

Office of

AUBURN SEWERAGE DISTRICT

Office Telephone # 784-6469

The regular monthly meeting of the Trustees of the Auburn Sewerage District will be held at the office of the Auburn Sewerage District, 268 Court Street, on Tuesday, October 21, 2014, at 4:00 P.M.

AGENDA

1. Approve Minutes of Regular Meeting of September 16, 2014.
2. Financial Report Update - *Greg Leighton*.
3. Ratify Payment of Bills
4. Open Session
5. Activity Report - *Sid Hazelton*.
6. New Business
 - 9-1-1 Bill Stuffer - approval to proceed.
 - Conant Avenue - Sewer Extension, CSO effort
 - Purchasing Policy
 - Rate Adjustment - final discussion.
 - o Discussions w/ large customers
 - o National rate comparisons
 - o Other?
 - LAWPCA Apportionment - FYI only.
 - LAWPCA 2015 Budget & Bonding
 - 2015 Budget
7. Old Business
 - Project Updates
 - o CSO efforts
 - o Sewer Liners
8. Adjourn Regular Meeting.

September 16, 2014

The regular monthly meeting of the Trustees of the Auburn Sewerage District was held at the Office of the Auburn Sewerage District, 268 Court St. on Tuesday, September 16, 2014 at 4:00PM.

Members present: Robert Cavanagh (President), Tizz Crowley (Mayor's Representative), Joseph DeFilipp, Raymond Fortier, Heidi McCarthy (Treasurer), Stephen Ness and Jeffrey Preble. Also present: John Storer, Superintendent, Sid Hazelton, District Engineer and Greg Leighton of Maine Water Company.

On motion of Jeffrey Preble, seconded by Heidi McCarthy, it was unanimously voted: **To approve the minutes of the Regular Meeting of August 19, 2014 .**

FINANCIAL REPORT –The forecast is that the District will meet budget projections.

RATIFY PAYMENT OF BILLS

On motion of Heidi McCarthy, seconded by Jeffrey Preble, it was unanimously voted: **To ratify the payment of bills in the amount of \$ 235,578.46 as shown on the printout dated August 9, 2014-September 12, 2014.**

OPEN SESSION – K.C. Geiger, Water District Trustee, was in attendance.

ACTIVITY REPORT - The sewer lining has been postponed more than Sid would have liked and will hopefully be completed this Fall. The flow meters have been installed at the Bradman St. X-Country line and waiting for a real storm event to see what will happen.

MMA INSURANCE REBATE – FYI only

AUTHORIZE PURCHASE OF NEW MINI-LOADER

The Water District rented a John Deere 324 from Hammond Tractor for one day and used it on Hotel Rd. This unit did not meet the District's needs. The District had been given a verbal quote of around \$90,000. The District also rented a Caterpillar 907 from K & K Excavation which was used for the bulk of the Hotel Rd. Project. This unit was also verbally priced in the \$90,000 range but did not meet the District's needs. The District rented the JCB 409B from Northland Industrial of Lewiston which was used on the Fifth St. sewer main replacement project and currently being used on the South Main Street water main replacement project. This unit meets the District's needs in terms of visibility, power, reach and has a 6' bucket. JCB will credit 70% of the rental fee towards the purchase of the unit at a final cost of \$67,169.70. This is a new loader and comes with a full 2 year 2000 hour warranty which starts after the purchase. The recommendation was made to purchase the JCB 409B at the price of \$67,169.70. The Water District will share half of the cost. Tizz Crowley expressed her concern that the Lease Purchase Agreement was a way to get around the Bid Process. She would like the District to keep this in mind for future consideration.

On motion of Stephen Ness, seconded by Heidi McCarthy, it was voted: **To approve the purchase of the JCB 409B mini loader from Northland Industrial at a price of \$67,169.70 subject to approval by the Water District Trustees.**

ETHICS POLICY – This item was put on hold for another month or so. The Maine Water Utilities Association has an upcoming seminar titled “ Ethics and Drinking Water System Operation”. Superintendent Storer will try to attend. Trustee Raymond Fortier told the Trustees that years ago the District had a simple Ten Rules of Conduct.

On motion of Joseph DeFilipp, seconded by Stephen Ness, it was unanimously voted: **To table the Ethics Policy to the November meeting.**

FINALIZE PROPOSED RATE INCREASE - The recommendation was made by Superintendent Storer and Greg Leighton to go with 2% Industrial, 2% Capacity and increase the usage charge from \$2.09 to \$2.45 per 100 cu. Ft. The District will send a Notice of Rate Increase to its customers. Superintendent Storer suggested a Public Hearing on October 21st at 5:30pm to coincide with the Regular Meeting at 4:00pm. The meeting could be held at either the Library or the Council Chambers.

On motion of Tizz Crowley, seconded by Raymond Fortier, it was unanimously voted: **To approve a 9% Revenue Adjustment (2% Industrial, 2% Capacity and usage increase from \$2.09 to \$2.45 per 100 cu ft.).**

Superintendent Storer will call the Industrial users to inform them of the vote.

LAWPCA APPORTIONMENT –FYI only

POTENTIAL GIS COOPERATION AND PARTNERSHIP - No vote necessary. This is the start of something that will be very beneficial to the District and the City. Sid Hazelton and Superintendent Storer will meet with the City staff and work up an Inter-Local Agreement. The District will want to re-evaluate the Agreement if a change of status of employment occurs. Trustee Heidi McCarthy suggested an article in the Sun-Journal about the Partnership. Superintendent Storer will call Rex Rhoades of the Sun-Journal.

OLD BUSINESS

PROJECT UPDATES –

CSO EFFORTS – The District has five years to go.

SEWER REPLACEMENTS/SEWER LINERS - Ted Berry is wrapping up the cleaning and to report to Insituform. The deadline is November to get the project completed. The District expects Insituform to honor that deadline.

ADJOURN REGULAR MEETING

On motion of Tizz Crowley, seconded by Joseph DeFilipp, it was unanimously voted: **To adjourn the meeting.**

**AUBURN SEWERAGE DISTRICT
OPERATING STATEMENT - TRUSTEES' REPORT
NINE MONTHS ENDED SEPTEMBER 30, 2014**

	September	2014	Y-T-D THRU SEPTEMBER 2014		
	YTD - 2013	BUDGET	ACTUAL	BUDGET	VARIANCE
<u>REVENUES:</u>					
Metered Income	\$2,343,700	\$3,241,614	2,369,968	\$2,431,211	(\$61,242)
Industrial Surcharge	386,429	538,774	419,540	404,081	15,460
Public Basins	33,196	53,892	20,696	40,419	(19,723)
Jobbing & Mdse.	20,635	20,000	16,317	15,000	1,317
Sewer Assessments	30,482	26,031	11,661	19,523	(7,862)
Finance Charges	11,237	14,913	13,013	11,185	1,829
Interest Income	1,535	2,119	1,452	1,589	(137)
Industrial Treatment Sampling	46,200	46,200	46,200	34,650	11,550
Capacity Fees (SDS)	11,750	12,125	6,375	9,094	(2,719)
TOTAL REVENUES	2,885,164	3,955,668	2,905,223	2,966,751	(61,528)
			73.44%	75.00%	< Standard
<u>EXPENSES:</u>					
Payroll	260,946	370,559	278,680	277,919	761
Employee Benefits	132,106	191,868	139,897	143,901	(4,004)
Maint. of Sewers	51,020	61,110	40,076	45,833	(5,757)
Lift Stations	74,372	92,814	77,904	69,611	8,293
Maint. of Buildings	26,033	34,649	29,113	25,987	3,126
Maint. of Trucks	11,032	16,556	18,596	12,417	6,179
Office Expense	21,272	27,754	20,571	20,816	(245)
Collection Expense	(4,132)	(5,182)	(18,010)	(3,887)	(14,124)
General Expense	16,638	14,326	3,119	10,745	(7,625)
Insurance	28,400	54,276	41,378	40,707	671
Legal & Accounting Fees	24,206	32,462	30,860	24,347	6,514
Billing Expense	58,216	62,996	60,609	47,247	13,362
L.A.W.P.C.A.	1,687,666	2,129,957	1,704,964	1,597,468	107,496
SUB-TOTAL	2,387,775	3,084,145	2,427,757	2,313,109	114,648
Interest	76,765	90,412	76,980	67,809	9,171
TOTAL EXPENSES	2,464,540	3,174,557	2,504,737	2,380,918	123,819
			78.90%	75.00%	< Standard
Bonds - Principal Payments	421,459	467,743	426,351	350,807	75,544
SURPLUS FROM OPERATIONS	(835)	313,368	(25,865)	235,026	(260,891)

Auburn Sewerage District
Accounts Payable Alpha Check Register
September 13, 2014 thru October 17, 2014

10/17/2014

<u>Check #</u>	<u>Date</u>	<u>Per</u>	<u>Vendor</u>	<u>Invoice Date</u>	<u>Inv #</u>	<u>Description</u>	<u>Amount</u>
3595	9/19/2014	9	Ace Detective& Security	9/15/2014	6824	Flagging Sewer Line-Academy&H	<u>264.00</u>
Vendor Total:							264.00
3596	9/19/2014	9	Andros. Registry Of Deeds	9/17/2014	1798	release lien	<u>22.00</u>
Vendor Total:							22.00
3608	9/26/2014	9	Andros. Registry Of Deeds	9/24/2014	1802	place liens	<u>22.00</u>
Vendor Total:							22.00
3625	10/10/2014	10	Andros. Registry Of Deeds	10/8/2014	1807	release liens	<u>44.00</u>
Vendor Total:							44.00
3634	10/17/2014	10	Andros. Registry Of Deeds	10/16/2014	1811	release lien	<u>22.00</u>
Vendor Total:							22.00
3609	9/26/2014	8	Auburn Water District	9/11/2014	Bk26Pg58	August	<u>753.00</u>
3609	9/26/2014	8	Auburn Water District	9/11/2014	Bk26Pg58	August	<u>26.45</u>
3609	9/26/2014	8	Auburn Water District	9/11/2014	Bk26Pg58	August	<u>386.40</u>
3609	9/26/2014	8	Auburn Water District	9/11/2014	Bk26Pg58	August	<u>193.17</u>
3609	9/26/2014	8	Auburn Water District	9/11/2014	Bk26Pg58	August	<u>532.99</u>
3609	9/26/2014	8	Auburn Water District	9/11/2014	Bk26Pg58	August	<u>79.99</u>
3609	9/26/2014	8	Auburn Water District	9/11/2014	Bk26Pg58	August	<u>272.00</u>
3609	9/26/2014	8	Auburn Water District	9/11/2014	Bk26Pg58	August	<u>691.56</u>
3609	9/26/2014	8	Auburn Water District	9/11/2014	Bk26Pg58	August	<u>3,640.82</u>
3609	9/26/2014	8	Auburn Water District	9/11/2014	Bk26Pg58	August	<u>278.10</u>
3609	9/26/2014	8	Auburn Water District	9/11/2014	Bk26Pg58	August	<u>420.94</u>
3609	9/26/2014	8	Auburn Water District	9/11/2014	Bk26Pg58	August	<u>1,870.00</u>
3609	9/26/2014	8	Auburn Water District	9/11/2014	Bk26Pg58	August	<u>24.00</u>
3609	9/26/2014	8	Auburn Water District	9/11/2014	Bk26Pg58	August	<u>249.18</u>
3609	9/26/2014	8	Auburn Water District	9/11/2014	Bk26Pg58	August	<u>461.30</u>
3609	9/26/2014	8	Auburn Water District	9/11/2014	Bk26Pg58	August	<u>56.71</u>
3609	9/26/2014	8	Auburn Water District	9/11/2014	Bk26Pg58	August	<u>75.60</u>
3609	9/26/2014	8	Auburn Water District	9/11/2014	Bk26Pg58	August	<u>1,207.00</u>
3609	9/26/2014	8	Auburn Water District	9/11/2014	Bk26Pg58	August	<u>1,202.36</u>
3609	9/26/2014	8	Auburn Water District	9/11/2014	Bk26Pg58	August	<u>321.42</u>
3609	9/26/2014	8	Auburn Water District	9/11/2014	Bk26Pg58	August	<u>1,845.46</u>
3609	9/26/2014	8	Auburn Water District	9/11/2014	Bk26Pg58	August	<u>522.63</u>
3609	9/26/2014	8	Auburn Water District	9/11/2014	Bk26Pg58	August	<u>743.05</u>
3609	9/26/2014	8	Auburn Water District	9/11/2014	Bk26Pg58	August	<u>33.92</u>
3609	9/26/2014	8	Auburn Water District	9/11/2014	Bk26Pg58	August	<u>120.19</u>
3609	9/26/2014	8	Auburn Water District	9/11/2014	Bk26Pg58	August	<u>9.74</u>
3609	9/26/2014	8	Auburn Water District	9/11/2014	Bk26Pg58	August	<u>6.80</u>
3609	9/26/2014	8	Auburn Water District	9/11/2014	Bk26Pg58	August	<u>29.88</u>
3609	9/26/2014	8	Auburn Water District	9/11/2014	Bk26Pg58	August	<u>37.56</u>
3609	9/26/2014	8	Auburn Water District	9/11/2014	Bk26Pg58	August	<u>3,903.97</u>
3609	9/26/2014	8	Auburn Water District	9/11/2014	Bk26Pg58	August	<u>3,520.43</u>
3609	9/26/2014	9	Auburn Water District	9/12/2014	Bk26Pg58	bi annual meters	<u>25,000.00</u>
Vendor Total:							48,516.62
3633	10/10/2014	9	C.N. Wood North, INC.	9/18/2014		Vac Truck Training 2 days - 3 Emj	<u>1,200.00</u>

						Vendor Total:	1,200.00
3597	9/19/2014	9	Constellation NewEnergy, Inc.	9/5/2014	17254450	Worthley Brook	<u>304.54</u>
						Vendor Total:	304.54
3617	10/3/2014	9	Constellation NewEnergy, Inc.	9/11/2014	17400648	River Station	<u>377.74</u>
3617	10/3/2014	9	Constellation NewEnergy, Inc.	9/12/2014	17463533	Moose Brook	<u>238.88</u>
3617	10/3/2014	9	Constellation NewEnergy, Inc.	9/11/2014	17401229	Lewiston Jct	<u>226.78</u>
						Vendor Total:	843.40
3626	10/10/2014	9	Constellation NewEnergy, Inc.	9/18/2014	17579456	Washington St	<u>146.61</u>
3626	10/10/2014	9	Constellation NewEnergy, Inc.	9/18/2014	17578312	Morrow Rd	<u>27.28</u>
3626	10/10/2014	9	Constellation NewEnergy, Inc.	9/25/2014	17823172	Bradman St	<u>91.69</u>
						Vendor Total:	265.58
3614	9/26/2014	9	E.J. Prescott, Inc.	9/4/2014	4850732	vas usage	<u>604.70</u>
						Vendor Total:	604.70
3631	10/10/2014	9	E.J. Prescott, Inc.	9/17/2014	4856848	vas usage	<u>401.93</u>
3631	10/10/2014	9	E.J. Prescott, Inc.	9/17/2014	4856848	vas usage	<u>174.58</u>
						Vendor Total:	576.51
3639	10/17/2014	9	E.J. Prescott, Inc.	9/26/2014	4861724	vas usage	<u>41.04</u>
3639	10/17/2014	9	E.J. Prescott, Inc.	9/26/2014	4861724	vas usage	<u>331.99</u>
						Vendor Total:	373.03
3627	10/10/2014	10	East Coast Sign	10/2/2014	7141	tk#37 decals	<u>116.00</u>
						Vendor Total:	116.00
3618	10/3/2014	9	Eastern Fire Services, Inc.	9/23/2014	737238	calibrate sewer meter	<u>110.00</u>
						Vendor Total:	110.00
3635	10/17/2014	10	Eastern Fire Services, Inc.	9/30/2014	737502	gas monitor	<u>1,820.00</u>
						Vendor Total:	1,820.00
3619	10/3/2014	9	Gagne & Sons	9/25/2014	35736	manholes-Whitney	<u>84.76</u>
						Vendor Total:	84.76
3598	9/19/2014	10	Group Dynamic, Inc.	9/11/2014	1799	Oct	<u>33.00</u>
						Vendor Total:	33.00
3607	9/26/2014	9	James Melloh	9/24/2014	1801	customer refund	<u>21.00</u>
						Vendor Total:	21.00
3599	9/19/2014	8	L.A.W.P.C.A.	8/26/2014	459	2008FR-Bond Pymnt	<u>27,900.04</u>
3599	9/19/2014	8	L.A.W.P.C.A.	8/26/2014	460	2001FS-Bond Pymnt	<u>53,909.66</u>
3599	9/19/2014	8	L.A.W.P.C.A.	8/26/2014	0462	2011FR-Bond Pymnt	<u>375,487.29</u>
3599	9/19/2014	8	L.A.W.P.C.A.	8/26/2014	464	2005FR-Bond Pymnt	<u>49,535.93</u>
3599	9/19/2014	8	L.A.W.P.C.A.	8/26/2014	467	2010FR-Bond Pymnt	<u>66,430.74</u>
						Vendor Total:	573,263.66
3612	9/26/2014	9	L.A.W.P.C.A.	9/4/2014	468	Sept	<u>108,496.67</u>
3612	9/26/2014	9	L.A.W.P.C.A.	9/5/2014	471A	2003A LTD	<u>85,746.55</u>
						Vendor Total:	194,243.22
3620	10/3/2014	9	L.A.W.P.C.A.	9/12/2014	613	4 vac truck loads	<u>740.00</u>
						Vendor Total:	740.00
3600	9/19/2014	9	Lebel's Heating&Sheet Metal	9/9/2014	14-804	tk#37-aluminum brackets	<u>144.00</u>
						Vendor Total:	144.00
3636	10/17/2014	10	Longchamps & Sons, Inc.	10/16/2014	11325	boring test-CSO-Conant St	<u>700.00</u>
						Vendor Total:	700.00
3622	10/3/2014	9	Maine Municipal Assoc.	9/15/2014	68363	unemploy-4th pmt	<u>445.25</u>

3622	10/3/2014	10	Maine Municipal Assoc.	10/1/2014	68042	worker comp-4th pmt	<u>1,512.45</u>
Vendor Total:							1,957.70
3602	9/19/2014	9	Maine Municipal Bond Bank	8/20/2014	10-1-14-20	2004FS	<u>7,961.16</u>
3602	9/19/2014	9	Maine Municipal Bond Bank	8/20/2014	10-1-14-20	2004FS	<u>61,477.03</u>
3602	9/19/2014	9	Maine Municipal Bond Bank	8/20/2014	10-1-14-11	2009FS	<u>2,445.04</u>
3602	9/19/2014	9	Maine Municipal Bond Bank	8/20/2014	10-1-14-25	2001FSFR	<u>8,656.53</u>
3602	9/19/2014	9	Maine Municipal Bond Bank	8/20/2014	10-1-14-25	2001FSFR	<u>74,928.34</u>
Vendor Total:							155,468.10
3603	9/19/2014	9	Maine Municipal Emp.Hlth.	9/10/2014	1797	Oct health ins-District	<u>5,994.09</u>
3603	9/19/2014	9	Maine Municipal Emp.Hlth.	9/10/2014	1797	Oct health ins-Life Ins	<u>111.00</u>
3603	9/19/2014	9	Maine Municipal Emp.Hlth.	9/10/2014	1797	Oct health ins-Ipp	<u>244.68</u>
3603	9/19/2014	9	Maine Municipal Emp.Hlth.	9/10/2014	1797	Oct health ins-Dental	<u>557.22</u>
3603	9/19/2014	9	Maine Municipal Emp.Hlth.	9/10/2014	1797	Oct health ins-Employee	<u>1,057.81</u>
Vendor Total:							7,964.80
3604	9/19/2014	8	Maine Radio	8/29/2014	94739	tk#37 radio	<u>100.67</u>
Vendor Total:							100.67
3638	10/17/2014	9	Northern Data Systems Inc	9/30/2014	9674	disconnect notices	<u>529.93</u>
Vendor Total:							529.93
3605	9/19/2014	9	Spencer Group	9/11/2014	797	Minot Ave-Manholes	<u>110.00</u>
Vendor Total:							110.00
3615	9/26/2014	9	Spencer Group	9/24/2014	815	Second St Walkway-Manholes	<u>808.50</u>
3615	9/26/2014	9	Spencer Group	9/22/2014	813	Bradman, 3rd, Margaritas-Manhol	<u>552.75</u>
Vendor Total:							1,361.25
3623	10/3/2014	9	Spencer Group	9/26/2014	822	Whitney St-Manholes	<u>440.00</u>
Vendor Total:							440.00
3640	10/17/2014	10	Spencer Group	10/10/2014	845	Whitney St-Manholes	<u>110.00</u>
Vendor Total:							110.00
3624	10/3/2014	9	Tessco Inc	9/17/2014	594296	E-3 antenna	<u>624.46</u>
Vendor Total:							624.46
3601	9/19/2014	9	Treasurer, State of Maine	9/15/2014	1796	Desjardins w/e 9/14	<u>82.00</u>
Vendor Total:							82.00
3613	9/26/2014	9	Treasurer, State of Maine	9/22/2014	1800	Desjardins w/e 9/21	<u>82.00</u>
Vendor Total:							82.00
3621	10/3/2014	9	Treasurer, State of Maine	9/29/2014	1804	Desjardins w/e 9/28	<u>82.00</u>
Vendor Total:							82.00
3630	10/10/2014	10	Treasurer, State of Maine	10/6/2014	1808	Desjardins w/e 10/5	<u>82.00</u>
Vendor Total:							82.00
3637	10/17/2014	10	Treasurer, State of Maine	10/14/2014	1810	Desjardins w/e 10/12	<u>82.00</u>
Vendor Total:							82.00
3632	10/10/2014	9	UNITIL ME	9/26/2014	1803	Green Turtle	<u>59.39</u>
Vendor Total:							59.39
3606	9/19/2014	9	US Bank Corporate Trust Bost	8/29/2014	1795	2003A & 2003C	<u>56,606.23</u>
3606	9/19/2014	9	US Bank Corporate Trust Bost	8/29/2014	1795	2003A & 2003C	<u>43,983.98</u>
Vendor Total:							100,590.21
3629	10/10/2014	9	Vantagepoint Transfer Agent-1	9/30/2014	1805	ICMA-401	<u>1,882.26</u>
Vendor Total:							1,882.26
3628	10/10/2014	9	Vantagepoint Transfer Agent-2	9/30/2014	1806	ICMA-457	<u>883.81</u>

						Vendor Total:	883.81
3616	9/26/2014	9	Wright-Pierce	9/10/2014	95530	Sewer Rate Study	<u>3,310.46</u>
						Vendor Total:	3,310.46
3641	10/17/2014	10	Wright-Pierce	10/9/2014	95968	CSO-sewer	<u>2,158.93</u>
						Vendor Total:	2,158.93
<u>Grand Total:</u>							<u>1,102,295.99</u>

Net Payroll + taxes 30,011.01
 \$ 1,132,307.00

**ASD BILLS PAID
9/30/2014**

VENDOR	REF	AWD G/L #	ASD G/L #	Amount
Auburn Water District	shared employees benefit allocation - Sept	1604-000	2604-000	\$ 1,111.57
Auburn Water District	shared employees wage allocation - Sept	1685-000	2601-600	\$ 2,470.16
Auburn Water District	petty cash-tk#35 hose	1142-300	2650-123	\$ 12.60
Auburn Water District	chargeback and transfer adjustments	1142-300	2675-800	\$(1,048.75)
Auburn Water District	petty cash-mileage, tolls, gift cert Tribou	1142-300	2675-800	\$ 61.55
Auburn Water District	petty cash-shop supplies	1142-300	2620-500	\$ 2.74
City of Auburn	gas for month of Aug	1142-300	2650-120	\$ 194.06
City of Auburn	gas for month of Aug	1142-300	2650-121	\$ 282.64
City of Auburn	gas for month of Aug	1142-300	2650-124	\$ 150.21
Beltone Answering Service	answering service - Sept	1142-300	2675-800	\$ 27.50
Beltone Answering Service	answering service - panic buttons-Sept	1142-300	2675-800	\$ 4.98
Bisson Enterprises, Inc.	office cleaning - Sept	1142-300	2675-500	\$ 282.50
Central Maine Power	power @ 268 Court Street - Sept	1142-300	2615-500	\$ 157.87
Central Maine Power	power @ 268 Court Street - Sept	1142-300	2615-800	\$ 78.93
Computer Help	Sue's computer	1142-300	2340-000	\$ 824.50
Constellation NewEnergy	energy charge @ 268 Court Street - Sept	1142-300	2615-500	\$ 191.66
Constellation NewEnergy	energy charge @ 268 Court Street - Sept	1142-300	2615-800	\$ 95.81
Critical Alert	pagery Sept	1142-300	2675-600	\$ 96.92
Curry Printing	courtsey & shut off door hangers	1142-300	2620-800	\$ 134.01
Dig Safe System, Inc.	estimated cost - Sept	1142-300	2675-600	\$ 311.51
DirigoNet	domain fee - email spam -Sept	1142-300	2675-800	\$ 25.00
G&G Landscaping	Sept mowing	1142-300	2675-100	\$ 1,207.00
Gilman's	connector, strap, staples	1142-300	2620-500	\$ 14.53
Gilman's	locator D batteries	1142-300	2675-600	\$ 21.17
Goodman Wiper	rags	1142-300	2620-500	\$ 36.25
Great American Financial	Konica Digital Copier - lease - Sept	1142-300	2675-800	\$ 107.61
Home Depot	Court St-silicone, metal shelving	1142-300	2620-500	\$ 288.57
Home Depot	tk #37 trays, bins	1142-300	2105-876	\$ 49.80
Home Depot	vac truck-flashlights, gloves	1142-300	2650-123	\$ 76.39
Home Depot	River station shelving unit	1142-300	2620-204	\$ 38.97
K & K Excavation	Fifth St move	1142-300	2105-873	\$ 135.00
Kennebec Equipment	12" blade	1142-300	2620-500	\$ 4.23
City of Lewiston	wages and benes - Dan Rodrigue - Sept	1142-300	2601-600	\$ 1,477.67
City of Lewiston	wages and benes - Dan Rodrigue - Sept	1142-300	2604-000	\$ 574.23
City of Lewiston	wages and benes - Dan Rodrigue - Sept	1142-300	2658-000	\$ 45.96
Lowe's	Poland dehumidifier (2)	1142-300	2620-200	\$ 407.22
Lowe's	Green Turtle dehumidifier	1142-300	2620-205	\$ 203.61
Lowe's	Bradman dehumidifier	1142-300	2620-209	\$ 203.61
Maine State Retirement System	retirement contribution - Sept	1142-300	2604-000	\$ 1,341.40
Maine State Retirement System	retirement contribution - Sept	1142-300	2241-040	\$ 33.92
Maine State Retirement System	retirement contribution - D Tribou Adj	1142-300	2604-000	\$ 76.85
Maine State Retirement System	retirement contribution - Sept -D Hamann	1241-050	2241-050	\$ 9.74
Maine State Retirement System	retirement contribution - Sept -D Hamann	1241-070	2241-070	\$ 37.56
Maine State Retirement System	retirement contribution - Sept -D Hamann	1241-065	2241-065	\$ 29.88
Maine Water Company	accounting services - Greg Leighton - Sept	1142-300	2632-800	\$ 1,760.00
WB Mason	paper, greenbar	1142-300	2620-800	\$ 84.99
WB Mason	trash bags	1142-300	2620-500	\$ 25.50
WB Mason	k cup coffee	1142-300	2675-500	\$ 27.98
WB Mason	post its, pencils, calculator tape, pens, sharpies	1142-300	2620-800	\$ 87.64
WB Mason	trash bags	1142-300	2620-500	\$ 8.78
WB Mason	binder clips	1142-300	2620-800	\$ 9.08
Muscular Dystrophy Association	donation	1142-300	2675-800	\$ 40.00
Napa	tk #37-relays, fuses, holders	1142-300	2105-876	\$ 52.64
Napa	antifreeze 6 gallons	1142-300	2620-500	\$ 32.31
Ness Oil	Sept diesel	1142-300	2620-600	\$ 552.76
New England Crane	eye & eye sling	1142-300	2620-500	\$ 78.60
New England Crane	chain sling	1142-300	2620-500	\$ 397.36
Northern Data Systems	customer billing - Sept	1142-300	2675-700	\$ 756.15
Northern Data Systems	quarterly H/W maint	1142-300	2677-840	\$ 193.50
Oxford Networks	telephone service - Sept	1142-300	2676-800	\$ 120.89
Pine Tree Waste	bulk waste - Sept	1142-300	2675-500	\$ 59.02
Pitney Bowes	postage	1142-300	2675-700	\$ 600.00
Pitney Bowes	postage	1142-300	2675-800	\$ 400.00
Reggie's	trimmer head for weed wacker	1142-300	2620-500	\$ 5.12
Rent It	barn gutters-bucket & harness	1142-300	2620-500	\$ 86.58
John Storer	business mileage reimbursement - Sept	1142-300	2675-500	\$ 175.00
U.S. Cellular	cell phones - Sept	1142-300	2676-500	\$ 437.00
U.S. Cellular	small account - Sept	1142-300	2676-500	\$ 4.68
United Way	employee contribution - sept	1142-300	2241-000	\$ 30.00
Unitil	268 Court Street - Sept	1142-300	2620-500	\$ 161.79
Zee Medical	first aid supplies- office box	1142-300	2675-500	\$ 57.55
Zep	disinfectant, grease	1142-300	2620-500	\$ 57.35

\$18,191.41

AUBURN SEWERAGE DISTRICT

MONTHLY ACTIVITY REPORT

September 2014

MAINS

Location	Ck'd	Comments	OK	Plug	Maint.	Misc.	New
Roak St @ Fifth St	1	Jet and vacuum mains			1		
Sixth St @ Gill St	1	Jet and vacuum mains			1		
Fourth St, Roak St, Fifth St	1	Jet and vacuum mains			1		
Minot Av, Heath Ln, ESM	1	Jet and vacuum mains			1		
Auburn Concrete (Ted Berry)	1	remove concrete build up in MH				1	
Turner St, TD Bank to Royal Oaks	1	Check mains			1		
Manley Rd , Seventh St	1	Check mains			1		
Third, Fourth, Second, Gill	1	Jet and vacuum mains			1		
Haskell St	1	Cave-in - caused by old tel. pole	1				
Main St @ Miller St	1	Video 12" storm drain - cave-in				1	
Minot Av @ Pride Rd	1	Jet and vacuum manhole			1		
High St @ Academy St	1	Ted Berry - sewer lining project			1		
Gill St @ dead end	1	Jet and vacuum mains			1		
UV Plant force main	1	repair leak				1	
Minot @ Tim Horton, Glendale Av	1	Jet and vacuum mains			1		
Monthly Totals	15		1	0	11	3	0
2013 Monthly Totals	18		1	0	17	0	0
YTD Totals	82		4	5	54	17	2

MANHOLES

Location	Ck'd	Comments	OK	Cover	Misc.	Frame & Cover	New
Center St @ Lee Auto	1	Look for new flow monitor location			1		
Niskayuna St @ Turner St	1	Missing MH cover - change out		1			
Whitney St	1	Jackhammer manholes			1		
Whitney St, Boulder Dr	1	Mark out MHs to be raised			1		
Whitney St	1	Raise 4 manholes				1	
Pride Rd @ Minot Av	1	Repair manhole				1	
Margarita's rear parking lot	1	Replace broken frame & cover				1	
Second St - Little Andy Park	1	Repair busted manhole				1	
Monthly Totals	8		0	1	3	4	0
2013 Monthly Totals	1		0	0	1	0	0
YTD Totals	63		1	4	31	27	0

OVERFLOWS

Item	Comments
No activity	
Monthly Totals	0
YTD Totals	2

WEATHER*

Month	Precipitation					Temperature			
	Snowfall (in.)	Total (in)	Heating Degree Days	Normal Precip	Days of Precip.	Max. (°F)	Min. (°F)	Avg. (°F)	Dep. from Norm
January	8.0	3.53	1336	3.26	9	50	-18	19	-0.5
February	30.2	4.86	1261	2.55	14	48	-7	20	-2.9
March	17.0	3.47	1265	3.64	13	48	-7	24	-8.5
April	0.0	2.99	683	3.78	11	71	19	42	-1.7
May	0.0	5.41	342	3.9	14	80	32	54	-1.4
June	0.0	2.81	112	3.58	9	87	41	62	-2.4
July	0.0	8.94	1	3.43	15	89	50	69	-1.1
August	0.0	5.23	38	3.25	11	88	46	68	-0.7
September	0.0	0.42	238	3.6	5	84	32	58	-1.9
October									
November									
December									
YTD Totals	55.20	37.66							

* From www.wunderground.com

DIG SAFE

Month	Total	Contractors	MDOT	AHD	School Dept.	Lewisston Water	Fairpoint	AWD	CMP	ASD	GAS	MTA
January	60	21	1	15	0	0	0	12	10	0	1	0
February	38	13	1	2	0	0	0	9	12	0	1	0
March	49	25	1	18	0	0	0	1	2	0	2	0
April	166	72	2	37	0	0	0	6	9	2	34	4
May	156	95	2	21	0	0	6	5	10	0	17	0
June	182	91	0	60	0	3	7	3	8	0	9	1
July	160	77	3	22	10	0	1	3	7	4	33	0
August	123	69	0	25	0	1	2	4	7	0	14	1
September	151	70	2	30	0	0	0	4	7	0	38	0
October												
November												
December												
YTD Totals	1085	533	12	230	10	4	16	47	72	6	149	6
2013 Totals	1112	474	27	270	1	7	13	50	99	4	166	1

DUTY FOREMAN CALLS

(Overtime)

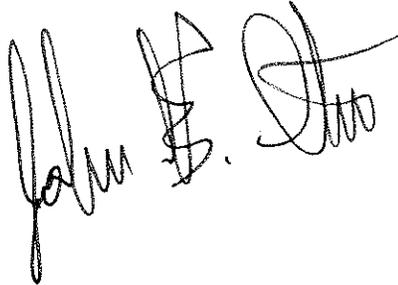
Districts	Total	High/Low Pressure	Water Quality	Alarms	Sewer Service	Leak	Misc.	Locates	Hydrants	Meter	Fire Calls
Sewerage District	3			1	1	0	1	0	0	0	0
Water District	12	0	3	3		1	4	0	0	0	1
Monthly Totals	15	0	3	4	1	1	5	0	0	0	1
2013 Monthly Totals	16	0	2	7	3	1	3	0	0	0	0
YTD Totals	127	1	20	29	13	10	38	10	1	0	5

OTHER ACTIVITIES

1. Move sewer flow monitors to new locations upstream - Center St / Lee Auto
2. Enmet training
3. Conant Av - smoke test private catch basin - basin is connected to sewer
- 4.
- 5.
- 6.

Memo

To: Water & Sewerage District Trustees
From: John Storer
CC: Files
Date: October 17, 2014
Re: Clarification on some Agenda Items



Issuing a single memo this month that will touch upon some items for both the Water & Sewerage District Boards. In issuing separate memo's there was a lot of duplicity.

9-1-1 Bill Stuffer (both Districts)

The Fire Department would like to include a bill stuffer about calling 9-1-1 for emergencies. The Fire Department would provide the flyers and pay our direct costs for handling the flyers. Our billing contractor estimates it will only cost about \$0.054 per bill, so less than 5½ cents per customer.

We only have 1 of the flyers and will have it available at our Trustee Meetings.

Fire Chief Frank Roma dropped off a sample tri-fold brochure. I was out of the office, so I missed connecting with Chief Roma. My understanding of the situation is the Auburn Fire Department is expanding service to provide ambulance transport. Logically, if you call 9-1-1 you will get a city-dispatched ambulance. But apparently United Ambulance is instructing people to call them directly and NOT 9-1-1. I have not followed up in any more detail, but figure it is a Trustee decision as to what information we want to be allowed into our customer bills. I personally would support this effort, especially since there is no cost to us.

I could see limiting the content of the stuffers to not allow for things such as religious functions, political activities, or commercial advertising. I would have to check with Public Utilities Commission, but one extreme is that we could possibly charge a fee to allow for advertising, but that isn't really why we operate – but maybe something for future discussion?

Purchasing Policy (both Districts)

Office Manager Tanya Johnson tried to reach out to several other water utilities to see what they had for both an Ethics Policy and a Purchasing Policy. We didn't get responses from some entities, but found that some similar size utilities such as the Bangor Water District and Kennebunk, Kennebunkport & Wells Water District had a general philosophy but nothing definitive in a written document. Counter to that, the City of Lewiston and the Portland Water District both had detailed, written plans. But these entities also are large enough to have full time positions in a procurement or purchasing department.

I don't believe we need a Purchasing Policy. Our approach to capital purchases is to bring most every item to Trustees for discussion and approval. The only times we haven't taken this approach is when we allocate a set amount annually for something like computer replacements or office renovations. We will buy computers as necessary without Trustee approval.

We have tried to foster an operational philosophy of fiscal prudence that extends to every person on the crew. Sid and I have to make operational decisions daily and the constant question is how to make the most cost effective decision. Can we buy in bulk? Can it be fixed, or do we have to replace it? Can we partner with Lewiston or Auburn to get a better rate? Can it wait? There are regular cost-benefit questions that can't be captured clearly in a written document or policy.

I would also suggest that we haven't always gone with the lowest bidder. I believe we had one truck purchase where we went with the local Auburn vendor, as opposed to an out-of-town vendor that had a price of a few hundred dollars cheaper. We also bought a large diesel air compressor for the Sewer District and did not select the low bidder, as the second place vendor manufactured a model that we had in service with the Water District, so there was familiarity with the unit.

Please keep in mind that in regards to transparency and public scrutiny, the Trustees get to see each and every check that we issue.

Conant Avenue (Sewerage District)

We discovered a disappointing CSO issue on Conant Avenue. Six homes on the upper end of Conant have private driveway catch basins that connect to our sewer. Sid is currently working on a cost estimate to address the issue. We would like to discuss utilizing some of our 2014 CSO budget to extend a sewer line up the final end of Conant to provide new sewer lines to the six houses. The existing combined line would then remain in service and get connected over to the storm drain system.

The reason the situation is disappointing is that we thought the area had been completely separated in terms of CSO's. In 2000 there was a construction project to run a new sewer line up Conant. The old line remained in service to collect stormwater. Unfortunately, it appears the new sewer line only ran far enough up Conant to address the existing street catch basins. Not sure why the new line was not extended farther up Conant? It may have been because there is a significant amount of ledge (bedrock) on the upper pieces. So in terms of a cost-benefit, it is going to be very costly to remove the six small private basins.

We hoped to focus 2014 budget money on larger CSO issues, i.e. addressing potential sources with larger stormwater contributions, but there are a couple of other factors that have us recommending to proceed. We allocated \$250,000 in 2014 towards CSO elimination efforts, which we hoped to address with our own construction crew. But they've been held up with the water main project on South Main Street. We still expect to be able to tackle some CSO projects before year end, but Sid is working with 3 local contractors to obtain pricing for Conant. It is a project that although difficult, is relatively straightforward. For the sake of timing, we could award the project to an outside contractor, allowing our crew to tackle a hodge-podge of other CSO projects. The majority of the remaining CSO work is addressing various defects throughout the system. There aren't any identified projects where we have to run new sewer or storm drains up a street.

Another factor is that the owner of 75 Park Avenue is renovating the old house there and needs a new sewer service. 75 Park Avenue has been abandoned for some time and the old sewer line used to run cross-country and connected to Court Street. The old line was videoed internally and there are blockages on each end. Greg Stone is renovating 75 Park Avenue and would also like to subdivide the 8 acre parcel into a few more house lots. In order to subdivide the lots, he needs a new sewer line that would connect down to Conant Avenue. Rehabbing the old line to Court Street would not allow for gravity flow from the subdivided lots.

Mr. Stone would be required to bear the full price of running sewer from his property out to our public portion in the street. We can discuss additional cost contributions for funding the extension up Conant. There are 2 ways to look at a cost share for Mr. Stone. By the end of 2019 our CSO Master Plan would have mandated we complete the proposed project to eliminate private stormwater contributions. So if Mr. Stone wanted to connect after the sewer was extended, he wouldn't have any impact fees for the current house as it was already a historical customer. However, any subdivided lots would have to pay an Impact Fee, likely \$1,550, but depends on meter size, for new connections.

Another view is that we are expediting the project to accommodate his pressing need for sewer. Usually extensions are financed by those requiring service, so another view is that you could request 1/7th of the overall cost, as his house would be the 7th connected on the street. As additional lots were connected you could ask for a prorated contribution in lieu of the standard Impact Fee (such as 1/9th, 1/10th, etc.).

Again, Sid is working with contractors to solicit price proposals. He may not have numbers until shortly before our meeting. I don't even know the footage of pipe required, but from being out on site I'm guessing we are talking about a \$100,000 project.

Lake Auburn Update (Water District)

The Lake water quality continues to hold steady. The current turbidity levels are running around 0.60 to 0.65. This compares favorably to 2010, which is more of what we would consider a historically normal year, when readings were 0.70 or greater. In both 2012 & 2013 readings were in excess of 1.0.

In regards to algae activity, Mary Jane has not seen a prevalence of Synura, which caused taste & odor complaints last year for a vegetable or cucumber odor. However, she has seen some activity with Tabellaria. Apparently this algae can cause a fishy smell, but only upon reaching high enough density. Mary Jane is tracking things and so far levels are quite low and there hasn't been any taste & odor issues. If we see a concern for odor complaints, we will run our hydrogen peroxide feed to provide an oxidant to the water.

Rate Adjustment (Sewerage District)

We are on track for a rate adjustment to go into effect December 1. The Public Hearing is scheduled for Tuesday, November 1 – 5:30 PM at our Office located at 268 Court Street. The required legal notice was published this week in the Sun Journal. A 4-page customer notification sheet was also mailed to all sewer customers of record. I sent a notice to the City Manager, Council & Mayor and suggested to the Mayor that I would welcome the opportunity to do a presentation at a Council Meeting.

This past week or so I've been trying to reach out to our largest sewer customers. Most of the contact has been via telephone, but I've met in person with Poland Spring and have a meeting scheduled next week with Formed Fiber Technologies.

These large customers have been very understanding. Although no one enjoys a rate increase, they appreciate knowing our rate history and why the rates are required. The best thing we've been able to share with these large customers is our 10-year financial projection that shows relative rate stability – with a 6.2% bump projected in 2019 and then another bump of 5.8% in 2023. These are only projections, but the customers appreciated knowing that we aren't looking at frequent or massive bumps over the next few years.

The Mayor is concerned about the rising operational costs for commercial and industrial folks. We swapped a few emails and he asked a great question about how our rates compare nationally. It can be difficult to compare rates because some geographic regions have different volumetric allowances. But we did find a comparison of the largest 50 US cities. Both Lewiston and Auburn data was added to allow for a comparison. We fared quite well, but I thought we might actually stack up just a bit more favorably. The 2 colored graphs will be attached to your email packets.

At this point in time, everything seems to remain on track for implementation on December 1.

LAWPC Appointments (Water District)

The Auburn Water District is responsible for appointing 3 Auburn reps to the Lake Auburn Watershed Protection Commission (LAWPC). Two of the appointments are past due. Trustees should decide how they would like to solicit candidates and appoint or reappointment representatives. The current

Auburn reps are: John Bonneau – expired July-2013, or until further notice; Bethel Shields – expired July-2014 or until further notice; and Lee Upton – expires-July 2015.

There are 9 members of LAWPC; 3 members are appointed by the Lewiston City Council, of which 1 member must be a City Councilor; Auburn Water appoints 3 members, of which 1 member must be a District Trustee; AVCOG Executive Director or his/her designee has a seat; the Town of Turner appoints 1 seat; and finally the Towns of Minot, Hebron & Buckfield jointly appoint a rep.

The recommendation is to determine a process to solicit candidates and then possibly take action in November or December. I expect both Mr. Bonneau and Mrs. Shields would be willing to seek reappointment.

LAWPCA Apportionment (Sewerage District)

We are about \$50,000 behind on our cost apportionment at the wastewater plant. Greg Leighton has incorporated this into our year-end projections and the budget can absorb this. If there is any good news, it is that LAWPCA should end the year without any type of operational deficit.

So why the deficit? It is likely a combination of 3 separate factors. One is that our industrial surcharges are running above budget projections and our budget assumed a rate bump back in July. So although treatment expenses our up, we have a corresponding bump in revenue. Our volumetric flow only accounted for 38.4% of capacity, but our BOD was 65.5% and TSS 59.8%.

Another factor is that dry weather benefits Lewiston. A rainy month drives up Lewiston's apportionment. I attached a SCADA chart for plant flows of today (October 16). We've experienced relatively steady rain without any substantial downpours. You can see that Lewiston's flow responds quickly to rain while Auburn's is much less responsive. This highlights the success in removing CSO contributions. So let's hope for a rainy fall and perhaps our apportionment will come close to meeting projections.

A final factor is that Lewiston has a major break on one of its sewer interceptors. They believe they were actually gaining water by having a stream drain into the interceptor, but I'm skeptical of that. I looked at their August water pumping records and there are days where there incoming water flow exceeded their outgoing sewer. Something didn't seem to balance. We will obviously be watching this closely over the next few months.

LAWPCA 2015 Budget & Bonding (Sewerage District)

There is some good news coming from the wastewater treatment plant. They are keeping operational costs very steady. The budget process and union negotiations are underway, but it appears that the 2015 budget will at most include a 2% increase over 2014. We can review some future projections, as costs start to decrease in 2018 and 2019.

The anaerobic digesters seem to be meeting expectations for solids reduction and power generation. They've been able to sell Renewable Energy Credits that have brought in about \$45,000 year-to-date thru September. Another benefit of the digester is that they've been receiving yogurt whey waste from Stonyfield in New Hampshire. This is generating revenue through tipping fees.

One thing I wanted to bring to your attention is a possible LAWPCA bond issuance of \$3 million for 2015. The bond proceeds would fund a couple of items, but the primary one being an update of the plant's solids dewatering process. Their existing process is only generating about 12.5% solids. They have pilot-tested new presses that can achieve 20%. A short narrative is provided along with the cost projections, but the key point is that the project expects to save \$41,000 annually, even when including the bond costs. We can review future projections out through 2019 that illustrate the stability of the operational costs.

Access Gate at UV Plant (Water District)

The Water District 2014 Capital Budget allocated \$10,000 towards a joint \$20,000 effort with the City of Lewiston Water Division to install an electronic access gate at the UV Plant entrance. Right now the gate is manually locked & unlocked each morning and afternoon. Unfortunately we've had some unusual and unwelcome visitors drive in. One morning, one of our Lab Technicians went in early at around 2:30 AM to run bacteria samples and a car followed him in. It was an unwanted solicitation of a personal nature. We've instructed employees to simply call 9-1-1 in those instances. Other times during the day we've had people simply out for ride pull into the UV Plant. An automated gate will obviously deter unwanted visitors and trespassers.

We hope to have radio access, such that someone can pull up to the gate and then buzz personnel at the plant to let them in. Our staff will have access via a keypad that will activate the gate. Plant Manager Mike Broadbent solicited 3 cost proposals from local firms (attached in agenda packet) and he is proceeding with the low responsive bidder, Aroostook Fence Company in Lewiston. The gate system is just over \$11,000, but we will have related costs to install power for the gate actuator, along with a fiber optic line to have radio communication back to the treatment plant. We will keep things to a total of \$20,000, again splitting things 50/50 with Lewiston.

Intake Cleaning (Water District)

Lewiston has not yet secured funding for their share of the intake cleaning. The issue is slated for their November 18 Council Meeting. It's very disappointing for the delay, as it exposes us to operational risks should we experience a sustained high flow demand. But we are in the risk management business and will deal with the delay and plan for emergency contingencies.

The delay afforded us the opportunity to conduct additional research into other potential contractors and cleaning approaches. So far, everything we found 100% reconfirms that we identified the best cleaning process and the most qualified local contractor. We hope to work on an implementation schedule such that we can proceed almost immediately following presumed approval on November 18. If Lewiston fails to secure funding on November 18 we have a Trustee Meeting slated for the next day on the 19th and can discuss proceeding on our own.

The historic partnership we have with Lewiston has been extremely beneficial in consolidating staff and sharing resources, but it can be difficult to always reach consensus on capital and operating issues. One thing we might want to propose is taking 100% responsibility for operation of the UV Plant and in turn billing Lewiston on a volumetric basis for water produced and delivered. Our inter-local agreements don't allow for a unilateral takeover of operations, but our biggest struggle is meshing operational personnel where a Lewiston employee is working directly alongside an Auburn employee, each doing the same job, but they have different pay, benefits, and licensing requirements for the position. This would require significant discussion with Lewiston to ensure we could reach a mutually acceptable and beneficial agreement.

To highlight a problem in meshing 2 entities operationally, one of the biggest frustrations is that our UV Plant is rated by the Maine Drinking Water Program as a Class IV plant, meaning the highest level of complexity and difficulty to operate. In my opinion we should require all of our lead operators to obtain their Class IV licenses. We are stewards of public health and should provide operators that have the highest level of license certification. Mike Broadbent does an incredible job supervising the operators assigned to the UV Plant, but in our partnership with Lewiston we can't reach consistency on how to mandate or implement the licensing requirement. We are also rotating personnel between Lewiston and Auburn. We don't have full-time operators assigned to the UV Plant. With the rotational schedule an operator might only be there every 4th week. The process doesn't help maintain proficiency. This might be something we could discuss in a future workshop where Lewiston reps were invited to a meeting.

2015 Budgets (both Districts)

Greg Leighton has started working on the 2015 budgets based on prior year operational projections. I'm working with staff to identify capital projects any significant operational changes. The only major

"scary" item is electricity. Fortunately we are locked in at \$0.0533 per kilowatt hour through December 2015 on our large accounts, but after that we are likely looking at major increases.

We are also working with the Lake Auburn Watershed folks and the wastewater plant to pin down their 2015 Budgets.

We will have a draft budget ready for detailed discussion in November, so please let us know items for consideration.

Lewiston - Auburn Water Pollution Control Authority

Cost Apportionment Summary - First Half of 2014

Month	Lewiston Sewer Division		Op Data %	Op Data \$	Difference \$	Auburn Sewerage District		Difference \$
	Initial %	Initial \$				Initial %	Initial \$	
January	56.00%	\$138,086.66	56.90%	\$140,305.91	(\$2,219.25)	44.00%	\$108,496.67	\$2,219.25
February	56.00%	\$138,086.66	55.09%	\$135,842.76	\$2,243.91	44.00%	\$108,496.67	(\$2,243.91)
March	56.00%	\$138,086.66	58.83%	\$145,064.97	(\$6,978.31)	44.00%	\$108,496.67	\$6,978.31
April	56.00%	\$138,086.66	54.79%	\$135,103.01	\$2,983.66	44.00%	\$108,496.67	(\$2,983.66)
May	56.00%	\$138,086.66	55.89%	\$137,815.42	\$271.24	44.00%	\$108,496.67	(\$271.24)
June	56.00%	\$138,086.66	50.40%	\$124,278.00	\$13,808.67	44.00%	\$108,496.67	(\$13,808.67)
Six Month Adjustment			55.32%		\$10,109.92			(\$10,109.92)

cmr 9/7/2014

Cost Apportionment Summary - Second Half of 2014

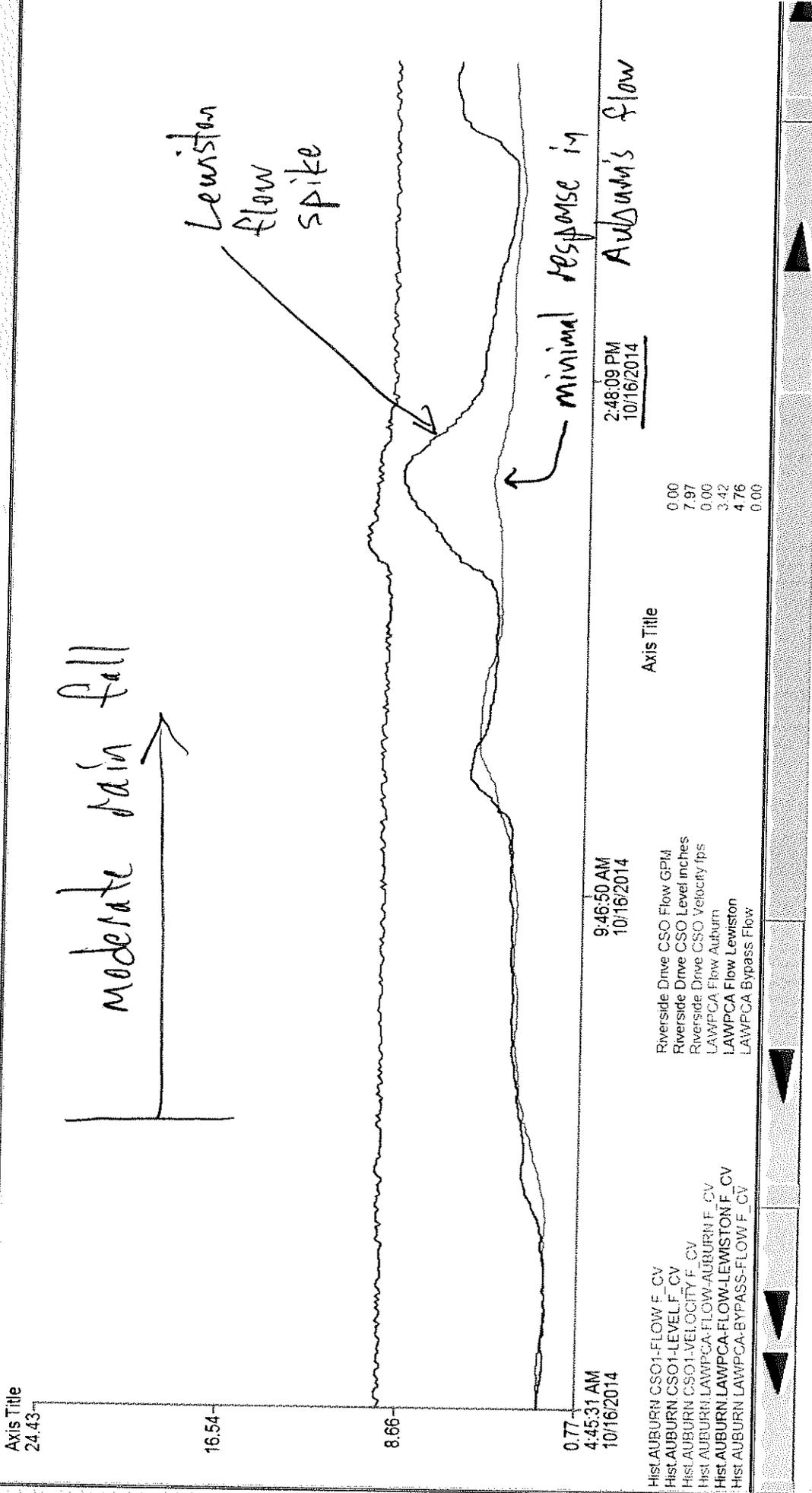
Month	Lewiston Sewer Division		Op Data %	Op Data \$	Difference \$	Auburn Sewerage District		Difference \$
	Initial %	Initial \$				Initial %	Initial \$	
July	56.00%	\$138,086.66	50.06%	\$123,439.61	\$14,647.05	44.00%	\$108,496.67	(\$14,647.05)
August	56.00%	\$138,086.66	51.02%	\$125,806.81	\$12,279.85	44.00%	\$108,496.67	(\$12,279.85)
September	56.00%	\$138,086.66	50.43%	\$124,351.97	\$13,734.69	44.00%	\$108,496.67	(\$13,734.69)
October	50.00%	\$123,291.67	53.62%	\$132,217.98	(\$8,926.32)	50.00%	\$123,291.67	\$8,926.32
November	50.00%	\$123,291.67	52.88%	\$130,393.26	(\$7,101.60)	50.00%	\$123,291.67	\$7,101.60
December	50.00%	\$123,291.67	56.30%	\$138,926.41	(\$15,534.75)	50.00%	\$123,291.67	\$15,534.75
Six Month Total Adj			52.39%		\$9,098.92	0.00%		(\$9,098.92)
Average to date			53.71%					0
Adjustments to date					\$50,771.51			(\$50,771.51)
Average / Adjustments year end			53.85%		\$19,208.84			(\$19,208.84)

Current Deficit

All data in large font are 2014 data, Data shown in smaller, italicized font are 2013 data used for estimation/illustration purposes only.

Auburn Cost Apportionment for September 2014				Based upon
Flow Ratio (A)	0.3842	83,881,000 gallons		September 2014 operations data
BOD Ratio (B)	0.6552	401,792 pounds		
TSS Ratio (C)	0.5975	258,844 pounds		
Cost Center	Factor	Budget Amount	Auburn Share	
Labor	0.43263	\$1,514,000.00	\$655,001.82	
Power	0.613675	\$208,000.00	\$127,644.40	
Heat	0.3842	\$71,000.00	\$27,278.20	
Maintenance	0.48884	\$602,600.00	\$294,574.98	
Chemicals	0.559475	\$150,000.00	\$83,921.25	
Residuals	0.57792	\$894,500.00	\$516,949.44	
TOTAL OP COST		\$3,440,100.00	\$1,705,370.09	49.57%
Bond and Interest	Factor	Princ & Interest	Auburn Share	
1998(2003A)	0.4389	\$201,936.21	\$88,629.80	
2001	0.4389	\$134,159.47	\$58,882.59	
2005	0.4389	\$123,646.64	\$54,268.51	
2008	0.4389	\$75,901.58	\$33,313.20	Percent B&I Share
2010	0.4389	\$164,128.36	\$72,035.94	
2011	0.4389	\$920,913.00	\$404,188.72	
Bond+Int Totals		\$1,620,685.26	\$711,318.76	43.89%
Total Expense		\$5,060,785.26		
Miscellaneous Revenue		\$481,100.00		
Total Cost After Misc Rev		\$4,579,685.26		
Less Prev Year Carryover		\$0.00		
Yearly Ops Cost to Apportion		\$2,959,000.00	\$1,466,873.09	Ops Cost Share
Monthly Ops Cost to Appor		\$246,583.33	\$122,239.42	49.57%
Monthly Ops Cost to Appor		\$20,548.61	\$10,186.62	49.57%

CSO 1 Riverside Drive



Axis Title

Riverside Drive CSO Flow GPM
 Riverside Drive CSO Level inches
 Riverside Drive CSO Velocity fps
 LAWPCA Flow Auburn
 LAWPCA Flow Lewiston
 LAWPCA Bypass Flow

Hist AUBURN CSO1-FLOW F_CV
 Hist AUBURN CSO1-LEVEL F_CV
 Hist AUBURN CSO1-VELOCITY F_CV
 Hist AUBURN LAWPCA-FLOW-AUBURN F_CV
 Hist AUBURN LAWPCA-FLOW-LEWISTON F_CV
 Hist AUBURN LAWPCA-BYPASS-FLOW F_CV



LAWPCA – 2015 Proposed Bond Issuance

The Lewiston Auburn Water Pollution Control Authority is in the process of securing a \$3 Million dollar State Revolving Loan fund (SRLF) bond from the Maine Municipal Bond Bank to finance three capital projects. The projects include replacement of two 1973 vintage gravity thickener drives, addition of siloxane treatment to improve gas quality and protect downstream equipment, and replacement of the two 1992 belt filter presses. These projects are in-line with the LAWPCA capital improvement plan.

The belt filter press project provides unique benefit from improved efficiencies in the handling, treating, and transporting of biosolids. These performance improvements result in not only an estimated annual cost savings of \$223,726, they also improve operational flexibility and workplace conditions.

Currently, bond interest rates are approximately 0.50% for 20 year notes. Using a conservative 2% interest rate, the project financing breakdown below shows that an annual bond payment of \$182,119 and annual saving of \$41,607 should be realized.

Proposed Project Financing-

Belt Filter Press Replacement	\$2,500,000	2 % @ 20-years
Gravity Thickener Drive Replacement	\$250,000	2 % @ 20-years
Siloxane Treatment	\$250,000	2 % @ 20-years
Total Bond Amount	\$3,000,000	
Annual Bond Payment	\$182,119	
Annual Biosolids Savings	\$223,726	
Net Cost(annual)	\$41,607	

Annual Projected Savings
 expect dewatering improvement of 12.5% to 20%
 solids concentration

LAWPCA CIP 2014

	PROJECT NAME/DESCRIPTION	FUNDING SOURCE	2015	2016	2017	2018	2019	2020-2024
1	INFLUENT PUMP #1 REBUILD	O&M	\$30,000					
2	CONCRETE REHAB	O&M	\$35,000					
3	BIOFILTER MEDIA REPLACEMENT	O&M	\$75,000					
4	CSO ENGINEERING	RR	\$50,000					
5	REPLACE BELT FILTER PRESSES/CONVEYANCE	B	\$2,390,000					
6	HVAC UPDATES	RR	\$100,000					
7	REDUNDANT FORCE MAIN	B	\$250,000					
8	GRAVITY THICKENER DRIVE REPLACEMENT	B	\$120,000					
9	SLOXANE REMOVAL	B	\$140,000					
10	INFLUENT PUMP #3 REBUILD	O&M		\$30,000				
11	OVERHAUL TURNER #1-Bottom Side	O&M		\$45,000				
12	CONCRETE REHAB	O&M		\$40,000				
13	REPLACE AERATION BLOWER VFD'S	O&M		\$50,000				
14	TP WINDOW REPLACEMENT	RR		\$75,000				
15	MODICON PLC CHANGE-OUT	O&M		\$30,000				
16	IRON SPONGE REPLACEMENT	RR		\$15,000				
17	INFLUENT PUMP #2 REBUILD	O&M			\$25,000			
18	OVERHAUL TURNER #2-Bottom Side	O&M			\$25,000			
19	CONCRETE REHAB	O&M			\$40,000			
20	RE-SURFACE THICKENED WASTE HOLDING TANKS	O&M			\$50,000			
21	TP WINDOW REPLACEMENT	RR			\$75,000			
22	OVERHAUL TURNER #2-Top Side	O&M				\$25,000		
23	ROOF REPLACEMENT	B				\$225,000		
24	REPLACE 2006 GMC PICK-UP	O&M				\$35,000		
25	STRUCTURE "B" HYDRAULICS/CONTROLS	O&M				\$90,000		
26	REPLACE KOMATSU FRONT LOADER	RR				\$115,000		
27	CONCRETE REHAB	O&M				\$40,000		
28	GRAVITY THICKENER DOMES	B				\$200,000		
29	FEEDSTOCK RECEIVING STATION	B				\$800,000		
30	CLARIFIER DRIVES/WALKWAYS	B				\$250,000		
31	CF AMENDMENT STORAGE	B				\$275,000		
32	TP WINDOW REPLACEMENT	RR				\$75,000		
33	OVERHAUL TURNER #1-Top Side	O&M					\$25,000	
34	CHIP ENGINE OVERHAUL	RR					\$150,000	
35	IRON SPONGE REPLACEMENT	O&M					\$30,000	
36	CF SPRINKER SYSTEM REPLACEMENT	RR					\$50,000	
37	ODOR CONTROL FROM GRAVITY THICKENERS	O&M					\$50,000	
38	REPAVE PLANT ROADWAYS	B						\$75,000
39	CSO ALTERNATIVES	RR						\$7,500,000
40	VEHICLE REPLACEMENT	O&M						\$100,000
41	TURNER OVERHAUL	O&M						\$100,000
	TOTAL		\$3,190,000	\$285,000	\$215,000	\$2,020,000	\$270,000	\$7,975,000

RR	\$150,000	\$90,000	\$75,000	\$180,000	\$180,000	\$230,000
O&M	\$140,000	\$195,000	\$140,000	\$130,000	\$90,000	\$175,000
B	\$2,900,000	\$0	\$0	\$1,700,000	\$0	\$7,500,000