

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 Auburn Sewerage District, 268 Court Street, on **Tuesday, November 21, 2017 at 4:00 P.M.**

**AGENDA**

1. Approve Minutes of Regular Meeting of October 17, 2017.
2. Financial Report Update - *Greg Leighton*.
3. Ratify Payment of Bills
4. Open Session
5. Activity Report - *Mike Broadbent*
6. New Business
  - 2018 Draft Budget
  - Project Updates
  - LAWPCA Apportionment & Financials
7. Old Business
  - New 911 Communications Tower Update
  - Auditor Award
8. Adjourn Regular Meeting.

Upcoming: - Sewer Trustee Meeting, December 19, 2017 4:00PM

December 20, 5:15PM Special Joint AWD/ASD Trustee Meeting to review FY 2018 Budgets

December 20, 5:30PM Public Hearing on FY 2018 AWD/ASD budgets followed by adoption

# Memo

To: Water & Sewerage District Trustees  
From: Sid Hazelton, P.E., Superintendent  
CC: Files  
Date: 11/16/2017  
Re: Discussion of November Agenda Items

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## Water Trustees

### Financial Report Highlights

Water metered sales are down \$19k year to date to budget. We did pick up \$40k favorable against budget for the month of October due to budget spread versus actual billings. Expenses are \$27k over budget due to major maintenance issues with vehicles and more focus on system maintenance in recent weeks. Benefits are over budget due to higher health costs due to new employees. All bond payments have been made for the year. Cash on hand remains strong.

### Water Quality Update

The Lake continues to trend favorably by historic standards. With colder temperatures in the forecast we expect Lake turnover within the week. Lake testing is wrapping up for the year. Soon the docks will be removed, and the winter buoys will be put into place.

We are anticipating a report from Holly Ewing regarding her research on Gleotrichia sometime this winter, as well as an update from Steve Norton on the results of the core sampling project. Time and dates will be announced well in advance so Trustees and the public can attend the presentations.

### Project Updates

We have used the few days of favorable weather to complete maintenance projects that have taken a back seat to construction projects. Several hydrant repairs have been completed, and we plan to replace water gates at some of the intersections where future projects are planned.

## Sewer Trustees

### Financial Report Highlights

Sewer revenues continue below budget by \$89k overall. The metered and industrial were both down slightly in October as expected and new connections remain off from prior years and projections. We did make up some ground due timing of the billings to the City of Auburn for their share of shared debt. Expenses remain on track or better with the timing of LAWPCA charges the biggest driver of the variance. Cash on hand remains over \$1 million. Capital spending to date is \$768k.

### Project Updates

We continue to prep for the upcoming sewer liner project on Gillander and Gamage Avenues. The crews installed a manhole in Gamage Avenue where a pipe size change was discovered.

## Both Boards

### 2018 Budget

Second draft budgets for both Districts will be presented for review.

### New L/A 911 Communications Tower

The lease with L/A 911 has been executed, and they are moving forward with the project. They have conducted a pre-bid meeting, and are hoping to begin construction this Fall.

### Auditor

In accordance with the enclosed bid tabulation, we will be seeking approval to award Auditing services to the firm of RHR Smith for the next three years.

October 17, 2017

The regular monthly meeting of the Trustees of the Auburn Sewerage District was held at the office of the Auburn Sewer District, 268 Court Street, on Tuesday, October 17, 2017.

Members present: Robert Cavanagh, Joseph DeFilipp, Raymond Fortier, Heidi McCarthy (President) Stephen Ness, Charles Sheehan (Treasurer) and Andrew Titus (Mayor's Representative). Also present: Sid Hazelton, Superintendent and Mike Broadbent, Assistant Superintendent.

Absent: Greg Leighton, Finance Manager

On motion of Robert Cavanagh, seconded by Raymond Fortier, it was voted: **To approve the minutes of the Regular Meeting of September 19, 2017.**

**FINANCIAL REPORT/ SID HAZELTON** – Gallons sold are down by about 12% and revenues are off by 1 ½%. We will miss budget by about \$75,000 as a result of under estimating the Cascades annual impact on sales. The reduction in past dues is looking good. The sewer payroll should even out by year end.

#### **RATIFY PAYMENT OF BILLS**

On motion of Joseph DeFilipp, seconded by Robert Cavanagh, it was unanimously voted: **To ratify the payment of bills in the amount of \$1,135,843.41 as shown on the printout dated September 1, 2017- September 30, 2017.**

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

**ACTIVITY REPORT** –. The Lake Street main replacement has been completed. We ran into ledge in the Fern to Beacon section of the project which held us up causing some delay in the project. There will be a lot of manhole activity in the Spring when all the streets get paved. The new Terms & Conditions have reduced the number of delinquents. An attempt to contact the customer prior to disconnect has greatly reduced the number of actual turn-offs.

#### **NEW BUSINESS**

**DRAFT BUDGET** –The new health insurance premiums for 2018 have not been released. Superintendent Hazelton has reached out to both the Maine Municipal Association and Cross Insurance. We will have a solid detail draft 2018 budget available for discussion at the November meeting.

**PROJECT UPDATES** – The Gillander Ave. and Gamage Ave. lining projects will take place around the first two weeks in December. We have not had much rain and have not been able to chase the I/I issues. We are waiting for a decision and approval by the airport to move forward with the cross-country line. This will be good winter work.

October 17, 2017

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**LAWPCA BIOSOLIDS PROGRAM AWARD** – The sludge is 95% land applied at farms around the area. Cassella Organics has had a good relationship with the farmers. LAWPCA considered two proposals and awarded the 3-year contract to Casella Organics.

**LAWPCA APPORTIONMENT & FINANCIALS** – A new split of 62% (Lewiston) and 38% (Auburn) split was approved at the LAWPCA meeting. The intent is to break even at year end.

### **OLD BUSINESS**

**911 COMMUNICATIONS TOWER UPDATE** - This has taken a little longer than anticipated. We want to get a document in place that will avoid future litigation issues.

On motion of Joseph DeFilipp, seconded by Stephen Ness, it was unanimously voted: **To authorize Superintendent Hazelton to sign the Lease Agreement once it has been finalized.**

**AUDITOR** – A joint bid with LAWPCA was sent to several bidders. We have received four proposals which are currently being reviewed. A recommendation will be made at the November meeting.

### **EXECUTIVE SESSION REGARDING NEGOTIATIONS OF POTENTIAL PROPERTY TRANSACTION IN ACCORDANCE WITH 1 M.R.S.A. § 405 (6) (C)**

On motion of Joseph DeFilipp, seconded by Stephen Ness, it was unanimously voted: **To move into Executive Session to discuss negotiations of potential property transaction.**

On motion of Robert Cavanagh, seconded by Stephen Ness, it was unanimously voted: **To move out of Executive Session.**

Superintendent Hazelton will clarify the existing set backs and zoning for the Nash property.

Superintendent Hazelton showed the Trustees some Auburn highlights.

The possibility of a workshop on December 5<sup>th</sup> to discuss health insurance and the budget was suggested.

Richard Whitlock is retiring after 31 years of service with the District. A “Meet & Greet” is being planned for November 15<sup>th</sup> at Gipper’s from 5:00-8:00pm

On motion of Charles Sheehan, seconded by Raymond Fortier, it was unanimously voted: **To adjourn the meeting.**

Respectfully submitted,



Diane Drinkwater

**AUBURN SEWERAGE DISTRICT  
OPERATING STATEMENT - TRUSTEES' REPORT  
TEN MONTHS ENDED OCTOBER 31, 2017**

	October	2017	Y-T-D THRU OCTOBER 2017		
	YTD - 2016	BUDGET	ACTUAL	BUDGET	VARIANCE
<b><u>REVENUES:</u></b>					
Metered Income	\$3,302,763	\$3,805,780	\$3,121,314	\$3,171,483	(\$50,170)
Industrial Surcharge	224,868	73,507	38,661	61,256	(22,594)
Public Basins	41,392	53,892	53,892	44,910	8,982
Jobbing & Mdse. - NET	9,507	9,788	3,366	8,157	(4,791)
Sewer Assessments	17,445	22,935	5,149	19,113	(13,963)
Finance Charges	9,965	11,693	10,407	9,744	663
Interest Income	1,187	1,397	3,794	1,164	2,630
Industrial Treatment Sampling	42,350	51,150	44,000	42,625	1,375
Capacity Fees (SDS)	9,375	19,798	4,875	16,498	(11,623)
<b>TOTAL REVENUES</b>	<b>3,658,852</b>	<b>4,049,940</b>	<b>3,285,459</b>	<b>3,374,950</b>	<b>(89,491)</b>
			<b>81.12%</b>	<b>83.33%</b>	< Standard
<b><u>EXPENSES:</u></b>					
Payroll	327,391	431,697	330,270	359,748	(29,477)
Employee Benefits	153,285	196,089	159,468	163,408	(3,940)
Maint. of Sewers	45,043	55,347	47,569	46,123	1,446
Lift Stations	80,264	94,454	71,621	78,712	(7,091)
Maint. of Buildings	28,500	34,380	25,248	28,650	(3,402)
Maint. of Trucks	17,175	20,200	11,225	16,833	(5,609)
Office Expense	16,199	18,696	17,623	15,580	2,043
Collection Expense	1,228	1,313	109	1,094	(986)
General Expense	7,630	3,111	1,669	2,593	(923)
Insurance	48,972	58,113	42,399	48,428	(6,028)
Legal & Accounting Fees	26,531	33,464	27,498	27,887	(389)
Billing Expense	68,254	71,143	62,882	59,286	3,597
L.A.W.P.C.A.	1,930,923	1,931,438	1,709,178	1,609,532	99,646
<b>SUB-TOTAL</b>	<b>2,751,395</b>	<b>2,949,445</b>	<b>2,506,759</b>	<b>2,457,871</b>	<b>48,888</b>
Interest	61,402	79,004	66,334	65,837	498
<b>TOTAL EXPENSES</b>	<b>2,812,797</b>	<b>3,028,449</b>	<b>2,573,093</b>	<b>2,523,708</b>	<b>49,386</b>
			<b>84.96%</b>	<b>83.33%</b>	< Standard
Bonds - Principal Payments	446,478	493,110	451,717	410,925	40,792
<b>SURPLUS FROM OPERATIONS</b>	<b>399,577</b>	<b>528,381</b>	<b>260,648</b>	<b>440,318</b>	<b>(179,669)</b>



<b>Auburn Sewer District</b> <b>Accounts Payable Check Register</b> <b>October 1, 2017 thru October 31, 2017</b>
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<u>Check</u>	<u>Date</u>	<u>Per</u>	<u>Vendor</u>	<u>Inv Date</u>	<u>Description</u>	<u>Amount</u>
5099	10/6/2017	10	Andros. Registry Of Deeds	10/4/2017	release lien Lien Release Fees	22.00
						<b><u>22.00</u></b>
5100	10/6/2017	9	Constellation NewEnergy, Inc.	9/15/2017	River Station Accrued Power	310.20
5100	10/6/2017	9	Constellation NewEnergy, Inc.	9/15/2017	Lewiston Jct Accrued Power	64.18
5100	10/6/2017	9	Constellation NewEnergy, Inc.	9/17/2017	Washington St Accrued Power	210.96
						<b><u>585.34</u></b>
5101	10/6/2017	9	Superior Concrete	9/25/2017	wedge, sealant, cone Lake St Main Re-Lining 2017	844.60
						<b><u>844.60</u></b>
5102	10/13/2017	10	Auburn Concrete	10/5/2017	generator pad Bradman PS Generator 2017	365.00
						<b><u>365.00</u></b>
5103	10/13/2017	9	Constellation NewEnergy, Inc.	9/25/2017	Bradman St Accrued Power	122.64
						<b><u>122.64</u></b>
5104	10/13/2017	10	Frechette's	10/11/2017	Saw Equipment & Tools	1,160.00
						<b><u>1,160.00</u></b>
5105	10/13/2017	9	Vantagepoint Transfer Agent-30	9/30/2017	Policy#304412-ICMA 457 Accrued Deferred Comp	1,554.91
						<b><u>1,554.91</u></b>
5106	10/13/2017	9	Vantagepoint Transfer Agent-10	9/30/2017	Policy#109636-ICMA 401 Employee Benefits	1,721.51
						<b><u>1,721.51</u></b>
5107	10/13/2017	9	Vantagepoint Transfer Agent-70	9/30/2017	Policy#705328-Roth IRA Accrued IRA/ICMA	391.56
						<b><u>391.56</u></b>
5108	10/13/2017	10	Maine Municipal Assoc.	9/15/2017	4th qtr unemployment Employee Benefits	151.04
						<b><u>151.04</u></b>



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<u>Check</u>	<u>Date</u>	<u>Per</u>	<u>Vendor</u>	<u>Inv Date</u>	<u>Description</u>	<u>Amount</u>
5109	10/13/2017	9	E.J. Prescott, Inc.	9/21/2017	mh frame & cover Inventory	2,068.92
5109	10/13/2017	9	E.J. Prescott, Inc.	9/21/2017	mh -paramex Inventory	525.00
						<b><u>2,593.92</u></b>
5110	10/13/2017	9	UNITIL ME	9/27/2017	Gr Turtle natl gas Expense-Green Turtle PS	62.52
						<b><u>62.52</u></b>
5111	10/20/2017	10	Coleman's Collision	10/12/2017	touch up paint Truck #35 (2013 Vacuum Truck)	307.80
						<b><u>307.80</u></b>
5112	10/20/2017	9	Constellation NewEnergy, Inc.	10/4/2017	Worthley Brook Accrued Power	385.89
						<b><u>385.89</u></b>
5113	10/20/2017	11	Group Dynamic, Inc.	10/12/2017	Nov ins deduct fee Employee Benefits	28.00
						<b><u>28.00</u></b>
5114	10/20/2017	10	L.A.W.P.C.A.	10/3/2017	Oct bill LAWPCA	93,256.43
						<b><u>93,256.43</u></b>
5115	10/20/2017	10	Maine Municipal Assoc.	10/1/2017	4th qtr workers comp Insurance - Workers Comp	1,567.35
						<b><u>1,567.35</u></b>
5116	10/20/2017	11	Maine Municipal Emp.Hlth.	10/11/2017	Nov billing Employee Benefits	28.80
5116	10/20/2017	11	Maine Municipal Emp.Hlth.	10/11/2017	Accrued Life Insurance	86.40
5116	10/20/2017	11	Maine Municipal Emp.Hlth.	10/11/2017	Accrued IPP Withheld	233.60
5116	10/20/2017	11	Maine Municipal Emp.Hlth.	10/11/2017	Accrued Dental	596.90
						<b><u>945.70</u></b>
5117	10/20/2017	9	E.J. Prescott, Inc.	9/27/2017	Paramex pipe Inventory	6,825.00

<b>Auburn Sewer District</b> <b>Accounts Payable Check Register</b> <b>October 1, 2017 thru October 31, 2017</b>
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<u>Check</u>	<u>Date</u>	<u>Per</u>	<u>Vendor</u>	<u>Inv Date</u>	<u>Description</u>	<u>Amount</u>
5117	10/20/2017	9	E.J. Prescott, Inc.	9/27/2017	hydraulic plug cement Inventory	600.00
						<b><u>7,425.00</u></b>
5118	10/27/2017	10	Auburn Water District	10/12/2017	bi-annual meter read Misc Accrued Other	25,000.00
5118	10/27/2017	10	Auburn Water District	10/12/2017	Sept bills A/P - Due to AWD	61,202.05
						<b><u>86,202.05</u></b>
5119	10/27/2017	10	Constellation NewEnergy, Inc.	10/8/2017	Lewiston Jct Accrued Power	55.76
5119	10/27/2017	10	Constellation NewEnergy, Inc.	10/8/2017	River Station Accrued Power	279.84
5119	10/27/2017	10	Constellation NewEnergy, Inc.	10/8/2017	Merrow Road Accrued Power	27.43
5119	10/27/2017	10	Constellation NewEnergy, Inc.	10/9/2017	Moose Brook Accrued Power	278.57
5119	10/27/2017	10	Constellation NewEnergy, Inc.	10/13/2017	Washington St Accrued Power	163.42
						<b><u>805.02</u></b>
5120	10/27/2017	10	Gagne & Sons	10/17/2017	conseal, rings Lake St Main Re-Lining 2017	701.04
5120	10/27/2017	10	Gagne & Sons	10/19/2017	mortar mix Supplies - Mains - Mnt	13.28
						<b><u>714.32</u></b>
5121	10/27/2017	10	L.A.W.P.C.A.	9/30/2017	2 vac loads LAWPCA	370.00
						<b><u>370.00</u></b>
5122	10/27/2017	10	Spencer Group	10/18/2017	patch Eighth & Lake Replace Main-Eighth St-2017	1,131.45
5122	10/27/2017	10	Spencer Group	10/18/2017	Replace Main-Lake St-2017	265.05
						<b><u>1,396.50</u></b>
<b><u>Grand Total</u></b>						<b><u>202,979.10</u></b>

# AUBURN SEWERAGE DISTRICT

## MONTHLY ACTIVITY REPORT

October , 2017

### MAINS

Location	Ck'd	Comments	OK	Plug	Maint.	Misc.	New
Lake Street	105	replace sewer main					1
Center Street	1	investigate cave-in	1				
Houston Ave	8	Jet and Vac			1		
West Shore Rd	10	Jet and Vac			1		
Western View	4	Jet and Vac			1		
Holly Street	8	Jet and Vac			1		
Pinnacle Heights	16	Jet and Vac			1		
Union Street	8	Jet and Vac			1		
School Street	16	Jet and Vac			1		
Kimball Street	16	Jet and Vac			1		
<b>Monthly Totals</b>	7		1	0	8	0	1
<b>2016 Monthly Totals</b>	17		4	0	12	0	1
<b>YTD Totals</b>	106		12	5	77	2	10
<b>2016 YTD Totals</b>	125		23	8	77	9	8

### MANHOLES

Location	Ck'd	Comments	OK	Cover	Misc.	Frame & Cover	New
Cook Street	5	raise manholes for paving	2				
Eighth Street	2	raise manholes for paving	2				
Barker Mill Trail	2	repaired manhole			1		
Center Street	1	patch manholes			1		
Cross Street	1	clean manholes			1		
Goldwait Rd	1	repaired manhole				1	
<b>Monthly Totals</b>	12		4	0	3	1	0
<b>2016 Monthly Totals</b>	12		4	3	3	2	0
<b>YTD Totals</b>	84		11	2	20	18	33
<b>2016 YTD Totals</b>	70		18	0	20	30	2

## SERVICES

Location	Ck'd	Comments	New	OK	Misc.	on owner
68 Allen Ave	1	service back-up				1
20 Charles	1	service back-up, District Issue	1			
241 So Main	1	service back-up				1
132 Third	1	service back-up				1
<b>Monthly Totals</b>	4		1	0	0	3
<b>2016 Monthly Totals</b>	11		2	1	4	4
<b>YTD Totals</b>	38		2	5	2	29
<b>2016 YTD Totals</b>	53		11	12	30	0

## LIFT STATIONS

Location	No.	Comments
Ash Landfill	2	Project meetings
Pump Taylor Pond Stations	1	mass power outage, 199hrs spent pumping
Bradman	1	Install new station Generator
Station inspections	2	All stations
Green Turtle	1	trouble shoot comm failures
Inspect overflows	1	ok
ADS echo relocations	1	
<b>Monthly Totals</b>	9	
<b>2016 Monthly Totals</b>	7	
<b>YTD Totals</b>	67	
<b>2016 YTD Totals</b>	128	

## OVERFLOWS

Item		Comments
<b>Monthly Totals</b>	0	
<b>2016 Totals</b>	14	
<b>YTD Totals</b>	0	

## 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	7.7	2.05		3.16	11	35	17	26	8
February	49.8	3.63		3.04	8	37	16	27	6
March	20.2	2.27		4.14	10	35	17	26	-4
April	6.0	3.99		4.1	12	56	36	46	3
May	0.0	4.88		3.69	15	62	44	53	-2
June	0.0	1.56		3.96	12	75	52	64	-2
July	0.0	1.41		3.52	6	79	57	68	-2
August	0.0	1.56		3.01	6	77	53	65	-3
September	0.0	2.07		3.71	9	75	52	63	3
October	0.0	6.36		4.38	7	67	42	54	6
November									
December									
<b>YTD Totals</b>	83.70	29.78							
<b>2016 YTD Totals</b>	78.50	29.93							

## DIG SAFE

Month	Total	Contractors	MDOT	AHD	School Dept.	Lewiston Water	Fairpoint	AWD	CMP	ASD	GAS	MTA
January	46	20	0	0	0	0	0	4	21	0	1	1
February	34	6	0	0	0	0	1	1	21	5	0	0
March	47	22	0	0	0	0	1	13	6	1	0	4
April	121	67	2	26	0	0	1	2	4	4	11	4
May	141	95	0	1	0	0	0	6	30	0	8	1
June	122	65	1	28	0	0	1	5	12	2	7	1
July	149	51	1	66	0	0	0	8	13	1	8	1
August	182	59	6	38	0	0	0	4	19	3	51	2
September	138	62	1	40	0	0	0	11	10	0	13	1
October	104	52	10	9	0	0	0	13	11	0	9	0
November												
December												
<b>YTD Totals</b>	1084	499	21	208	0	0	4	67	147	16	108	15
<b>2016 Totals</b>	1134	528	16	231	2	0	5	70	180	11	77	14

## DUTY FOREMAN CALLS (Overtime)

Districts	Total	High/Low Pressure	Water Quality	Alarms	Sewer Service	Leak	Misc.	Locates	Hydrants	Meter	Fire Calls
Sewerage District	5			3	1	0	1	0	0	0	0
Water District	5	0	0	1		2	0	1	1	0	0
<b>Monthly Totals</b>	10	0	0	4	1	2	1	1	1	0	0
<b>2016 Monthly Totals</b>	9	0	0	3	2	1	3	0	0	0	0
<b>YTD Totals</b>	35	0	1	15	3	5	7	3	0	0	1
<b>2016 YTD Totals</b>	102	2	3	15	8	15	49	6	1	0	3

## OTHER ACTIVITIES

1. Severe wind and rain storm
2. JETCE class, hosted by AWSD
3. repair front bumper on vector truck
- 4.
- 5.

# AUBURN SEWERAGE DISTRICT 2018 BUDGET

DRAFT

November 15, 2017

Presented for Discussion at Trustee Meeting of November 21, 2017

**Trustees:**

Heidi McCarthy, President  
Charles Sheehan, Treasurer  
Andrew Titus, Mayor's Rep  
Joseph DeFilipp  
Raymond Fortier  
Robert Cavanagh  
Stephen Ness

**Officers:**

Sid Hazelton, Superintendent  
Mike Broadbent, Asst Superintendent  
Greg Leighton, Financial Manager

# AUBURN SEWERAGE DISTRICT

## 2018 Budget

DRAFT

	Actual 2015	Actual 2016	Budget 2017	PROJECTED 2017	BUDGET 2018	Notes
Metered Sales - Residential	\$1,957,711	\$2,210,256	\$2,230,717	\$2,239,095	\$2,239,095	Assumes 0% Growth/Usage
Metered Sales - Commercial	638,317	756,855	755,700	777,190	\$777,190	Assumes 0% Growth/Usage
Metered Sales - Industrial	716,521	774,674	659,793	533,870	\$533,870	Assumes 0% Growth/Usage
Metered Sales - Public Authorities	128,869	158,549	159,570	151,235	\$151,235	Assumes 0% Growth/Usage
<b>Total Metered Sales</b>	<b>\$3,441,418</b>	<b>\$3,900,334</b>	<b>\$3,805,780</b>	<b>\$3,701,390</b>	<b>\$3,701,390</b>	<b>0.0%</b>
Industrial Surcharges	377,362	230,543	73,507	44,335	44,335	Lost of Cascades in 2016
Public Catch Basins	12,500	12,500	12,500	12,500	0	All Catch Basins now separate
City of Auburn - Shared Debt	41,393	41,392	41,392	41,390	41,392	From Debt Schedule
Jobbing & Miscellaneous	7,948	13,392	14,216	5,000	5,000	Jobbing (shown net 2017 forward)
Assessments	30,762	21,023	22,935	5,175	18,987	3 Year Avg
Finance Charges	15,187	11,844	11,693	12,400	12,400	Assume No Change
Interest Income	1,193	1,527	1,397	5,185	2,635	3 Year Avg
Industrial Pre-Treatment Fees	46,200	51,150	51,150	52,800	50,400	Per LAWPCA
Sewer Capacity Fees	33,520	11,625	19,798	4,875	16,673	3 Year Avg
<b>Total Revenues</b>	<b>\$4,007,483</b>	<b>\$4,295,330</b>	<b>\$4,054,368</b>	<b>\$3,885,050</b>	<b>\$3,893,212</b>	<b>0.2%</b>
Payroll	380,640	404,085	431,697	413,115	434,356	Fully staffed, no COLA adjs
Employee Benefits	184,123	181,817	196,089	193,350	224,781	See Backup Schedule
Maintenance of Sewers	58,167	54,340	55,347	60,000	57,502	See Backup Schedule
Maintenance of Lift Stations	84,377	95,954	94,454	90,000	93,580	See Backup Schedule
Maintenance of Buildings	35,853	35,964	34,380	28,700	32,853	See Backup Schedule
Maintenance of Vehicles	6,392	19,126	20,200	13,500	16,216	See Backup Schedule
Office Expense	29,661	23,354	18,696	22,275	28,395	See Backup Schedule
Collection Expense	(961)	1,360	1,313	285	228	Cost of lens - Net
General Expense	7,600	9,726	7,539	1,800	1,890	See Backup Schedule
Insurances	57,063	56,766	58,113	50,875	52,401	See Backup Schedule
Legal & Accounting	29,852	32,711	33,464	28,985	28,517	See Backup Schedule
Billing Expense	66,535	70,627	71,143	70,600	71,120	See Backup Schedule
LAWPCA - Treatment	2,206,974	2,206,974	1,931,438	1,895,690	1,909,285	See Backup Schedule (Includes Pre-Treatment Fee)
<b>Interest (bonds)</b>	<b>91,261</b>	<b>74,705</b>	<b>79,004</b>	<b>81,815</b>	<b>79,427</b>	See Backup Schedule
<b>Sub - Total</b>	<b>\$3,146,276</b>	<b>\$3,192,804</b>	<b>\$2,953,873</b>	<b>\$2,869,175</b>	<b>\$2,951,125</b>	<b>2.9%</b>
<b>Total Expenses</b>	<b>\$3,237,537</b>	<b>\$3,267,509</b>	<b>\$3,032,877</b>	<b>\$2,950,990</b>	<b>\$3,030,552</b>	<b>2.7%</b>
<b>Net from Operations</b>	<b>\$769,946</b>	<b>\$1,027,821</b>	<b>\$1,021,491</b>	<b>\$934,060</b>	<b>\$862,660</b>	
<b>Debt Reduction (bonds)</b>	<b>472,746</b>	<b>487,871</b>	<b>493,110</b>	<b>493,110</b>	<b>548,477</b>	See Backup Schedule
<b>Surplus from Operations</b>	<b>\$297,200</b>	<b>\$539,950</b>	<b>\$528,381</b>	<b>\$440,950</b>	<b>\$314,183</b>	
<b>General Equipment</b>	<b>68,685</b>	<b>105,505</b>	<b>120,400</b>	<b>116,530</b>	<b>116,980</b>	See Backup Schedule
<b>Capital Projects</b>	<b>516,585</b>	<b>265,918</b>	<b>1,060,000</b>	<b>733,470</b>	<b>609,235</b>	See Backup Schedule
<b>Change in Cash after Capital</b>	<b>(\$288,070)</b>	<b>\$168,527</b>	<b>(\$652,019)</b>	<b>(\$409,050)</b>	<b>(\$412,032)</b>	
<b>Total Expenses</b>	<b>3,778,968</b>	<b>3,860,885</b>	<b>3,646,387</b>	<b>3,560,630</b>	<b>3,696,009</b>	Total Expenses, Bond Payments, General Equipment



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**AUBURN SEWERAGE DISTRICT**  
**2018 Budget**

	Actual 2015	Actual 2016	Budget 2017	PROJECTED 2017	BUDGET 2018	Notes
<b>EMPLOYEE BENEFITS</b>						
Health Insurance	109,999	114,508	124,910	131,715	156,225	See Health Schedule, includes \$15k Allocated from AWD
FICA	27,017	28,609	31,718	30,800	32,147	FICA = wages X 7.65%
ICMA 401 Plan	19,823	21,092	21,982	22,300	22,746	6% rate for participants
Unemployment Insurance	1,437	882	908	605	623	Maine Municipal
Clothing, Misc	5,151	3,262	2,048	3,330	8,330	Clothing, Other Misc, Training - Salary Survey in 2018 (\$5k)
MSRS Retirement Plan	17,258	9,549	10,403	1,400	1,414	ME-PERS (Billed Monthly from AWD)
Shared Employees w/ Lewiston	3,438	3,915	4,120	3,200	3,296	Dan Rodrigue (Billed Monthly from AWD)
<b>TOTAL:</b>	<b>\$184,123</b>	<b>\$181,817</b>	<b>\$196,089</b>	<b>\$193,350</b>	<b>\$224,781</b>	

11/15/2017

**AUBURN SEWERAGE DISTRICT  
2018 Budget**

	Actual 2015	Actual 2016	Budget 2017	PROJECTED 2017	BUDGET 2018	Notes
<b><u>MAINTENANCE OF SEWERS</u></b>						
Contracted Work	52,525	47,896	45,608	50,000	50,140	T Berry, Road Openings, Dig Safe, Paving, Maint - (3yr Avg)
Materials	5,642	6,444	9,739	10,000	7,362	Supplies for Raising Manholes, Loam, EJP - (3yr Avg)
<b>TOTAL:</b>	<b>\$58,167</b>	<b>\$54,340</b>	<b>\$55,347</b>	<b>\$60,000</b>	<b>\$57,502</b>	
<b><u>MAINTENANCE OF LIFT STATIONS</u></b>						
Electricity	53,209	55,125	55,000	60,000	61,800	Power @ Lift Stations
Repairs	8,946	13,494	12,094	12,000	11,480	Power Products, Stultz, Supplies, - (3yr Avg)
In-House Labor	12,511	13,968	15,000	8,000	10,000	In-House Payroll
All Other	9,711	13,367	12,360	10,000	10,300	Rentals, Landscaping, Lawn Mowing, Misc Other
<b>TOTAL:</b>	<b>\$84,377</b>	<b>\$95,954</b>	<b>\$94,454</b>	<b>\$90,000</b>	<b>\$93,580</b>	
<b><u>MAINTENANCE OF BUILDINGS</u></b>						
Miscellaneous	3,257	3,029	3,914	3,000	3,030	Cell Phones, Misc
Electricity	4,114	4,337	4,200	3,200	3,296	Power for garage + barn
Heat	8,000	5,238	7,676	6,000	6,413	Natural Gas for Building (Unitil)
Supplies	7,557	11,152	9,090	8,000	8,903	Towels, Rags, Janitorial Supplies, Security, Fire Extinguishers
Repairs, Maintenance	12,925	12,208	9,500	8,500	11,211	Office Cleaning, Maintenance, Trash Removal, Thayer
<b>TOTAL:</b>	<b>\$35,853</b>	<b>\$35,964</b>	<b>\$34,380</b>	<b>\$28,700</b>	<b>\$32,853</b>	
<b><u>OFFICE EXPENSE:</u></b>						
Computer Support	14,266	6,742	3,584	7,150	12,365	NDS, DirigoNet, SCADA, Website, GIS, New WO System \$5k in 2018
Mailing Costs	3,290	3,308	3,333	3,400	3,434	Postage, postage meter rental, Pitney Bowes
Electricity	2,057	2,168	2,400	2,400	2,424	Power bill for 268 Court Street
Supplies	3,130	3,894	2,778	2,800	3,275	Copy paper, computer paper, toner, forms, etc.
Telephone	1,443	1,471	1,530	1,500	1,471	Office Phone Lines (Oxford Networks)
Membership/Service Fees	1,710	1,784	1,818	1,800	1,765	Maine Municipal Assoc., Andros. Chamber, Trustee Fees
Miscellaneous	1,400	1,819	1,010	1,000	1,406	Bank fees, Ads, Newsletter, Measuring of the Lake
Machine Maint. Contract	1,895	1,753	1,818	1,800	1,818	Copier - Budget Doc Tech & Great American
Answering Service	470	415	425	425	438	Answering service off hours - Beltone
<b>TOTAL:</b>	<b>\$29,661</b>	<b>\$23,354</b>	<b>\$18,696</b>	<b>\$22,275</b>	<b>\$28,395</b>	

# AUBURN SEWERAGE DISTRICT 2018 Budget

11/15/2017

	Actual 2015	Actual 2016	Budget 2017	PROJECTED 2017	BUDGET 2018	Notes
<b><u>GENERAL EXPENSE:</u></b>						
Jobbing Expense	3,282	3,367	4,428	0	0	0 Jobbing (shown net 2017 forward)
Equipment Maintenance	4,318	6,359	3,111	1,800	1,890	Power Products, Misc (3-yr Avg)
<b>TOTAL:</b>	<b>\$7,600</b>	<b>\$9,726</b>	<b>\$7,539</b>	<b>\$1,800</b>	<b>\$1,890</b>	
<b><u>INSURANCE EXPENSE</u></b>						
Workman's Compensation	14,170	13,596	13,656	11,000	11,330	Includes Dan Rodrigue Alloc.
Commercial Package	36,158	35,016	36,119	31,725	32,677	Assumes 3% Increase
Auto	4,268	4,692	4,810	4,750	4,893	Assumes 3% Increase
Umbrella	2,467	3,462	3,528	3,400	3,502	Assumes 3% Increase
<b>TOTAL:</b>	<b>\$57,063</b>	<b>\$56,766</b>	<b>\$58,113</b>	<b>\$50,875</b>	<b>\$52,401</b>	
<b><u>LEGAL &amp; ACCOUNTING:</u></b>						
Accounting	21,173	21,615	21,599	20,000	20,000	The Maine Water Co
Audit	4,975	6,300	6,615	6,485	4,850	New Auditor 2018
Legal	3,704	4,796	5,250	2,500	3,667	Skelton, Taintor & Abbott (3 yr Avg)
<b>TOTAL:</b>	<b>\$29,852</b>	<b>\$32,711</b>	<b>\$33,464</b>	<b>\$28,985</b>	<b>\$28,517</b>	
<b><u>BILLING EXPENSE</u></b>						
Other	50,000	50,000	50,000	50,000	50,000	Meter Reads Paid to AWD
Billing Items	14,035	19,422	17,876	17,500	18,025	NDS Billing, Customer Notices
Postage	2,500	1,200	2,550	3,000	3,060	Postage Allocated to Billing
Bad Debts	0	5	717	100	35	Write-Off Bad Debts (3 year avg)
<b>TOTAL:</b>	<b>\$66,535</b>	<b>\$70,627</b>	<b>\$71,143</b>	<b>\$70,600</b>	<b>\$71,120</b>	

LEWISTON AUBURN WATER POLLUTION CONTROL AUTHORITY

	Actual 2015	Actual 2016	Budget 2017	PROJECTED 2017	BUDGET 2018
<b>Operating Expenses</b>					
Chemicals & Amendment	\$351,703	\$372,745	\$375,000	\$327,822	\$382,000
Equipment Repair & Maint.	\$153,422	\$141,566	\$193,000	\$229,388	\$200,000
Building & Grounds	\$116,076	\$92,855	\$135,000	\$127,704	\$165,000
Vehicle Expenses	\$85,876	\$48,878	\$57,000	\$41,656	\$57,000
Residuals Disposals	\$309,134	\$281,360	\$285,000	\$314,736	\$250,000
Lab & Analytical	\$57,708	\$52,371	\$64,000	\$52,103	\$68,000
Pretreatment	\$13,860	\$11,605	\$12,000	\$10,683	\$11,500
Safety	\$20,420	\$20,502	\$26,000	\$22,176	\$27,000
Electrical	\$269,723	\$255,368	\$240,000	\$221,665	\$212,000
Fuels	\$123,992	\$76,049	\$110,000	\$95,923	\$100,000
Water	\$17,834	\$41,432	\$38,000	\$39,702	\$35,000
Landfill Monitoring	\$23,374	\$27,324	\$27,000	\$27,000	\$24,000
Other Miscellaneous Expense	\$0	\$0	\$0	\$0	\$0
<b>TOTAL Operating:</b>	<b>\$1,543,122</b>	<b>\$1,422,055</b>	<b>\$1,562,000</b>	<b>\$1,510,558</b>	<b>\$1,531,500</b>
<b>Administrative Expenses</b>					
Office Expense	\$11,579	\$13,598	\$12,500	\$11,414	\$12,450
Telephone & Communications	\$7,610	\$7,147	\$9,000	\$9,529	\$9,000
Insurance	\$97,490	\$97,622	\$125,000	\$127,314	\$135,000
Legal & Audit	\$16,620	\$38,410	\$16,000	\$14,547	\$16,000
Advertising	\$2,340	\$1,387	\$2,000	\$1,998	\$2,000
Salaries & Wages	\$1,105,003	\$1,148,490	\$1,180,000	\$1,142,078	\$1,190,000
Employee Benefits	\$410,858	\$387,599	\$450,000	\$421,767	\$440,000
Professional Development	\$27,954	\$27,663	\$29,500	\$25,602	\$27,500
Licensing Fees	\$22,140	\$25,600	\$18,375	\$26,800	\$19,000
<b>TOTAL Administrative</b>	<b>\$1,701,594</b>	<b>\$1,747,516</b>	<b>\$1,842,375</b>	<b>\$1,781,049</b>	<b>\$1,850,950</b>
Sub-Total O&M Expenses	\$3,244,716	\$3,169,571	\$3,404,375	\$3,291,607	\$3,382,450
<b>Capital Expenses</b>					
CF Plant & Equipment		\$25,000	\$25,000	\$25,000	\$26,000
Replacement Reserve	\$174,000	\$180,000	\$145,000	\$145,000	\$135,000
Plant & Equipment	\$209,114	\$180,247	\$137,750	\$137,750	\$211,000
<b>TOTAL Capital Expenses</b>	<b>\$383,114</b>	<b>\$385,247</b>	<b>\$307,750</b>	<b>\$307,750</b>	<b>\$372,000</b>
<b>TOTAL OPERATING EXPENSES:</b>	<b>\$3,627,830</b>	<b>\$3,554,818</b>	<b>\$3,712,125</b>	<b>\$3,599,357</b>	<b>\$3,754,450</b>
<b>Debt Service Expenses</b>					
Bad Debt Expense	\$0	\$0	\$0	\$0	\$0
Interest	\$211,242	\$191,995	\$181,908	\$181,908	\$164,805
Fees	\$65,882	\$72,878	\$72,674	\$72,674	\$72,315
Bond Principal	\$1,337,171	\$1,492,492	\$1,500,324	\$1,500,324	\$1,507,203
<b>TOTAL DEBT SERVICE EXPENSES</b>	<b>\$1,614,295</b>	<b>\$1,757,365</b>	<b>\$1,754,906</b>	<b>\$1,754,906</b>	<b>\$1,744,323</b>
<b>TOTAL EXPENSES:</b>	<b>\$5,242,125</b>	<b>\$5,312,183</b>	<b>\$5,467,031</b>	<b>\$5,354,263</b>	<b>\$5,498,773</b>
<b>Revenues:</b>					
Septic Revenue	\$169,395	\$200,000	\$172,500	\$222,876	\$184,000
Industrial Revenue	\$123,432	\$165,931	\$77,000	\$76,410	\$82,000
Septic Licenses	\$7,000	\$16,466	\$19,080	\$42,102	\$23,585
Interest Revenue	\$1,087	\$653	\$550	\$498	\$550
Compost Revenue	\$80,462	\$70,126	\$79,000	\$59,805	\$75,000
Miscellaneous Revenue	\$273,814	\$423,165	\$419,055	\$338,227	\$486,425
<b>TOTAL REVENUE</b>	<b>\$655,190</b>	<b>\$876,341</b>	<b>\$767,185</b>	<b>\$739,918</b>	<b>\$851,560</b>
<b>NET BUDGET COST:</b>	<b>\$4,586,935</b>	<b>\$4,435,842</b>	<b>\$4,699,846</b>	<b>\$4,614,345</b>	<b>\$4,647,213</b>
ASD @ (Budget 40%)	\$2,160,774	\$2,131,488	\$1,879,938	\$1,845,738	\$1,858,885
ASD Pre-Treatment Fee	\$46,200	\$50,400	\$51,500	\$50,400	\$50,400
Total to O&M	\$2,206,974	\$2,181,888	\$1,931,438	\$1,895,690	\$1,909,285

# Vehicle Summary

11/15/2017

## AUBURN WATER DISTRICT AUBURN SEWERAGE DISTRICT 2018 Budget

	Actual 2015	Actual 2016	BUDGET 2017	Projected 2017	BUDGET 2018	Notes
<b>VEHICLES: WATER</b>						
Unit #16, 2000 Chevy Pickup	825	149	2,000	0	0	Gas & Maintenance
Unit #19, 2002 GMC Sierra 1500 P/U	968	0	0	0	0	Replaced in 2015
Unit # 22, 2003 Ford Focus Wagon	-359	-430	1,558	-1,000	0	Gas & Maintenance
Unit # 23, 2004 GMC 8 cy Dump Truck	1,382	1,455	1,393	5,900	2,912	Gas & Maintenance
Unit # 25, 2005 Chevy Silverado	2,568	3,927	1,058	1,800	2,765	Gas & Maintenance
Unit # 26, 2006 Chevy 1 Ton 2 WD	5,805	2,852	3,009	2,700	3,786	Gas & Maintenance
Unit # 28, 2007 Ford 1 Ton Utility	5,604	1,060	0	0	0	Replaced in 2016
Unit # 29, 2008 Chevy Colorado	4,431	3,708	4,306	2,800	2,940	Gas & Maintenance
Unit # 30, 2008 JD Backhoe-Loader	14,136	3,385	6,333	9,200	8,907	Gas & Maintenance
Unit # 31, 2010 Ford Transit Van	2,428	5,634	3,393	4,400	4,154	Gas & Maintenance
Unit # 32, 2011 Ford F-350 P/U	3,465	5,665	2,479	3,000	4,043	Gas & Maintenance
Unit # 33, 2012 Ford Service Truck	3,045	563	2,479	725	2,761	Gas & Maintenance
Unit # 34, 2004 Dump Truck	2,924	10,136	5,312	17,600	10,220	Gas & Maintenance
Unit # 36, 2013 Ford 150 P/U	1,094	846	3,809	1,150	1,030	Gas & Maintenance
Unit # 38, 2015 Ford 250 P/U	1,890	3,332	3,347	4,100	3,107	Gas & Maintenance
Unit # 39, 2015 Ford 250 P/U	2,271	3,186	2,715	2,500	2,652	Gas & Maintenance
2013 JCB 409B Mini-Loader	1,135	4,792	6,047	4,900	3,609	Gas & Maintenance
Unit # 41, 2016 Chevy Silverado Service	0	5,730	3,300	6,000	3,300	Gas & Maintenance
Unit # 42, 2006 Volvo Dump Truck	0	0	0	13,900	3,300	Gas & Maintenance
All Other Miscellaneous Transportation	1,783	3,131	2,473	2,900	3,045	Trailers, Tools, Etc
Labor on Vehicles & Equipment	17,051	14,330	15,000	10,465	15,000	In-House Work on Equip
<b>TOTAL:</b>	<b>\$72,446</b>	<b>\$73,451</b>	<b>\$70,011</b>	<b>\$93,040</b>	<b>\$77,532</b>	
<b>VEHICLES: SEWER</b>						
Unit #27, 2006 Chevy Plow Truck	4,987	771	5,000	0	0	Retired 2016
Unit #35, 2013 Leased Vacuum Truck	-1,081	13,425	10,000	8,500	10,963	2015 includes \$7k refund
Unit #37, 2015 GMC Sierra	2,258	3,275	2,500	2,500	2,678	Gas & Maintenance
Unit #40, Ford F350 P/U	0	1,655	2,500	2,500	2,500	Gas & Maintenance
All Other Vehicle Related	228	0	200	0	76	Durand Flusher/Other
<b>TOTAL:</b>	<b>\$6,392</b>	<b>\$19,126</b>	<b>\$20,200</b>	<b>\$13,500</b>	<b>\$16,216</b>	

Health Insurance Summary

**CURRENT (2017) Health Insurance Cost**

PLAN = PPO-2500

Employee	District	Plan	Monthly Total Premium	Monthly Employee Cost	Monthly District Cost
1 AWD	Family	Family	\$1,851.63	\$277.74	\$1,573.89
2 AWD	Family	Family	\$1,851.63	\$277.74	\$1,573.89
3 AWD	Emp & Sp.	Emp & Sp.	\$1,194.60	\$179.19	\$1,015.41
4 AWD	Family	Family	\$1,851.63	\$277.74	\$1,573.89
5 AWD	Family	Family	\$1,851.63	\$277.74	\$1,573.89
6 AWD	Emp & Sp.	Emp & Sp.	\$1,194.60	\$179.19	\$1,015.41
7 AWD	Emp & Child	Emp & Child	\$1,105.01	\$165.75	\$939.26
8 AWD	Emp & Sp.	Emp & Sp.	\$1,194.60	\$179.19	\$1,015.41
9 AWD	Family	Family	\$1,851.63	\$277.74	\$1,573.89
10 AWD	Family	Family	\$1,851.63	\$277.74	\$1,573.89
11 AWD	Single	Single	\$597.30	\$89.60	\$507.71
12 AWD	Emp & Child	Emp & Child	\$1,105.01	\$165.75	\$939.26
13 AWD	Emp & Sp.	Emp & Sp.	\$1,194.60	\$179.19	\$1,015.41
14 AWD	Emp & Child	Emp & Child	\$1,105.01	\$165.75	\$939.26
15 AWD	Family	Family	\$1,851.63	\$277.74	\$1,573.89
16 AWD	Single	Single	\$597.30	\$89.60	\$507.71
17 AWD	Family	Family	\$1,851.63	\$277.74	\$1,573.89
18 AWD	Family	Family	\$1,851.63	\$277.74	\$1,573.89
1 ASD	Single	Single	\$597.30	\$89.60	\$507.71
2 ASD	Emp & Sp.	Emp & Sp.	\$1,194.60	\$179.19	\$1,015.41
3 ASD	Family	Family	\$1,851.63	\$277.74	\$1,573.89
4 ASD	Single	Single	\$597.30	\$89.60	\$507.71
5 ASD	Family	Family	\$1,851.63	\$277.74	\$1,573.89
6 ASD	Family	Family	\$1,851.63	\$277.74	\$1,573.89
7 ASD	Family	Family	\$1,851.63	\$277.74	\$1,573.89
8 ASD	Single	Single	\$597.30	\$89.60	\$507.71
26			<b>MONTHLY EXPENSE:</b> \$36,345.72	<b>\$5,451.86</b>	<b>\$30,893.86</b>
			<b>ANNUAL EXPENSE:</b> \$436,148.64	<b>\$65,422.30</b>	<b>\$370,726.34</b>

ASD Annual share:	27.4%	\$99,916.34
AWD Annual Share:	72.6%	\$264,717.54
<b>TOTAL:</b>		<b>\$364,633.88</b>

2015 PPO 500 Plan - Actual	2016 PPO 500 Plan - Actual	2017 PPO 2000 Plan - Forecast	2018 PPO 2000 Plan - Budget
ASD Annual share:	\$112,787.00	\$137,980.00	\$168,406.98
AWD Annual Share:	\$297,826.00	\$323,155.00	\$406,222.12
<b>TOTAL:</b>	<b>\$410,613.00</b>	<b>\$461,135.00</b>	<b>\$574,629.09</b>
ASD Annual share:	\$105,697.00	\$114,625.00	\$141,225.05
AWD Annual Share:	\$232,341.00	\$264,680.00	\$345,482.89
<b>TOTAL:</b>	<b>\$338,038.00</b>	<b>\$379,305.00</b>	<b>\$486,707.94</b>

ASD Annual share:	29.0%	\$121,337.68
AWD Annual Share:	71.0%	\$297,522.27
<b>TOTAL:</b>		<b>\$418,859.94</b>

3 Single	\$8,000.00	
9 Emp/Sp/Child	\$4,000.00	
13 Family	\$8,000.00	
HRA Fees - AWD	\$1,364.00	
HRA Fees - ASD	\$884.00	
<b>Total =</b>	<b>\$166,248.00</b>	

Worst Case - 100% Utilization	\$166,248.00	
	\$418,859.94	
	\$585,107.94	
ASD Cost:	29.0%	\$169,497.32
AWD Cost:	71.0%	\$415,610.62
<b>TOTAL PLAN COST:</b>		<b>\$585,107.94</b>

Estimates based on 40% HRA Utilization	\$19,003.37	
ASD Share:	\$46,596.63	
AWD Share:	\$65,600.00	
ASD Cost:	29.0%	\$141,225.05
AWD Cost:	71.0%	\$345,482.89
<b>TOTAL PLAN COST - 2018:</b>		<b>\$486,707.94</b>



**PROJECTED (2018) Cost with Cross/Anthem PPO 2500**

Employee	District	Plan	Monthly Total Premium	Monthly Employee Cost	Monthly District Cost
1 AWD	Family	Family	\$2,119.38	\$317.91	\$1,801.47
2 AWD	Family	Family	\$2,119.38	\$317.91	\$1,801.47
3 AWD	Emp & Sp.	Emp & Sp.	\$1,367.34	\$205.10	\$1,162.24
4 AWD	Family	Family	\$2,119.38	\$317.91	\$1,801.47
5 AWD	Family	Family	\$2,119.38	\$317.91	\$1,801.47
6 AWD	Emp & Sp.	Emp & Sp.	\$1,367.34	\$205.10	\$1,162.24
7 AWD	Emp & Child	Emp & Child	\$1,264.79	\$189.72	\$1,075.08
8 AWD	Emp & Sp.	Emp & Sp.	\$1,367.34	\$205.10	\$1,162.24
9 AWD	Family	Family	\$2,119.38	\$317.91	\$1,801.47
10 AWD	Family	Family	\$2,119.38	\$317.91	\$1,801.47
11 AWD	Single	Single	\$683.67	\$102.55	\$581.12
12 AWD	Emp & Child	Emp & Child	\$1,264.79	\$189.72	\$1,075.08
13 AWD	Emp & Sp.	Emp & Sp.	\$1,367.34	\$205.10	\$1,162.24
14 AWD	Emp & Child	Emp & Child	\$1,264.79	\$189.72	\$1,075.08
15 AWD	Family	Family	\$2,119.38	\$317.91	\$1,801.47
16 AWD	Single	Single	\$125.00	\$0.00	\$125.00
17 AWD	Family	Family	\$2,119.38	\$317.91	\$1,801.47
18 AWD	Family	Family	\$2,119.38	\$317.91	\$1,801.47
1 ASD	Single	Single	\$683.67	\$102.55	\$581.12
2 ASD	Emp & Sp.	Emp & Sp.	\$1,367.34	\$205.10	\$1,162.24
3 ASD	Family	Family	\$2,119.38	\$317.91	\$1,801.47
4 ASD	Single	Single	\$683.67	\$102.55	\$581.12
5 ASD	Family	Family	\$2,119.38	\$317.91	\$1,801.47
6 ASD	Family	Family	\$2,119.38	\$317.91	\$1,801.47
7 ASD	Family	Family	\$2,119.38	\$317.91	\$1,801.47
8 ASD	Single	Single	\$683.67	\$102.55	\$581.12
26			<b>MONTHLY EXPENSE:</b> \$41,042.64	<b>\$6,137.65</b>	<b>\$34,905.00</b>
			<b>ANNUAL EXPENSE:</b> \$492,511.70	<b>\$73,651.75</b>	<b>\$418,859.94</b>

ASD Annual share:	29.0%	\$121,337.68
AWD Annual Share:	71.0%	\$297,522.27
<b>TOTAL:</b>		<b>\$418,859.94</b>

3 Single	\$8,000.00	
9 Emp/Sp/Child	\$4,000.00	
13 Family	\$8,000.00	
HRA Fees - AWD	\$1,364.00	
HRA Fees - ASD	\$884.00	
<b>Total =</b>	<b>\$166,248.00</b>	

Worst Case - 100% Utilization	\$166,248.00	
	\$418,859.94	
	\$585,107.94	
ASD Cost:	29.0%	\$169,497.32
AWD Cost:	71.0%	\$415,610.62
<b>TOTAL PLAN COST:</b>		<b>\$585,107.94</b>

Estimates based on 40% HRA Utilization	\$19,003.37	
ASD Share:	\$46,596.63	
AWD Share:	\$65,600.00	
ASD Cost:	29.0%	\$141,225.05
AWD Cost:	71.0%	\$345,482.89
<b>TOTAL PLAN COST - 2018:</b>		<b>\$486,707.94</b>

	Actual 2015	Actual 2016	BUDGET 2017	Projected 2017	BUDGET 2018	Projected 2019	Projected 2020	Projected 2021
<b><u>BONDS &amp; NOTES</u></b>								
Principal	\$472,746	\$487,871	\$493,110	\$493,110	\$548,477	\$553,968	\$435,106	\$440,863
Interest	\$91,261	\$74,705	\$79,004	\$81,815	\$79,427	\$76,422	\$67,496	\$61,887
<b>TOTAL:</b>	<b>\$564,007</b>	<b>\$562,576</b>	<b>\$572,114</b>	<b>\$574,925</b>	<b>\$627,904</b>	<b>\$630,390</b>	<b>\$502,602</b>	<b>\$502,751</b>

**CURRENT BONDED INDEBTEDNESS:**

<u>Issue Date</u>	<u>Balance</u>	<u>Principal</u>	<u>Interest</u>	<u>Term</u>	<u>Interest</u>	<u>Notes</u>
1999	\$140,000	\$70,000	\$5,653	20 years	5.60%	Main Ext, Cleaning, 35 S Street Purchase
2001	\$431,563	\$82,307	\$9,578	20 years	2.00%	Capital Improvements
2003	\$107,790	\$54,482	\$1,295	20 years	1.56%	Refinance 2000FS Bond
2003	\$265,412	\$42,571	\$5,143	20 years	2.25%	Capital Improvements
2004	\$494,987	\$66,566	\$9,756	20 years	1.50%	Capital Improvements
2007	\$756,125	\$70,263	\$15,687	20 years	1.62%	CSO Work per 06 & 07 Master Plans
2009	\$374,363	\$29,502	\$5,218	20 years	1.01%	CSO & Main Lining - Various Streets
2009	\$952,031	\$82,786	\$4,139	20 years	0.00%	Perryville CSO Work (City 50%)
2017	\$1,000,000	\$50,000	\$25,028	20 years	3.54%	Main Replacements, CSO, Various Other
<b>TOTAL CURRENT BONDS:</b>	<b>\$4,522,271</b>	<b>\$548,477</b>	<b>\$81,497</b>			

(**\$2,070**) < Less: City of Auburn Reimbursement

**\$79,427** < **Net Interest Expense**

AUBURN SEWERAGE DISTRICT - LONG TERM DEBT PAYMENT SCHEDULE

Year	1999		2001		2003 (c)		2004		2007		2009		2009-ARRA		2017-B		TOTAL	
	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest
1999	0.00	29,772.50																29,772.50
2000	30,000.00	58,720.00																88,720.00
2001	30,000.00	57,070.00																87,070.00
2002	40,000.00	55,145.00																95,145.00
2003	40,000.00	52,945.00	57,871.72	27,652.11	54,482.18	8,226.34	34,846.64	14,805.40										88,823.45
2004	40,000.00	50,745.00	59,246.75	31,097.68	54,482.07	12,102.99	35,250.36	14,136.38										88,823.45
2005	50,000.00	48,270.00	60,654.45	28,170.31	54,482.07	9,566.43	36,115.02	13,271.72										152,353.90
2006	50,000.00	45,520.00	62,095.60	26,960.64	54,482.07	8,941.49	36,577.75	12,808.97										297,326.53
2007	50,000.00	42,770.00	63,571.00	25,722.23	54,482.07	8,316.53	36,577.75	12,808.97										119,341.67
2008	50,000.00	40,020.00	65,081.44	24,454.39	54,482.07	7,691.60	37,062.02	12,324.73										110,371.68
2009	50,000.00	37,270.00	66,627.78	23,156.45	54,482.07	7,066.96	37,568.82	11,817.93										110,371.68
2010	60,000.00	34,945.00	68,210.85	21,927.64	54,482.07	6,441.71	38,099.20	11,287.55										139,349.00
2011	60,000.00	30,945.00	69,831.54	20,467.26	54,482.07	5,823.10	38,654.25	10,763.33										139,349.00
2012	60,000.00	27,615.00	71,490.74	19,074.56	54,482.07	5,206.10	39,235.15	10,238.00										111,220.76
2013	60,000.00	24,295.00	73,189.36	17,648.77	54,482.07	4,591.33	39,839.15	9,713.68										111,220.76
2014	60,000.00	20,995.00	74,928.34	16,189.13	54,482.07	3,998.99	40,479.26	9,198.32										111,220.76
2015	60,000.00	17,535.00	76,708.64	14,694.78	54,482.07	3,328.75	41,145.07	8,684.03										111,220.76
2016	70,000.00	13,895.00	78,531.24	13,164.94	54,482.07	2,707.75	41,841.85	8,172.75										111,220.76
2017	70,000.00	9,957.50	80,397.14	11,598.75	54,482.07	2,104.64	42,571.06	7,664.66										111,220.76
2018	70,000.00	5,985.00	82,307.37	9,895.33	54,482.07	1,451.41	43,334.19	7,157.26										111,220.76
2019	70,000.00	1,985.00	84,265.00	8,353.84	54,482.07	1,134.31	44,132.83	6,664.66										111,220.76
2020			86,265.09	6,873.33			44,968.62	6,172.75										111,220.76
2021			88,314.74	4,952.90			45,843.30	5,672.75										111,220.76
2022			90,413.21	3,191.58			46,758.69	5,172.75										111,220.76
2023								4,674.66										111,220.76
2024								4,174.66										111,220.76
2025								3,674.66										111,220.76
2026								3,174.66										111,220.76
2027								2,674.66										111,220.76
2028								2,174.66										111,220.76
2029								1,674.66										111,220.76
2030								1,174.66										111,220.76
2031								674.66										111,220.76
2032								174.66										111,220.76
2033																		111,220.76
2034																		111,220.76
2035																		111,220.76
2036																		111,220.76
2037																		111,220.76
TOTAL	1,070,000.00	705,570.00	1,460,000.00	355,046.64	926,195.30	103,334.39	800,000.00	173,539.31	1,250,000.00	257,678.34	1,400,000.00	328,440.02	600,000.00	99,182.32	1,655,707.00	155,204.83	10,161,922.30	2,537,436.85



**AUBURN WATER DISTRICT  
AUBURN SEWERAGE DISTRICT  
2018 Equipment Budget**

<b>2018 Equipment Budget</b>	<b>BUDGET COST</b>	<b>AWD SHARE</b>	<b>ASD SHARE</b>	<b>Notes</b>
<b><u>Water Operations</u></b>				
Valve Operator & Vacuum Unit	\$45,000	\$22,500	\$22,500	Valve Turning Machine w/ vacuum attachment
Pavement Impactor	\$25,000	\$12,500	\$12,500	Frost, pavement, ledge
Compactor - ASD	\$9,000	\$0	\$9,000	Heavy duty plate compactor
Purchase 2017 Volvo Excavator - \$145k	\$31,960	\$15,980	\$15,980	5 Annual Payments of \$31,960 - 2018 Year 1
	<b>\$110,960</b>	<b>\$50,980</b>	<b>\$59,980</b>	
<b><u>Sewer Operations</u></b>				
	\$0	\$0	\$0	None in 2018
	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b><u>SCADA &amp; Electrical</u></b>				
Standby Generator - E1 Pump Station	\$24,000	\$0	\$24,000	No emergency backup at this station
Standby Generator - W2 Pump Station	\$32,000	\$0	\$32,000	No emergency backup at this station
	<b>\$56,000</b>	<b>\$0</b>	<b>\$56,000</b>	
<b><u>UV Plant &amp; Lab</u></b>				
Co2 System - 50/50 split with LWD	\$2,000	\$2,000	\$0	Total cost \$4,000 (1/2 to be paid by Lewiston)
UPS Battery Replacment for UV Reactors	\$11,000	\$11,000	\$0	Total cost \$22,000 (1/2 to be paid by Lewiston)
Fluoride Analyzer	\$6,000	\$6,000	\$0	Replace old, worn analyzers
	<b>\$19,000</b>	<b>\$19,000</b>	<b>\$0</b>	
<b><u>Office &amp; Administrative</u></b>				
New Workstation - Tanya Johnson	\$2,000	\$1,000	\$1,000	\$4k with 50% Safety Enhancement Grant
	\$0	\$0	\$0	
	\$0	\$0	\$0	
	\$0	\$0	\$0	
	<b>\$2,000</b>	<b>\$1,000</b>	<b>\$1,000</b>	
	<b>\$187,960</b>	<b>\$70,980</b>	<b>\$116,980</b>	

AUBURN SEWERAGE DISTRICT

2018 Project Capital Improvement Projects (not budgeted in regular O&M)

<u>2018 Water District Projects</u>		
	<u>BUDGET</u>	
	<u>COST</u>	
	<u>Notes</u>	
Minot Ave - Replace 4400' of 12" pipe	\$650,000	City Road Construction - Court to Fairview, Monroe
Lake Auburn Ave - Replace 1600' of 12" pipe	\$160,000	City Road Construction - Turner to Coburn
Seventh Street - Replace 1300' of 8" pipe	\$130,000	City Road Construction - Mary Carroll to Broad
Spring Street - Replace 550' of 12" pipe	\$55,000	City Road Construction - Hampshire to Court
Meter Upgrades	\$18,500	Current modules obsolete in 2017
Water Station Upgrades - 2018 Spend	\$11,100	PLC Upgrades to Allen-Bradley (Total \$22.2k)
Reserve for Unexpected Work	\$102,460	10% "Reserve" per trustee mtg 5/17/17
	<b>WATER TOTALS: \$1,127,060</b>	

<u>2018 Sewer District Projects</u>		
	<u>BUDGET</u>	
	<u>COST</u>	
	<u>Notes</u>	
Cross-Country Line - Replace 3100' of 15" pipe	\$186,000	Airport Sewer Line - \$60/ft
Lewiston Junction Road - Replace 1240' of 15" pipe	\$74,400	Part of airport line project - \$60/ft
Seventh Ave - Replace 1600' of 8" pipe	\$160,000	City Road Construction - Sewer
I&I Remediation Projects & CSO Work	\$107,600	5yr CSO Plan Work (mains, catch basins)
Pump Station Upgrades - 2018 Spend	\$25,850	PLC Upgrades to Allen-Bradley (Total \$51.7k)
Reserve for Unexpected Work	\$55,385	10% "Reserve" per trustee mtg 5/17/17
	<b>SEWER TOTALS: \$609,235</b>	

Lewiston - Auburn Water Pollution Control Authority										
Monthly Cost Apportionment Summary										
Cost Apportionment Summary - First Half of 2017										
Month	Lewiston Sewer Division Initial %	Lewiston Sewer Division Initial \$	Op Data %	Op Data \$	Difference \$	Initial %	Initial \$	Auburn Sewerage District Op Data %	Op Data \$	Difference \$
January	60.00%	\$147,247.07	64.46%	\$158,192.43	(\$10,945.37)	0.0	40.00%	35.54%	\$87,219.35	\$10,945.37
February	60.00%	\$147,247.07	64.88%	\$159,223.16	(\$11,976.09)	0.0	40.00%	35.12%	\$86,188.62	\$11,976.09
March	60.00%	\$147,247.07	64.71%	\$158,805.96	(\$11,558.89)	0.0	40.00%	35.29%	\$86,605.82	\$11,558.89
April	64.00%	\$157,063.54	60.67%	\$148,891.33	\$8,172.21	0.0	36.00%	39.33%	\$96,520.45	(\$8,172.21)
May	64.00%	\$157,063.54	61.81%	\$151,689.02	\$5,374.52	0.0	36.00%	38.19%	\$93,722.76	(\$5,374.52)
June	64.00%	\$157,063.54	60.87%	\$149,382.15	\$7,681.39	0.0	36.00%	39.13%	\$96,029.63	(\$7,681.39)
Six Month Adjustment			62.90%		(\$13,252.24)			37.10%		\$13,252.24
Cost Apportionment Summary - Second Half of 2017										
Month	Lewiston Sewer Division Initial %	Lewiston Sewer Division Initial \$	Op Data %	Op Data \$	Difference \$	Initial %	Initial \$	Auburn Sewerage District Op Data %	Op Data \$	Difference \$
July	64.00%	\$157,063.54	61.32%	\$150,486.50	\$6,577.04	0.0	36.00%	38.68%	\$94,925.28	(\$6,577.04)
August	64.00%	\$157,063.54	61.89%	\$151,885.35	\$5,178.19	0.0	36.00%	38.11%	\$93,526.43	(\$5,178.19)
September	64.00%	\$157,063.54	61.83%	\$151,738.10	\$5,325.44	0.0	36.00%	38.17%	\$93,673.68	(\$5,325.44)
October	62.00%	\$152,155.30	64.84%	\$159,125.00	(\$6,969.69)	0.0	38.00%	35.16%	\$86,286.78	\$6,969.69
November	62.00%	\$152,155.30	65.96%	\$161,873.61	(\$9,718.31)	0.0	38.00%	34.04%	\$83,538.17	\$9,718.31
December	62.00%	\$152,155.30	62.94%	\$154,462.17	(\$2,306.87)	0.0	38.00%	37.06%	\$90,949.61	\$2,306.87
Six Month Total Adj			63.13%		(\$1,914.21)			36.87%		\$1,914.21
Average to date			62.73%					37.27%		
Adjustments to date					(\$3,141.27)					\$3,141.27
Average / Adjustments year end			63.02%		(\$15,166.45)			36.99%		\$15,166.45

Note: figures in larger font are current (2017) data, figures in smaller italicized font are last years (2016) data shown here for comparison purposes. Data in parentheses and in red are negative numbers