead ends.

C1214-ADM Project Administration

11/28/2012 Crews researching and inspecting dead end mains. Compiling list of dead ends with proposed installation sketches.

C1306 LLR Sewer Air-Vac Valve Replacement

Replace iron/steel air-vac valves with nylon valves.

C1306-ADM Project Administration

- 4/3/2013 Staff solicited quotes from local suppliers. Ordered and received 9 valves from HD Supply (low quote). There are a total of 14 valves on the force main. Remaining 5 valves will be budgeted and purchased in 2014. Crews will begin installing new valves this spring.
- 10/2/2013 Crews have replaced a couple valves that failed on other forcemains using this inventory.

C1401 Division 22 Reservoir

Add new Division 22 Reservoir. Funded by DWSRF Loan. Loan Amount = \$994,850 at 1.5% for 20 years + 4 years for construction.

C1401-PH1 G&O - Predesign, Permitting

- 10/2/2013 DWSRF loan contract will be executed by State on 10/8/2013. Staff will work with Grey and Osborne to prepare scope of work and fee. Scope/fee will be presented to Board tentatively at 11/13/2013 meeting for review/approval.
- 11/6/2013 Loan contract is executed. Execution date was 10/9/2013.
- 1/29/2014 Board approved scope of work and fee for Predesign work.
- 2/4/2014 Staff and G&O compiling AE agreement and exhibits for execution.
- 3/6/2014 Signed AE agreements received from consultant. District attorney doing final review. Agreements will then be executed by Patrick.
- 4/1/2014 G&O and staff had project kick-off meeting. G&O compiling list of information/data to begin predesign work. Topo survey will begin in a couple weeks.
- 5/7/2014 Consultant has performed topographic/boundary survey. Staff compiling water system data needed for consultants predesign work.
- 8/5/2014 G&O working on reservoir sizing after receiving water system data/info from staff. DOH cultural review in progress.
- 8/23/2014 Published Notice to the Public of Intent to Request Release of Funds in Bellingham Herald. This is required as part of the cultural review process. Have to wait 30 days before beginning test pits or geotechnical borings.
- 9/23/2014 Predesign progress meeting with G&O and District staff. Staff reviewed first 3 chapters of predesign report. G&O will update few minor items and continue final predesign tasks. Set goal to present predesign report to at 1st Board meeting in November.
- 3/3/2015 Staff provided G&O remaining data and info in February to complete the predesign report. G&O is scheduled to make a presentation to the Board at the 3/25/2015 meeting.
- 3/25/2015 G&O presented predesign report to board. There was overall concensus with the plan. Staff and G&O will proceed with permitting and coordination with SCVA.

- 4/30/2015 District submitted pre-application meeting packet to Whatcom County. Pre-App meeting scheduled for 11am on 5/21/2015.
- 5/21/2015 Pre-Application Meeting at Whatcom County 11am. District and G&O attended. Reviewed permiting requirements with County staff.
- 6/1/2015 Received County's Pre-Application Meeting Findings. Staff and G&O working on Conditional Use Permit application. Staff will coordinate with County for onsite critical areas review (look for wetlands).
- 7/1/2015 Received comments from DOH on project report. G&O and staff will respond to comments. G&O and staff are working on the conditional use permit application.
- 7/29/2015 Conditional Use Permit and Variance Permit applications submitted to Whatcom County.
- 8/4/2015 Staff working with G&O on scope of work for next project phase detailed design, plans, specs, estimates, and bidding.
- 9/2/2015 G&O working to address DOH project report comments.
- 9/2/2015 Whatcom County is processing Condition Use and Variance Permit application.

C1402 Geneva Area AC Mains

Replacement of AC water mains in Geneva area. Funded by DWSRF Loan. Loan Amount = \$2,398,750 at 1.5% for 20 years + 4 years for construction.

C1402-PH1 Wilson - Predesign, Permitting, Design, Bidding

- 10/2/2013 DWSRF loan contracts will be executed by State on 10/8/2013. Staff working with Wilson Engineering to develope scope of work and fee. Scope/fee will tentatively be presented to Board at 11/13/2013 meeting.
- 11/6/2013 Loan contract is executed. Execution date was 10/7/2013.
- 12/4/2013 Staff working with Wilson to develop Scope of Work and Fee that includes DWSRF loan contract requirements. Scope/Fee will be presented at 12/11/2013 Board Meeting for approval.
- 12/11/2013 Board authorized GM to execute agreement with Wilson.
 - 1/2/2014 AE agreement executed. Work includes predesign, permitting, topographic surveying, design, and bidding.
 - 1/7/2014 Site walk-thru with District staff and Wilson engineers and surveyors.
 - 1/9/2014 Conference call with DWSRF project manager, Cathy Brockmann. Key District and Wilson staff attended. Meeting covered basic loan contract requirements and setup coordination between parties.
 - 2/4/2014 Wilson preparing preliminary drawings for conceptual water main locations/design. Topographic surveying to follow, when desired alignments are identified.
 - 3/6/2014 Wilson performing preliminary engineering and topographic surveying.
 - 4/2/2014 Wilson continues preliminary engineering and topo surveying work.
- 4/22/2014 Wilson and District staff meet to coordinate project activites. Topographic surveying and predesign work is in full swing.
- 6/3/2014 Wilson continues topographic surveying, mapping, and pre-design.
- 7/9/2014 Wilson presents predesign/project report to Board at meeting. Report is essential done but will be finalized after receiving public comments after a public meeting tentatively schedule in September 2014.
- 8/5/2014 Wilson continues topographic surveying, mapping, and development of preliinary plan set to be used at public meeting. DOH cultural review in progress.
- 8/23/2014 Published Notice to the Public of Intent to Request Release of Funds in Bellingham Herald. This is required as part of the cultural review process. Have to wait 30 days before beginning any excavations for test pits or geotechnical borings.
- 9/30/2014 Neighborhood workshop meeting held at District office. Staff sent invitations to properties adjacent to project limits.
- 11/4/2014 Project / predesign report completed by Wilson. District staff will send to DOH for review/approval. Wilson and District staff continuing to work on detailed plans.
- 11/6/2014 Project report was mailed to DOH for review/approval.
- 12/3/2014 DOH reviewed project report and will provide letter to acknoledge they received it to comply with the DWSRF loan requirements. No issues with report.
- 12/4/2014 Staff, Wilson, and Bob Carmichael are reviewing and updating the District's front end contract documents. Front end documents will be sent to state for review/approval mid-December following completion of updates.
- $1/6/2015 \ \ Staff \ and \ Bob \ Camichael \ met \ to \ review \ front \ end \ contract \ documents. \ \ Updates \ almost \ complete.$
- 2/20/2015 Wilson met with County road inspector to discuss and coordinate right-of-way encroachment permits.

 DOE was notified of the project for their general permit process related to erosion and sedimentation control. DOH approved the plans and technical specs.
- 2/26/2015 The project was advertised in the Bellingham Herald and Seattle DJC, two mandatory prebid meetings were held, 5 bids were received and opened. Wilson and staff review bids and criteria. A recommendation to award is planned for the 3/11/2015 board meeting.

- 3/11/2015 Board selected bid alternate for ductile iron pipe and awards contract to Tiger Construction. Staff will proceed with executing the contract documents.
- 3/31/2015 Wilson is coordinating permits with agencies. DOE general stormwater permit was advertised in Bellingham Herald on 3/22/2015 and 3/30/2015. DOE will issue permit after 30-day comment period on 4/30/2015. County encroachment permits will be ready to pick up soon. County Land Disturbance Permit has been approved but cannot be released until June 1.
- 4/1/2015 Staff and Wilson compiling bonds, insurance, etc for complete set of executed contract documents.

C1402-PH2 Wilson - Services During Construction

- 4/29/2015 Board authorized General Manager to execute amendment to Wilson agreement for services during construction.
 - 6/3/2015 Staff and Wilson are in process of executing amendment documents.

C1402-CON Construction Contract - Tiger Construction Ltd.

- 4/10/2015 Final Completion Date (includes Changer Order 4)
- 4/22/2015 Pre-Construction Meeting with Tiger, Wilson, and Dept of Commerce
- 4/29/2015 District mailed 36 property owners nearby pipe bursting and directional drill sites notifying them construction to begin Mid-May.
 - 5/4/2015 District mailed 200+ property owners located within 100-feet of the pipe alignment an informational card directing them to the District website for more details and notifying them of the neighborhood meeting on 5/13/2015.
- 5/13/2015 Neighborhood informational meeting at District office 530pm 630pm.
- 5/18/2015 Tiger anticipates starting pipe bursting and directional drill sections.
- 6/1/2015 Trenching begins.
- 6/3/2015 Tiger is in full speed construction mode. They have completed the pipe bursting section and will be transfering services to that new line. They are working on the two directional drilling locations and open trench installation on Lakeview street.
- 7/1/2015 Tiger is about 50% done installing main lines. New service lines are about 33% installed. Several new mains have been pressure tested, disinfected, coliform tested are in service.
- 8/4/2015 Tiger is about 80% done installing main lines (main lines should be done mid-August). New service lines are about 50% installed. First batch of asphalt patching occuring week of 8/3/2015.
- 9/2/2015 Tiger is 100% done installing main lines. New services lines are about 70% installed. Paving and restoration still in progress.
- 9/23/2015 Substantial Completion Date (include Change Order 4)
- 10/26/2015 Final Completion Date (includes Changer Order 4)

C1405 Strawberry Pt. Sewer PS Improvements

Replace Strawberry Point Sewer Pump Station.

C1405-PH1 Predesign

- 2/4/2014 Staff and RH2 working on scope of work and fee estimate. Scope/fee will be on the 2/12/2014 Board meeting agenda.
- 2/12/2014 Board authorizes phase 1 predesign work.
- 2/26/2014 Board authoizes a revision to phase 1 not-to-exceed amount.
- 3/6/2014 Signed AE agreements received from consultant. District attorney doing final review. Agreements will then be executed by Patrick.
- 3/6/2014 Staff collecting technical information for RH2 to begin preliminary design.
- 4/2/2014 RH2 reviewing pump station run time data for last couple years. Staff to provide detailed on/off data for selected key dates.
- 5/7/2014 Topographic survey is done. RH2 continuing predesign work.
- 8/5/2014 County pre-application submitted. Waiting to hear back from County on meeting date.
- 8/12/2014 RH2 to meet with District crew to go thru design critieria. Information will be documented in pre-design report which is in progress.
- 9/24/2014 RH2 presents predesign report to Board of Commissioners. Staff and RH2 will continue with project as described in predesign report.
- 10/15/2014 RH2 and District staff meet with County Public Works Roads and Stormwater department heads.

 Meeting was to coordinate county road/stormwater projects with District's pump station project.
- 10/29/2014 RH2 submits substantial shoreline development permit to county.
- 11/25/2014 As part of the shoreline permitting process, County sent notices out to properties within 1000 feet of project. Written comments are due December 26, 2014.

C1405-PH2 Design

12/10/2014 Board of Commissioners authorize GM to execute contract amendment with RH2 for design phase.

- 12/11/2014 Contract amendment executed with RH2 for design phase.
- 1/28/2015 RH2 working thru detailed design, plans and specs with District staff.
- 3/4/2015 Shorlines permit hearing. Hearing examiner will approved the permits. RH2 working on detailed design. 60-percent review plans will be ready 3-18-2015 for staff.
- 3/26/2015 Staff met with RH2 to review 60% plans and specs. RH2 will make some minor revisions and submit preliminary plans to County engineering as part of the right-of-way encroachment permit application. RH2 is proceeding with detailed design with the target of advertising for bids mid-April.
- 4/27/2015 District staff reviewed 90% plans and specs.
 - 5/1/2015 Advertisement for Bids published in Bellingham Herald and Seattle DJC.
- 5/13/2015 Non-Mandatory Pre-Bid Meeting at 2pm.
- 5/19/2015 Bid Opening 1pm
- 5/27/2015 Bid prices came in too high. Board rejected all bids. Staff will make some value engineering revisions and rebid January 2016.
- 7/1/2015 Staff reviewing RH2 draft agreement amendment for value engineering and rebid in 2016.
- 8/4/2015 Agreement amendment in process of being executed. Design revisions will begin soon.

C1405-PH3 Redesign and Rebid

- 8/11/2015 AE Amendment 2 executed.
- 9/2/2015 RH2 site design to eliminate need for temporary shoring.

C1407 Lowe Sewer PS VFD

Replace rotophase with VFD.

C1407-ADM

- 1/5/2015 Staff obtaining quotes for VFD's from vendor. District electrician reviewing electrical panel space requirements and proposed VFD dimensions.
- 1/22/2015 VFD's received by District. District crew will install in pump station.

C1412 Admin Building Irrigation System

Install irrigation system at Admin Building.

C1412-ADM

4/2/2014 Staff obtaining quotes from landscape companies for installation of irrigation system.

C1502 SVWTP Chlorine Analyzer

Purchase new chlorine analyzer for Sudden Valley Water Treatment Plant.

C1502-ADM

C1503 SVWTP Clearwell Overflow

Redirect clearwell emergency overflow piping from backwash tank to daylight.

C1503-ADM

- 3/26/2015 Staff began topography survey, field measurements, mapping, and research of buried pipe and structures. Design of a solution is in progress.
- 5/4/2015 Staff developed plan and profile for proposed improvements and will be coordinating with SVCA for work to occur this summer. It is anticipated the work will be done by District crews and equipment.
- 8/25/2015 Staff obtained SVCA encroachment permit to perform installation. Crew will begin potholing to very elevations at critical pipe crossings. Installation will begin soon after.

C1504 Reservoir Site Security

Install site security system as 1 reservoir site. Pilot project to evaluate equipment, configuration, and telemetry options.

C1504-ADM

C1505 Reservoir Condition Assessment

Reservoir condition and seismic assessment. Summarize state of District's reservoirs, evaluate seismic risks, and determine future capital improvements and priorities.

C1505-ADM

- 8/4/2015 Staff developing Request for Proposals for qualified seismic structural condition assessment of steel reservoirs.
- 8/19/2015 Request for Proposal published in Bellingham Herald and Seattle Daily Journal of Commerce. Two engineering firms have toured the sites to date.
- 9/2/2015 Two engineering firms toured reservoirs to date. There are at least 5 interested firms.
- 9/16/2015 Proposals due at 4pm.

C1506 2015 Sewer System Rehab

Combines several separate projects into one recurring annual project. The intent is to rehabilitate or replace aging sewer system mains and manholes as well as searching for sources of inflow and infiltration. Work includes smoke testing, manhole and main repairs, etc as deficiencies are found and prioritized. C1506A = Smoke Testing, C1506B = Whatcom Falls Manhole.

C1506A Smoke Testing

- 6/11/2015 Bid advertisement sent to Bellingham Herald
- 6/17/2015 Pre-bid meeting
- 6/25/2015 Bid opening
- 7/29/2015 Board awards smoke testing contract. Staff executing contracts. Work will occur late summer and fall.
- 9/2/2015 Contracts are being routed between parties for execution.

C1506B LLRI Oufall at Whatcom Falls Park

- 3/19/2015 Staff, Wilson, and City of Bellingham met onsite to review project objectives. The manhole located near the entrace of Whatcom Fall park is severelly corroded by H2S from the District LLRI outfall. The manole is made of brick and need to be replaced.
- 3/26/2015 District executes task order with Wilson to assist with developing detailed plans and notes for the manhole replacement. District staff will advertise, and contract the work, as well as perform contract administration. Wilson will provide technical assistance/submittal review as needed.
- 3/31/2015 Staff working on a solution to get old-Flat Car sewer pump station going. Flow must be diverted from the LLRI in order to install the new manhole at Whatcom Falls park later this summer.
- 4/1/2015 Wilson proceeding with topo and manhole structure survey and design.
- 5/4/2015 District staff, Wilson, and City have been coordinating for replacement of Whatcom Falls Park manhole replacement.
- 8/4/2015 Wilson finalizing plans, details, and notes for submittal to City of Bellingham for review and approval.
- 9/2/2015 Bellingham is requiring formal project submittal for review. Staff and Wilson are preparing application and documents for submittal to City. Project will not be ready for construction this year.

C1507 SVCA Louise Creek Water Main Relocation

Sudden Valley Community Association is daylighting Louise Creek which is currently piped. A District water main runs accross the proposed creek alighment and needs to be relocated. Louise Creek work is tentativley schedule for construction in summer 2016.

C1507-ADM

2/6/2015 District staff met with Wilson and WA Dept of Fish and Wildlife onsite to discuss SVCA's project to daylight a failing culvert. The District has an existing water main than crosses the proposed creek alighment. More coordination will occur as SVCA works through their design and permitting.

C1508 Northshore Road Sewer Service Area

Explore requirements to extend sewer to 80+ properties at end of Northshore Road that are currently on septic systems on shore of Lake Whatcom.

C1508-ADM

- 4/22/2015 District, Wilson, and Bob Carmichael met with County Planners Mark Personious, Gary Davis, and Matt Aamot to discuss CUP and LAMIRD options for extending sewer to properties on septic systems at end of Northshore Road.
- 4/27/2015 Wilson Task Order executed to research property data and past septic system failure rates, develop pre/post 1990 construction maps, meetings, etc.
 - 7/1/2015 Wilson continues research on septic system data.



DATE SUBMITTED:	September 1, 2015		
TO BOARD OF COMMISSIONERS			
FROM: Patrick Sorensen	MANAGER APPROVALBH		
MEETING AGENDA DATE:	September 9, 20	015	
AGENDA ITEM NUMBER:	5.D.		
SUBJECT:	Geneva A/C Mains Project - Change Order #5		
LIST DOCUMENTS PROVIDED ⇒	1. Map of Lakewood Lane		
NUMBER OF PAGES INCLUDING AGENDA BILL:	2.		
	3.		
TYPE OF ACTION REQUESTED	RESOLUTION	FORMAL ACTION/ MOTION ☑	INFORMATIONAL/ OTHER

BACKGROUND / EXPLANATION OF IMPACT

Proposed Change Order #5 for the Geneva A/C Mains Project is to add the replacement of the water main on Lakewood Lane. Staff is in the process of preparing cost estimates and details for presentation at the meeting.

FISCAL IMPACT

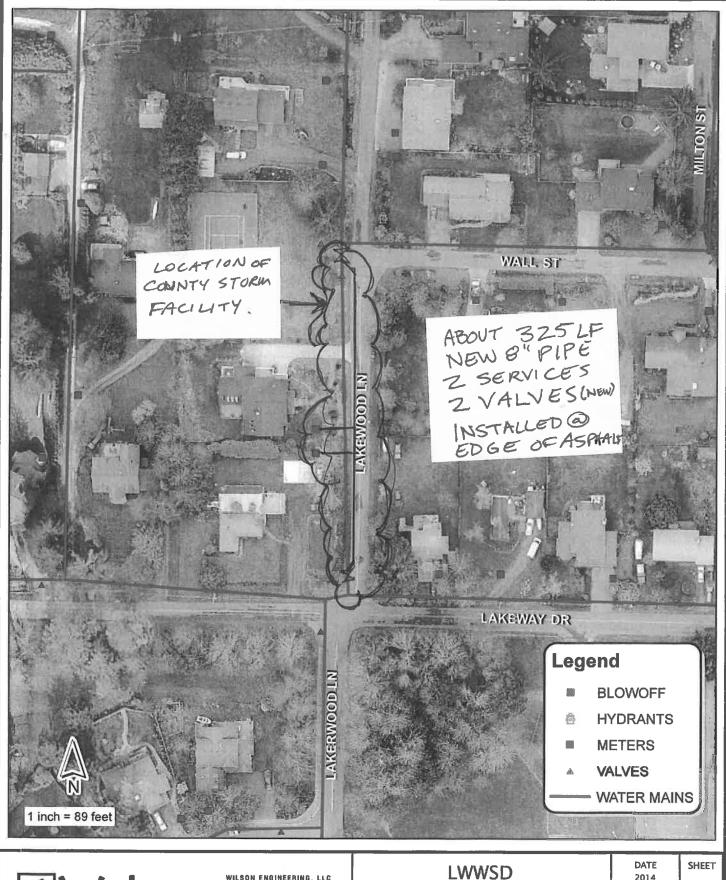
Unknown at this time.

RECOMMENDED BOARD ACTION

Consider approving Change Order #5

PROPOSED MOTION

To approve Change Order #5 for the Geneva A/C Mains Project in the amount of \$_____.





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WHATCOM COUNTY

VICINITY MAP

2014

SCALE 1:1,067

WASHINGTON

JOB NUMBER 2011-001

1

OF



DATE SUBMITTED:	August 31, 2015		
TO BOARD OF COMMISSIONERS			
FROM: Patrick Sorensen	MANAGER APPROVAL		
MEETING AGENDA DATE:	September 9, 2015		
AGENDA ITEM NUMBER:	7.0		
SUBJECT:	Manager's Report		
LIST DOCUMENTS PROVIDED ⇒	1. Manager's Report		
NUMBER OF PAGES INCLUDING AGENDA BILL:	2.		
	3.		
TYPE OF ACTION REQUESTED	RESOLUTION FORMAL ACTION / INFORMATIONAL / OTHER □		

BACKGROUND / EXPLANATION OF IMPACT

Updated information from the General Manager in advance of the Board meeting.

FISCAL IMPACT

None

RECOMMENDED BOARD ACTION

None required.

PROPOSED MOTION

None

General Manager Comments September 9, 2015

Important Upcoming Dates:

- Meetings Associated with the Lake Whatcom Management Program:
 - Policy Group Meeting: The next meeting is set for September 21, 2015 at 2:30 p.m. in the City of Bellingham's Fireplace Meeting Room located in the bottom floor of the Municipal Court Building next to the City's Information Technology Office at 625 Halleck Street. Remember, all Policy Group Meetings are publicly noticed by the District.
 - Management Meeting: The date for the next meeting with the Mayor and County Executive has not been set at this time.
- Next Regular Board Meeting: The next regular meeting will be held on Wednesday, September 30, 2015 at 8:00 a.m.
- Employee Staff Meeting: The next staff meeting is set for Thursday, September 10, 2015 at 8:00 a.m. in the Board Room. Commissioner Mc Roberts is scheduled to attend this meeting. Scheduling is rotated by alphabetical order each month.
- Employee Safety Committee Meeting: The next meeting is set for September 10, 2015 at 9:00 a.m. in the Small Conference Room.
- Washington Association of Sewer & Water Districts Section III Meeting: The
 upcoming Section III meeting will be held on Thursday, September 24, 2015 at
 7:00 a.m. at the WASWD Fall Conference & Trade Show in the Wenatchee
 Convention Center. All WASWD Section III Meetings are publicly noticed by the
 District.
- Whatcom Water District's Caucus Meeting: The next Caucus meeting is set for September 16, 2015 at 1:00 p.m. in the Board Room.

Other:

• <u>Committee Meeting Reports as Needed</u>: This is a place holder for Board and staff members to report on recent committee meeting reports since the last Board Meeting.

• <u>WASWD Fall Conference</u>: As a reminder the Fall Conference will be held at the Wenatchee Convention Center September 23 - 25. Commissioners Millar, Mc Roberts, Weide, and Ford are attending.

Because this represents a quorum the attendance will be listed, but it will reflect that this is not a formal Board meeting, and no action will be taken on District business. This is educational in nature.