

Office of

AUBURN WATER DISTRICT

Office Telephone # 784-6469

The regular monthly meeting of the Trustees of the Auburn Water District will be held at the office of the Auburn Water District, 268 Court Street, on Wednesday, August 22, 2012 at 4:00 P.M.

AGENDA

1. Possibly welcome new Trustees??? Hopefully City Council makes appointments Monday, 8/20/12.
2. Approve Minutes of Regular Meeting of July 18, 2012
3. Monthly Financial Report Update - *Greg Leighton*
4. Ratify Payment of Bills
5. Open session
6. Activity Report - *Sid Hazelton*
7. New Business
 - ◆ Modify capital improvements program. City decided to pave Hotel Road instead of South Main Street.
 - ◆ Discussion of lab results - external corrosion of newer ductile iron pipe.
 - ◆ Prosecution of swimming violations - Police enforcement
 - ◆ Littlefield Bridge, structural assessment is required for our trolley bridge.
8. Old Business
 - ◆ On-going construction projects, update on progress
 - ◆ UV Phase 2 & Chloramines Update
 - ◆ Town of Poland, Update of Progress
9. Adjourn Regular Meeting

July 18, 2012

The regular monthly meeting of the Trustees of the Auburn Water District was held on Wednesday, July 18, 2012 at the office of the Auburn Water District, 268 Court Street, at 4:00PM.

Members present: President, Bruce Rioux and K C. Geiger, Treasurer. Trustees: Robert Cavanagh. Also present: Tizz Crowley, Mayor's Representative and John Storer, Superintendent.

On motion of K.C. Geiger, seconded by Tizz Crowley, it was unanimously voted: **To approve the minutes of the Regular Meeting of June 20, 2012.**

FINANCIAL REPORT UPDATE – Sales are up 3 ½% over 2011. Revenues are slightly off budget due to timing issues. The forecast is that the District will end the year with a projected surplus of \$200,000. A rate increase of 8% will be considered in January 2015.

RATIFY PAYMENT OF BILLS

On motion of Robert Cavanagh, seconded by Tizz Crowley, it was unanimously voted: **To ratify the payment of bills in the amount of \$ 299,499.72 as shown on the printout dated June 16, 2012- July 11, 2012.**

OPEN SESSION – Dan Bilodeau was in attendance.

ACTIVITY REPORT- The June Activity Report was presented by John Storer.

NEW BUSINESS

AUDIT OF 2009 ARRA PROJECTS BY EPA'S OFFICE OF INSPECTOR GENERAL – Eight separate Contracts need to be pulled and be ready for the Audit.

EXTERNAL CORROSION OF NEWER DUCTILE IRON PIPE – The District is waiting for the soil test results. The District will continue to compile data from testing soil samples at future leaks.

PROSECUTION OF SWIMMING VIOLATIONS - There have been three violations. The District has to decide how to proceed with the prosecution of the violations. Superintendent Storer is to meet with Chief Crowell to discuss enforcement of the rule. The District could possibly do a Press Release. The District can also do random Lake Patrols to deter people from swimming in the Lake.

LITTLEFIELD BRIDGE-WATER MAIN RELOCATION - This is the bridge that crosses over the river. MDOT is taking down the bridge. The Water and Sewer Districts have lines on the Trolley Bridge. The District may consider a consultant for advice on the possibility of using hangers to attach the mains to the new bridge.

MEASURING OF THE LAKE – The date was set for Wednesday, August 15th.

USDA GULL HARASSMENT CONTRACT – Superintendent Storer is to mail out the 2011 Report.
The Scope of Work - \$11,000-\$16,000/month during the summer months.

OLD BUSINESS

ON-GOING CONSTRUCTION PROJECTS - Sid Hazelton updated the District's project status.

UV PHASE 2 & CHLORAMINES UPDATE- The District is waiting for the CO2 feed systems and can then start the Chloramine Facility.

TOWN OF POLAND – PROGRESS UPDATE – The Poland radio communication is on the SCADA System.

ADJOURN MEETING -

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

**AUBURN WATER DISTRICT
OPERATING STATEMENT -TRUSTEES' REPORT
SEVEN MONTHS ENDED JULY 31, 2012**

	2012 BUDGET	July YTD	% USED	BALANCE
<u>REVENUES:</u>				
Water Sales	\$2,078,228	\$1,209,820	58.21%	\$868,408
Rent income	55,000	31,530	57.33%	23,470
Interest Income	12,000	12,686	105.72%	(686)
Mdse. & Jobbing	90,000	36,074	40.08%	53,926
Hydrant Rental	556,918	323,535	58.09%	233,383
Private Fire Prot.	272,483	158,058	58.01%	114,425
Misc. Op. Revenue	60,000	25,085	41.81%	34,915
TOTAL	3,124,629	1,796,788	57.50%	1,327,841
<u>EXPENSES:</u>				
Payroll	669,850	376,976	56.28%	292,874
Pump Stations:				
Chemicals	80,000	37,706	47.13%	42,294
Power	158,000	83,206	52.66%	74,794
Other	5,620	(2,828)	-50.32%	8,448
Trans & Dist Maint:				
Maint of Mains	76,680	35,327	46.07%	41,353
Dist System	73,446	38,893	52.95%	34,553
Outside Lab	12,060	7,719	64.01%	4,341
Other	28,584	31,405	109.87%	(2,821)
Administration	431,142	290,103	67.29%	141,039
Vehicles	50,584	38,192	75.50%	12,392
Gull Management	78,000	60,978	78.18%	17,022
Lake Auburn Watershed	180,607	103,829	57.49%	76,778
TOTAL	1,844,573	1,101,507	59.72%	743,066
INTEREST			58.33%	standard
Interest	204,664	119,079	58.18%	85,585
TOTAL EXPENDITURES	2,049,237	1,220,586	59.56%	828,651
SURPLUS FROM OPS	1,075,392	576,202	53.58%	499,190
Bonds - Principal Payments	809,850	110,909	13.70%	698,941
Equipment	109,750	36,759	33.49%	72,991
SURPLUS/(DEFICIT)	155,792	428,534		(272,742)

**Auburn Water District
Accounts Payable Numeric Check Register
July 12 2012 thru August 17,2012**

<u>Check #</u>	<u>Date</u>	<u>Per</u>	<u>Vendor</u>	<u>Inv Date</u>	<u>Inv #</u>	<u>Description</u>	<u>Amount</u>
4413	7/16/2012	7	Joan Jones	7/11/2012	2799	customer refund	10.96
							10.96
4414	7/16/2012	7	Constance Whitmore	7/11/2012	2800	customer refund	11.30
							11.30
4415	7/16/2012	7	David-Sally Soelle	7/11/2012	2801	customer refund	45.00
							45.00
4416	7/16/2012	6	Analytical Services, Inc.	6/28/2012	19449	water test	292.00
4416	7/16/2012	6	Analytical Services, Inc.	6/28/2012	19449	water test	292.00
							584.00
4417	7/16/2012	7	Auburn Marina	7/5/2012	3134	Watersjed	464.19
							464.19
4418	7/16/2012	6	Central Maine Power	6/25/2012	2788	1208 Turner St-Chloramines	93.80
							93.80
4419	7/16/2012	6	Coastal T-Shirts	6/25/2012	6878	t shirts	304.60
4419	7/16/2012	6	Coastal T-Shirts	6/25/2012	6878	t shirts	14.15
4419	7/16/2012	6	Coastal T-Shirts	6/25/2012	6878	t shirts	54.20
							372.95
4420	7/16/2012	6	Constellation NewEnergy	6/27/2012	648391UV#2		15,079.56
							15,079.56
4421	7/16/2012	7	Crystal Spring Water Co.	7/9/2012	114249	distilled water	9.80
4421	7/16/2012	7	Crystal Spring Water Co.	7/9/2012	114249	distilled water	9.80
							19.60
4422	7/16/2012	7	Dig Safe System, Inc.	7/2/2012	46482	July	296.30
4422	7/16/2012	7	Dig Safe System, Inc.	7/2/2012	46482	July	296.30
							592.60
4423	7/16/2012	7	DirigoNet	7/1/2012	1208	email & confer with John	25.00
4423	7/16/2012	7	DirigoNet	7/1/2012	1208	email & confer with John	25.00
4423	7/16/2012	7	DirigoNet	7/1/2012	1208	email & confer with John	170.00
							220.00
4424	7/16/2012	6	FedEx	7/2/2012	938076	June	21.33
4424	7/16/2012	6	FedEx	7/2/2012	938076	June	21.32
							42.65
4425	7/16/2012	7	Gagne & Sons	7/9/2012	201450	Center St break	18.86
4425	7/16/2012	7	Gagne & Sons	7/9/2012	201452	Center St break	86.07
							104.93
4426	7/16/2012	6	Harcros Chemicals, Inc.	6/20/2012	300110	sodium hypo	2,585.73
							2,585.73
4427	7/16/2012	7	J.L. Hayes & Co., Inc.	7/9/2012	664230	Chloramines	7.39
4427	7/16/2012	7	J.L. Hayes & Co., Inc.	7/9/2012	816247	Chloramines	7.39
							14.78
4428	7/16/2012	6	Horizon Solutions, LLC	6/25/2012	387219	Chloramines	52.82
							52.82
4429	7/16/2012	6	IAS	6/27/2012	92081	Chloramines/Goff/	119.56
4429	7/16/2012	6	IAS	6/27/2012	92081	Chloramines/Goff/	358.71

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4429	7/16/2012	6	IAS	6/27/2012	92081	Chloramines/Goff/	119.56
							597.83
4430	7/16/2012	6	Vantagepoint Transfer A	6/30/2012	2796	June	2,106.67
							2,106.67
4431	7/16/2012	6	Vantagepoint Transfer A	6/30/2012	2795	June	2,623.58
							2,623.58
4432	7/16/2012	6	Sunpress	6/30/2012	7215	water quality reports	2,812.11
							2,812.11
4433	7/16/2012	6	Longchamps & Sons, Inc.	6/25/2012	10447	Winter St	75.00
							75.00
4434	7/16/2012	6	Hetl Water Program	7/5/2012	2797	water test	302.50
4434	7/16/2012	6	Hetl Water Program	7/5/2012	2797	water test	302.50
							605.00
4435	7/16/2012	6	W. B. Mason Co., Inc.	6/19/2012	I05802	envelope moistener, reinforcem	4.96
4435	7/16/2012	6	W. B. Mason Co., Inc.	6/19/2012	I05802	envelope moistener, reinforcem	4.96
4435	7/16/2012	6	W. B. Mason Co., Inc.	6/19/2012	I05803	ink cartridges-Sue	12.99
4435	7/16/2012	6	W. B. Mason Co., Inc.	6/19/2012	I05803	ink cartridges-Sue	12.99
							35.90
4436	7/16/2012	6	Laboratory Corporation	6/30/2012	2792	drug test	30.23
4436	7/16/2012	6	Laboratory Corporation	6/30/2012	2792	drug test	30.22
							60.45
4437	7/16/2012	6	Ness Oil Co.	6/29/2012	2798	Winter St	1,666.08
							1,666.08
4438	7/16/2012	7	Petro's	7/11/2012	71912	Watersjed	59.98
4438	7/16/2012	7	Petro's	7/13/2012	70153	grass seed	4.84
							64.82
4439	7/16/2012	6	Power Products	6/25/2012	877122268	Court St	160.00
							160.00
4440	7/16/2012	6	E.J. Prescott, Inc.	6/19/2012	454077	Winter St	1,078.89
4440	7/16/2012	6	E.J. Prescott, Inc.	6/19/2012	454285	Winter St	539.45
4440	7/16/2012	6	E.J. Prescott, Inc.	6/19/2012	454077	Winter	2,275.12
4440	7/16/2012	6	E.J. Prescott, Inc.	7/20/2012	454593	Winter St	300.05
							4,193.51
4441	7/16/2012	7	Reggie's Sales & Service	7/10/2012	163635	belt for cut off saw	18.58
4441	7/16/2012	7	Reggie's Sales & Service	7/10/2012	163635	belt for cut off saw	18.57
							37.15
4442	7/16/2012	6	Staples Credit Plan	6/27/2012	2794	UV#2	77.95
							77.95
4443	7/16/2012	6	T Buck Construction, Inc	7/11/2012	Appl#1	UV#2	54,962.50
							54,962.50
4444	7/16/2012	7	T W Paving, Inc.	7/11/2012	A12-00	water serv, sewer	508.33
4444	7/16/2012	7	T W Paving, Inc.	7/11/2012	A12-00	water serv, sewer	684.00
4444	7/16/2012	7	T W Paving, Inc.	7/11/2012	A12-00	water serv, sewer	955.56
							2,147.89

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4445	7/16/2012	7	TigerDirect	6/27/2012	501326	scada replace computer	918.02
4445	7/16/2012	7	TigerDirect	6/27/2012	501326	scada replace computer	918.01
							1,836.03
4446	7/16/2012	6	UNITIL ME	6/28/2012	2793	268 Court St	94.70
4446	7/16/2012	6	UNITIL ME	6/28/2012	2793	268 Court St	94.70
							189.40
4447	7/16/2012	6	V W R Scientific	6/26/2012	805087	lab supplies	792.96
							792.96
4448	7/16/2012	7	F. W. Webb Co.	6/29/2012	370990	Bleeders	241.04
							241.04
4449	7/16/2012	7	Williams Scotsman, Inc.	7/7/2012	964656	UV#2-storage container	116.63
							116.63
4450	7/20/2012	7	George Buker, Jr.	7/17/2012	2802	Watershed-10 bales of hay	20.00
							20.00
4451	7/20/2012	7	DirigoNet	6/17/2012	1200	UV#2	892.50
4451	7/20/2012	7	DirigoNet	7/16/2012	1214	Water/UV#2/Chloramines	510.00
4451	7/20/2012	7	DirigoNet	7/16/2012	1214	Water/UV#2/Chloramines	85.00
4451	7/20/2012	7	DirigoNet	7/16/2012	1214	Water/UV#2/Chloramines	340.00
							1,827.50
4452	7/20/2012	7	Environmental Resource	7/9/2012	657326	lab supplies	753.05
							753.05
4453	7/20/2012	7	Fortier's Security Center	6/29/2012	189691	Ipswich	109.59
							109.59
4454	7/20/2012	6	Harcros Chemicals, Inc.	6/27/2012	300110	hypo-shop	269.60
							269.60
4455	7/20/2012	7	Rod Hill	7/17/2012	1225	Ipswich	28.00
							28.00
4456	7/20/2012	7	IAS	7/3/2012	92239	Goff Hill	1,664.08
4456	7/20/2012	7	IAS	7/3/2012	92239	Goff Hill	1,664.08
							3,328.16
4457	7/20/2012	7	Kennebec Equip. Rental	7/10/2012	193629	Center St	15.00
							15.00
4458	7/20/2012	6	Bisson Enterprises, Inc. I	6/30/2012	11429	June	282.50
4458	7/20/2012	6	Bisson Enterprises, Inc. I	6/30/2012	11429	June	282.50
							565.00
4459	7/20/2012	7	Lapointe's Lawn & Garde	6/6/2012	57341	lawn mower parts	27.84
4459	7/20/2012	7	Lapointe's Lawn & Garde	6/6/2012	57341	lawn mower parts	27.83
							55.67
4460	7/20/2012	7	Maine Oxy-Acetylene Co	6/30/2012	701883	speciality gas	3.80
4460	7/20/2012	7	Maine Oxy-Acetylene Co	6/30/2012	701883	speciality gas	3.79
							7.59
4461	7/20/2012	7	Treasurer, State of Maine	7/1/2012	2791	annual water fee	7,327.85
							7,327.85
4462	7/20/2012	7	Maine Volunteer Lake M	7/12/2012	71212	depth finder donation	97.50

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							97.50
4463	7/20/2012	6	Maine Water Company	6/28/2012	15936	June	1,819.00
4463	7/20/2012	6	Maine Water Company	6/28/2012	15936	June	1,819.00
							3,638.00
4464	7/20/2012	6	Northern Data Systems, I	6/28/2012	000366	June	718.20
4464	7/20/2012	6	Northern Data Systems, I	6/28/2012	000366	June	718.20
							1,436.40
4465	7/20/2012	7	Paul's Clothing & Shoe	7/12/2012	71212	Hill	155.98
4465	7/20/2012	7	Paul's Clothing & Shoe	7/13/2012	71312A	Martin	137.97
							293.95
4466	7/20/2012	7	Pine Tree Waste	7/1/2012	110993	July	54.55
4466	7/20/2012	7	Pine Tree Waste	7/1/2012	110993	July	54.55
							109.10
4467	7/20/2012	8	Pitney Bowes, Inc.	7/3/2012	8253438/1	to 10/31	52.50
4467	7/20/2012	8	Pitney Bowes, Inc.	7/3/2012	8253438/1	to 10/31	52.50
							105.00
4468	7/20/2012	6	E.J. Prescott, Inc.	6/25/2012	454915	meters	99.75
4468	7/20/2012	7	E.J. Prescott, Inc.	6/28/2012	455164	tk#24-locator	1,140.48
							1,240.23
4469	7/20/2012	7	Redlon & Johnson	7/11/2012	929979	hyd meter parts	101.44
4469	7/20/2012	7	Redlon & Johnson	7/12/2012	930886	hyd meter parts	121.36
							222.80
4470	7/20/2012	7	Reggie's Sales & Service	7/18/2012	163989	Weed wacker line&spool	20.97
4470	7/20/2012	7	Reggie's Sales & Service	7/18/2012	163989	Weed wacker line&spool	20.97
							41.94
4471	7/20/2012	7	The Sign Store & Flag Ce	7/13/2012	17834	Watershed	35.80
							35.80
4472	7/20/2012	7	Skelton, Taintor & Abbot	5/7/2012	500052	April	253.50
4472	7/20/2012	7	Skelton, Taintor & Abbot	7/12/2012	501072	June	171.00
							424.50
4473	7/20/2012	7	Stratham Tire Inc.	7/16/2012	603568	tk#24 tires	527.24
							527.24
4474	7/20/2012	7	T Buck Construction, Inc	7/19/2012	App#12	May-Chloramines	8,182.00
4474	7/20/2012	7	T Buck Construction, Inc	7/19/2012	Appl#1	June-Chloramines	38,865.82
							47,047.82
4475	7/20/2012	6	V W R Scientific	6/27/2012	805087	lab supplies	93.76
4475	7/20/2012	6	V W R Scientific	6/27/2012	805087	lab supplies	93.75
							187.51
4476	7/20/2012	8	Wells Fargo Financial Le	7/5/2012	675557	August	107.10
4476	7/20/2012	8	Wells Fargo Financial Le	7/5/2012	675557	August	107.10
							214.20
4477	7/20/2012	7	Wright-Pierce	4/20/2012	82854	Chloramines Fac	108.73
							108.73
4478	7/27/2012	7	Auburn Middle School	7/24/2012	2804	customer refund	2,153.39

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							2,153.39
4479	7/27/2012	7	Androscoggin Registry O	7/26/2012	2806	place liens	48.00
							48.00
4480	7/27/2012	7	Auburn Concrete	7/10/2012	84109	Center St	798.75
							798.75
4481	7/27/2012	7	City of Auburn	6/30/2012	108575	June gas billing	145.22
4481	7/27/2012	7	City of Auburn	6/30/2012	108575	June gas billing	48.51
4481	7/27/2012	7	City of Auburn	6/30/2012	108575	June gas billing	217.20
4481	7/27/2012	7	City of Auburn	6/30/2012	108575	June gas billing	113.96
4481	7/27/2012	7	City of Auburn	6/30/2012	108575	June gas billing	80.75
4481	7/27/2012	7	City of Auburn	6/30/2012	108575	June gas billing	282.44
4481	7/27/2012	7	City of Auburn	6/30/2012	108575	June gas billing	812.25
4481	7/27/2012	7	City of Auburn	6/30/2012	108575	June gas billing	125.51
4481	7/27/2012	7	City of Auburn	6/30/2012	108575	June gas billing	147.17
4481	7/27/2012	7	City of Auburn	6/30/2012	108575	June gas billing	66.95
4481	7/27/2012	7	City of Auburn	6/30/2012	108575	June gas billing	76.85
4481	7/27/2012	7	City of Auburn	6/30/2012	108575	June gas billing	473.85
4481	7/27/2012	7	City of Auburn	6/30/2012	108575	June gas billing	264.29
4481	7/27/2012	7	City of Auburn	6/30/2012	108575	June gas billing	116.24
4481	7/27/2012	7	City of Auburn	6/30/2012	108575	June gas billing	184.68
							3,155.87
4483	7/27/2012	7	City of Auburn	6/28/2012	108524	street permits	700.00
4483	7/27/2012	7	City of Auburn	6/28/2012	108524	street permits	497.50
							1,197.50
4484	7/27/2012	7	Constellation NewEnergy	7/6/2012	658743	268 Court St	1,123.27
							1,123.27
4485	7/27/2012	7	Gilman Electrical Dist.	7/17/2012	740049	Ipswich	55.99
4485	7/27/2012	7	Gilman Electrical Dist.	6/26/2012	738278	Chloramines	139.55
4485	7/27/2012	7	Gilman Electrical Dist.	7/5/2012	69201	return-Chloramines	-99.76
4485	7/27/2012	7	Gilman Electrical Dist.	7/12/2012	739685	Ipswich	101.91
							197.69
4486	7/27/2012	7	Harcros Chemicals, Inc.	7/3/2012	300110	sodium hypo	2,537.38
							2,537.38
4487	7/27/2012	7	Labconco Corp	7/18/2012	495865	dishwasher materials	709.16
							709.16
4488	7/27/2012	7	Longchamps & Sons, Inc.	7/2/2012	10466	gravel for stock	300.00
4488	7/27/2012	7	Longchamps & Sons, Inc.	7/2/2012	10466	gravel for stock	300.00
							600.00
4489	7/27/2012	8	Maine Municipal Emp.HI	7/11/2012	2803	August	14,399.82
4489	7/27/2012	8	Maine Municipal Emp.HI	7/11/2012	2803	August	16.10
4489	7/27/2012	8	Maine Municipal Emp.HI	7/11/2012	2803	August	588.69
4489	7/27/2012	8	Maine Municipal Emp.HI	7/11/2012	2803	August	536.23
4489	7/27/2012	8	Maine Municipal Emp.HI	7/11/2012	2803	August	2,656.43
							18,197.27
4490	7/27/2012	7	Maine Municipal Associa	7/1/2012	14642	Property & casualty	16,560.50

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July 12 2012 thru August 17,2012**

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							16,560.50
4491	7/27/2012	7	Maine Oxy-Acetylene Co	7/9/2012	307337	Ammonia	456.85
							456.85
4492	7/27/2012	7	Petro's	6/7/2012	68481	Watershed	170.91
4492	7/27/2012	7	Petro's	6/28/2012	71780	tk#26 bungee cords/bug spray	32.92
							203.83
4493	7/27/2012	7	E.J. Prescott, Inc.	7/2/2012	455332	vas usage	707.01
4493	7/27/2012	7	E.J. Prescott, Inc.	7/2/2012	455332	vas usage	353.48
4493	7/27/2012	7	E.J. Prescott, Inc.	7/2/2012	455332	vas usage	1,131.84
4493	7/27/2012	7	E.J. Prescott, Inc.	7/2/2012	455332	vas usage	71.83
4493	7/27/2012	7	E.J. Prescott, Inc.	7/2/2012	455332	vas usage	331.19
4493	7/27/2012	7	E.J. Prescott, Inc.	6/22/2012	454877	meters	461.40
4493	7/27/2012	7	E.J. Prescott, Inc.	6/22/2012	453289	meters	472.73
4493	7/27/2012	7	E.J. Prescott, Inc.	6/11/2012	454280	meters	10,396.80
4493	7/27/2012	7	E.J. Prescott, Inc.	6/4/2012	454054	meters	1,017.00
							14,943.28
4494	7/27/2012	7	Randy's Auto Parts	7/23/2012	144085#20	alternator	35.00
							35.00
4495	7/27/2012	7	Redlon & Johnson	7/18/2012	164001	pull cord-saw#24	3.00
4495	7/31/2012	7	Redlon & Johnson	7/18/2012	164001	void ck#4495	-3.00
							0.00
4496	7/27/2012	8	Thayer Corporation	8/1/2012	695761	contract 8/1 to 10/31	366.44
4496	7/27/2012	8	Thayer Corporation	8/1/2012	695761	contract 8/1 to 10/31	366.43
							732.87
4497	7/27/2012	7	U.S. Cellular	7/16/2012	17994-	July	30.00
4497	7/27/2012	7	U.S. Cellular	7/16/2012	17994-	July	30.00
4497	7/27/2012	7	U.S. Cellular	7/16/2012	17994-	July	179.58
4497	7/27/2012	7	U.S. Cellular	7/16/2012	17994-	July	179.57
							419.15
4498	7/27/2012	7	V W R Scientific	7/12/2012	805101	lab supplies	188.37
							188.37
4499	8/3/2012	7	City of Auburn	7/11/2012	108567	Watershed-traffic control	2,146.00
							2,146.00
4500	8/3/2012	7	Auburn Water District	7/27/2012	2809	petty cash-July	23.36
4500	8/3/2012	7	Auburn Water District	7/27/2012	2809	petty cash-July	61.01
4500	8/3/2012	7	Auburn Water District	7/27/2012	2809	petty cash-July	5.50
4500	8/3/2012	7	Auburn Water District	7/27/2012	2809	petty cash-July	52.66
4500	8/3/2012	7	Auburn Water District	7/27/2012	2809	petty cash-July	140.03
4500	8/3/2012	7	Auburn Water District	7/27/2012	2809	petty cash-July	28.00
4500	8/3/2012	7	Auburn Water District	7/27/2012	2809	petty cash-July	13.27
4500	8/3/2012	7	Auburn Water District	7/27/2012	2809	petty cash-July	75.08
4500	8/3/2012	7	Auburn Water District	7/27/2012	2809	petty cash-July	39.89
							438.80
4501	8/3/2012	8	Bel-Tone Answering Serv	7/25/2012	1607B5	August	31.00
4501	8/3/2012	8	Bel-Tone Answering Serv	7/25/2012	1607B5	August	31.00

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							62.00
4502	8/3/2012	7	Central Maine Power	7/26/2012	2810	Poland Reservoir	103.71
							103.71
4503	8/3/2012	7	DirigoNet	8/1/2012	1223	Chloramines, UV#2, email	212.50
4503	8/3/2012	7	DirigoNet	8/1/2012	1223	Chloramines, UV#2, email	340.00
4503	8/3/2012	7	DirigoNet	8/1/2012	1223	Chloramines, UV#2, email	25.00
4503	8/3/2012	7	DirigoNet	8/1/2012	1223	Chloramines, UV#2, email	25.00
							602.50
4504	8/3/2012	7	Dube's Flowers & Gifts	7/27/2012	055464	Drinkwater	23.50
4504	8/3/2012	7	Dube's Flowers & Gifts	7/27/2012	055464	Drinkwater	23.50
							47.00
4505	8/3/2012	8	John B. Storer	8/1/2012	2813	August	175.00
4505	8/3/2012	8	John B. Storer	8/1/2012	2813	August	175.00
							350.00
4506	8/3/2012	8	Gilman Electrical Dist.	8/2/2012	741702tk#31		12.43
							12.43
4507	8/3/2012	8	Group Dynamic Inc	7/25/2012	2812	August	82.50
							82.50
4508	8/3/2012	7	Hach Company	7/18/2012	785156	lab supplies	3,776.00
							3,776.00
4509	8/3/2012	7	High Tech Fire Protection	7/21/2012	118149250	Center St	175.00
4509	8/3/2012	7	High Tech Fire Protection	7/21/2012	118148250	Center St	105.00
							280.00
4510	8/3/2012	7	Horizon Solutions, LLC	7/12/2012	388121	Chloramines Fac	50.13
							50.13
4511	8/3/2012	7	Kele Inc.	7/16/2012	157126	Ipswich	361.58
							361.58
4512	8/3/2012	8	Lake Auburn Watershed C	8/1/2012	2814	August	11,717.25
							11,717.25
4513	8/3/2012	7	City of Lewiston	7/12/2012	600-398	Rodrigue-June	2,723.58
4513	8/3/2012	7	City of Lewiston	7/12/2012	600-398	UV#2-Rodrigue-June	406.88
4513	8/3/2012	7	City of Lewiston	7/12/2012	600-398	Fluoride-June	1,108.69
4513	8/3/2012	7	City of Lewiston	7/12/2012	600-398	Rodrigue-June	2,048.85
4513	8/3/2012	7	City of Lewiston	7/12/2012	600-398	Rodrigue-June	598.94
4513	8/3/2012	7	City of Lewiston	7/12/2012	600-398	Rodrigue-June	75.81
							6,962.75
4514	8/3/2012	8	Maine Municipal Assoc.	7/15/2012	21140	3dr installment	538.75
							538.75
4515	8/3/2012	7	Maine Water Utilities Ass	7/23/2012	186419	Seminar	175.00
4515	8/3/2012	7	Maine Water Utilities Ass	7/2/2012	186414	Hazelton, Whitlock seminar	50.00
							225.00
4516	8/3/2012	7	W. B. Mason Co., Inc.	7/12/2012	I06162	paper towels-MJ, ink cart,	52.74
4516	8/3/2012	7	W. B. Mason Co., Inc.	7/12/2012	I06162	paper towels-MJ, ink cart,	62.49
4516	8/3/2012	7	W. B. Mason Co., Inc.	7/12/2012	I06162	paper towels-MJ, ink cart,	115.22
4516	8/3/2012	7	W. B. Mason Co., Inc.	7/11/2012	I06134	letter folders, Diane T	6.79

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4516	8/3/2012	7	W. B. Mason Co., Inc.	7/11/2012	I06134	letter folders, Diane T	6.79
4516	8/3/2012	7	W. B. Mason Co., Inc.	7/11/2012	I06134	letter folders, Diane T	32.89
4516	8/3/2012	7	W. B. Mason Co., Inc.	7/12/2012	I06162	paper towels-MJ, ink cart,	41.98
							318.90
4517	8/3/2012	7	Napa Auto Parts	7/31/2012	2815	July	74.94
4517	8/3/2012	7	Napa Auto Parts	7/31/2012	2815	July	9.65
4517	8/3/2012	7	Napa Auto Parts	7/31/2012	2815	July	9.64
4517	8/3/2012	7	Napa Auto Parts	7/31/2012	2815	July	2.69
4517	8/3/2012	7	Napa Auto Parts	7/31/2012	2815	July	2.69
4517	8/3/2012	7	Napa Auto Parts	7/31/2012	2815	July	117.22
							216.83
4518	8/3/2012	7	Northeast Pump & Instru	7/27/2012	008820	LAB SUPPLIES	53.86
							53.86
4519	8/3/2012	7	Paul's Clothing & Shoe	7/24/2012	72412	Whitlock	175.94
							175.94
4520	8/3/2012	7	Petro's	7/31/2012	71953	Bleeders	67.98
							67.98
4521	8/3/2012	7	E.J. Prescott, Inc.	7/6/2012	454228	tap machine repair	880.00
							880.00
4522	8/3/2012	7	T W Paving, Inc.	8/1/2012	A12-00	July	2,759.18
							2,759.18
4523	8/17/2012	8	Tami Burhoe	8/10/2012	2822	customer refund	6.52
							6.52
4524	8/17/2012	8	Charles Burns	8/10/2012	2821	customer refund	200.46
							200.46
4525	8/17/2012	8	Analytical Services, Inc.	8/7/2012	19627	water testing-July	584.00
							584.00
4526	8/17/2012	7	City of Auburn	7/25/2012	108587	Watershed-traffic control	1,479.00
							1,479.00
4527	8/17/2012	7	Central Maine Power	7/24/2012	2807	July-1208 Turner St	93.97
							93.97
4528	8/17/2012	7	Constellation NewEnergy	7/27/2012	679678	UV#2	17,823.47
							17,823.47
4529	8/17/2012	8	Easy Rent-All Corp.	8/1/2012	174342	shop-blades	200.00
4529	8/17/2012	8	Easy Rent-All Corp.	8/1/2012	174341	shop-blades	250.00
							450.00
4530	8/17/2012	8	Dig Safe System, Inc.	8/6/2012	46649	August	296.30
4530	8/17/2012	8	Dig Safe System, Inc.	8/6/2012	46649	August	296.30
							592.60
4531	8/17/2012	7	FedEx	8/6/2012	974-43	July	22.79
4531	8/17/2012	7	FedEx	8/6/2012	974-43	July	22.79
							45.58
4532	8/17/2012	7	Goodman Wiper & Paper	8/2/2012	77540	rags	34.75
4532	8/17/2012	7	Goodman Wiper & Paper	8/2/2012	77540	rags	34.75

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							69.50
4533	8/17/2012	8	Greeley's Garage	8/2/2012	41439	tow #23 to Augusta	450.00
							450.00
4534	8/17/2012	7	Hach Company	7/20/2012	785654	lab supplies	232.33
4534	8/17/2012	7	Hach Company	7/30/2012	787041	lab supplies	407.20
							639.53
4535	8/17/2012	7	Harcros Chemicals, Inc.	7/24/2012	300110	hypo-shop	269.60
4535	8/17/2012	7	Harcros Chemicals, Inc.	7/20/2012	300110	hypo	2,583.53
							2,853.13
4536	8/17/2012	7	Home Depot Credit Servi	7/26/2012	2816	July statement	10.75
4536	8/17/2012	7	Home Depot Credit Servi	7/26/2012	2816	July statement	116.10
4536	8/17/2012	7	Home Depot Credit Servi	7/26/2012	2816	July statement	10.41
4536	8/17/2012	7	Home Depot Credit Servi	7/26/2012	2816	July statement	5.94
4536	8/17/2012	7	Home Depot Credit Servi	7/26/2012	2816	July statement	70.86
4536	8/17/2012	7	Home Depot Credit Servi	7/26/2012	2816	July statement	333.09
4536	8/17/2012	7	Home Depot Credit Servi	7/26/2012	2816	July statement	18.81
4536	8/17/2012	7	Home Depot Credit Servi	7/26/2012	2816	July statement	25.60
4536	8/17/2012	7	Home Depot Credit Servi	7/26/2012	2816	July statement	30.90
4536	8/17/2012	7	Home Depot Credit Servi	7/26/2012	2816	July statement	92.18
							714.64
4537	8/17/2012	7	Vantagepoint Transfer Ag	7/31/2012	2817	July	2,561.74
							2,561.74
4538	8/17/2012	7	Vantagepoint Transfer Ag	7/31/2012	2818	July	3,189.13
							3,189.13
4539	8/17/2012	7	K & K Excavation, Inc.	7/27/2012	11450	Watershed	63.00
							63.00
4540	8/17/2012	8	Kennebec Equip. Rental	8/9/2012	195134	UV#2	207.58
							207.58
4541	8/17/2012	7	City of Lewiston	7/26/2012	600-39	service call	63.00
							63.00
4542	8/17/2012	7	Hetl Water Program	8/3/2012	2820	July	353.00
							353.00
4543	8/17/2012	7	Idexx Distribution, Inc.	7/30/2012	261588	lab supplies	276.37
							276.37
4544	8/17/2012	7	Maine Oxy-Acetylene Co	7/23/2012	307384	ammonia	456.85
							456.85
4545	8/17/2012	7	W. B. Mason Co., Inc.	7/24/2012	I06342	office supplies	37.90
4545	8/17/2012	7	W. B. Mason Co., Inc.	7/24/2012	I06342	office supplies	37.90
4545	8/17/2012	7	W. B. Mason Co., Inc.	7/27/2012	i06427	trash baga, D Tribou	16.27
4545	8/17/2012	7	W. B. Mason Co., Inc.	7/27/2012	i06427	trash baga, D Tribou	16.27
4545	8/17/2012	7	W. B. Mason Co., Inc.	7/27/2012	i06427	trash baga, D Tribou	3.58
4545	8/17/2012	7	W. B. Mason Co., Inc.	7/27/2012	I06427	toilet paper	64.99
4545	8/17/2012	7	W. B. Mason Co., Inc.	7/27/2012	I06427	toilet paper	64.99
							241.90
4546	8/17/2012	8	McMaster-Carr Supply C	8/3/2012	335197	adapter	12.29

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4546	8/17/2012	8	McMaster-Carr Supply C	8/3/2012	335197	adapter	12.29
							24.58
4547	8/17/2012	7	Ness Oil Co.	7/31/2012	2823	July diesel	149.63
4547	8/17/2012	7	Ness Oil Co.	7/31/2012	2823	July diesel	117.97
4547	8/17/2012	7	Ness Oil Co.	7/31/2012	2823	July diesel	556.16
							823.76
4548	8/17/2012	7	Northern Data Systems, I	7/20/2012	000484	July	969.89
4548	8/17/2012	7	Northern Data Systems, I	7/20/2012	000484	July	969.88
							1,939.77
4549	8/17/2012	8	Petro's	8/8/2012	70616	Winter St-calcium	87.96
4549	8/17/2012	8	Petro's	8/8/2012	72000	Watershed	89.99
							177.95
4550	8/17/2012	7	Pine Tree Waste	8/1/2012	112114	July	54.18
4550	8/17/2012	7	Pine Tree Waste	8/1/2012	112114	July	54.17
							108.35
4551	8/17/2012	7	E.J. Prescott, Inc.	7/18/2012	454663	meters	52,492.86
4551	8/17/2012	7	E.J. Prescott, Inc.	7/13/2012	454490	meters	10,396.80
4551	8/17/2012	7	E.J. Prescott, Inc.	7/18/2012	455826	Chloramines	2,676.20
							65,565.86
4552	8/17/2012	8	EIC., Inc. (prompto)	8/7/2012	593116	tk#26	25.75
4552	8/17/2012	8	EIC., Inc. (prompto)	8/15/2012	593698	tk#29 oil change	23.25
							49.00
4553	8/17/2012	7	Rent-It Of Maine, Inc.	7/20/2012	32044	Watershed-Dam	200.00
4553	8/17/2012	7	Rent-It Of Maine, Inc.	7/18/2012	2805	Watershed-Lunn	228.65
4553	8/17/2012	7	Rent-It Of Maine, Inc.	7/18/2012	31959	Watershed-Lunn	1,949.00
							2,377.65
4554	8/17/2012	7	Staples Credit Plan	7/27/2012	2824	UV#2 & Sewer dept	119.98
4554	8/17/2012	7	Staples Credit Plan	7/27/2012	2824	UV#2 & Sewer dept	59.99
							179.97
4555	8/17/2012	8	T W Paving, Inc.	8/13/2012	A12-00	paving	474.44
4555	8/17/2012	8	T W Paving, Inc.	8/13/2012	A12-00	paving	503.34
4555	8/17/2012	8	T W Paving, Inc.	8/8/2012	A12-00	paving	1,102.00
4555	8/17/2012	8	T W Paving, Inc.	8/15/2012	A12-01	paving	926.86
							3,006.64
4556	8/17/2012	8	Unifirst Corp	8/3/2012	194232	UV#2	69.63
							69.63
4557	8/17/2012	7	United Way Of Andr.Cou	8/1/2012	2819	July	242.50
4557	8/17/2012	7	United Way Of Andr.Cou	8/1/2012	2819	July	30.00
							272.50
4558	8/17/2012	7	UNITIL ME	7/30/2012	2811	268 Court St	9.69
4558	8/17/2012	7	UNITIL ME	7/30/2012	2811	268 Court St	9.69
							19.38
4559	8/17/2012	7	V W R Scientific	7/24/2012	805114	lab supplies	781.99
							781.99
4560	8/17/2012	7	Wave-Linx, Inc.	6/29/2012	6.13	Poland Water	3,845.00

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							3,845.00
4561	8/17/2012	8	Williams Scotsman, Inc.	8/3/2012	965186UV#2	storage container-Aug	157.47
							157.47
<u>Grand Total</u>							<u>375,036.79</u>

Net Payroll + taxes

\$ 79,066.43

 \$ 454,103.22

AUBURN WATER DISTRICT
MONTHLY ACTIVITY REPORT
July 2012

MAINS

Location	Ck'd	Comments	Leak Check				Misc.	New
			PT/Cl ₂	Leak	On Owner	OK		
Paul St @ Jordan Av	1	Install bleeder					1	
Third St @ dead end	1	Install bleeder					1	
Oak Hill Rd	1	Install bleeder					1	
Summer St	1	Transfer services to new main					1	
232 Center St	1	Break		1				
Monthly Totals	5		0	1	0	0	4	0
2011 Monthly Totals	3		0	0	0	0	2	1
YTD Totals	19		2	3	0	0	11	3

GATES

Location	Ck'd	Comments	Adjust	Leak	New	Misc.
Summer St	1	Raise gates	1			
Summer St @ Rowe St	1	Repair gate box	1			
Sunderland Dr	1	Repair gate boxes	1			
Dennison St	1	Lower gate box	1			
Park Av	1	Clean/Vacuum/Raise gates	1			
Rowe St	1	Raise gates	1			
Perryville	1	Raise and lower gates	1			
Monthly Totals	7		7	0	0	0
2011 Monthly Totals	6		1	0	5	0
YTD Totals	13		10	0	0	3

HYDRANTS

Location	Ck'd	Comments	Broken	Cap	Misc.	New	Frozen
Carroll Av	1	Reset hydrant cap		1			
Monthly Totals	1		0	1	0	0	0
2011 Monthly Totals	3		0	0	2	1	0
YTD Totals	7		3	1	3	0	0

NEW SERVICES

Location	No.	Comments	No Meter	Meter	Meter Size
Turner St - Panera Bread	1	Chlorinate 4" & pressure test	1		
24 Horizon Dr	1			1	5/8
Monthly Totals	2		1	1	
2011 Monthly Totals	1		0	1	
YTD Totals	4		2	2	

SERVICES

Location	No.	Comments	Leak Check			Frozen	Box	Misc.
			OK	Leak	On Owner			
200 Bradman St	1	Repair service box					1	
54 Bradman st	1	Repair service box					1	
54 Western Av	1	Repair service box					1	
39 Paul St	1	Replace curb stop hit by contractor		1				
Surrey Ln	1	Lower 2 service boxes					1	
212 Third St	1	Repair service box					1	
555 Turner St	1	Repair service box					1	
Crest Av	1	Repair service boxes					1	
Dennison St	1	Transfer services to 24"						1
86 Court St	1	Repair service		1				
Winter St	1	Raise service box					1	
Monthly Totals	11		0	2	0	0	2	1
2011 Monthly Totals	17		2	2	1	0	10	2
YTD Totals	50		0	6	2	0	24	18

METERS

Activity	Comments	Test/ Repair	Changed	Misc.	Read Hours	Special Reads	Delinquent	
							Notify	Turn off
Test meters	5/8"							
Test meters	3/4"							
Test meters	1"							
Test meters	1 1/2"							
Test meters	2"							
Repair T.T.R.'s.								
Meters In/out	93							
Dead			0					
Frozen			0					
Terminate Service			5					
Activate Service			9					
Summer In			0					
Winter Out			0					
Temporary Meter				0				
Turn off & on for repairs				2				
Reading Meters					0			
Final Reads	Ownership Transfer					19		
Recheck Readings	High or low reading.					2		
Red Tags	Notify for non-payment.						69	
Turn off for non-payment								5
Monthly Totals		0	14	2	0	21	69	5
2011 Monthly Totals		0	11	6	59.5	25	0	2
YTD Totals		0	130	53	192.3	149	184	18

LABORATORY

Month	Dist. Sys. Tests	Temp (°C)		Avg. NaOH gal/MG	Avg. Cl mg/l	Avg. FI mg/l	Avg. Turb. (ntu)	SWTR Tests
		Air	Water					
January	42	-4.3	2.8	3.57	2.79	0.84	0.54	31
February	42	-2.2	3.3	3.37	2.73	0.87	0.35	29
March	43	3.7	4.4	5.04	2.73	0.74	0.46	31
April	46	7.2	8.1	2.51	2.60	0.82	0.74	30
May	49	13.9	14.1	1.19	2.56	0.79	0.79	31
June	50	17.4	20.1	1.85	2.53	0.74	0.75	30
July	56	22.3	25.5	0.15	2.58	0.70	0.65	31
August								
September								
October								
November								
December								
YTD Avg				2.53	2.65	0.79	0.61	
2011 Avg				3.30	2.75	0.77	0.77	
YTD Totals	328							213

LAKE AUBURN

Month	No. Patrols	Withdrawals *			Elevations **					
		AWD	LWD	Total	1st	High	Yr.	Low	Yr.	2011
January	daily	2.41	4.06	6.07	260.81	261.4	1974	257.20	2002	261.31
February	daily	2.31	4.02	6.33	-----	261.7	1996	257.10	2002	260.99
March	daily	2.36	4.05	6.31	260.64	261.4	2010	257.40	2002	260.93
April	daily	2.38	3.97	6.35	261.09	262.4	1953	258.20	2002	260.89
May	daily	2.36	4.23	6.59	261.51	261.5	2012	258.78	2007	260.83
June	daily	2.61	4.28	6.89	261.20	261.8	2012	259.49	1984	261.38
July	daily	2.92	5.24	8.16	260.88	261.6	1973	258.75	1960	261.00
August										
September										
October										
November										
December										
Avg. Daily	daily	2.48	4.26	6.67						
YTD Totals	0	17.35	29.85	46.7						

* Average Daily Withdrawals MGD ** Elevation Above Sea Level

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	14.7	1.91	1308	3.26	9	51	-11	23	3.5
February	5.5	1.03	975	2.55	7	48	0	28	5.1
March	0.0	1.08	783	3.64	6	82	12	40	7.5
April	0.0	4.31	593	3.78	7	82	21	45	1.3
May	0.0	5.21	286	3.90	11	82	33	56	0.6
June	0.0	11.73	148	3.58	11	93	44	62	-2.4
July	0.0	1.95	3	3.43	13	86	48	70	-0.1
August									
September									
October									
November									
December									
YTD Totals	20.20	27.22							

* From www.wunderground.com

DIG SAFE

Month	Total	Contractors	MDOT	AHD	School Dept.	Lewiston Water	Fairpoint	AWD	CMP	ASD	GAS	MTA
January	34	19	0	3	0	0	1	6	4	0	1	0
February	32	13	0	8	0	0	3	2	5	1	0	0
March	91	36	6	31	0	0	0	4	4	2	8	0
April	119	71	0	18	0	0	1	6	8	2	12	1
May	142	74	2	27	0	0	2	12	17	1	7	0
June	138	70	9	26	0	0	0	8	5	1	16	3
July	153	74	1	44	0	0	0	7	5	1	21	0
August												
September												
October												
November												
December												
YTD Totals	709	357	18	157	0	0	7	45	48	8	65	4
2011 Totals	624	332	10	151	1	3	3	37	35	2	47	3

DUTY FOREMAN CALLS

(Overtime)

Districts	Total	High/Low Pressure	Water Quality	Alarms	Sewer Service	Leak	Misc.	Locates	Hydrants	Meter	Fire Calls
Sewerage District	4			2	2	0	0	0	0	0	0
Water District	8	0	1	3		0	4	0	0	0	0
Monthly Totals	12	0	1	5	2	0	4	0	0		0
2011 Monthly Totals	26	2	0	0	5	3	4	4	2	5	1
YTD Totals	117	7	4	5	17	22	22	11	4	22	3

OTHER ACTIVITIES

1. Move radio on Ipswich tower
2. Lead/Copper sampling
3. Paint Hydrants
4. Lunn Rd - remove old culverts / erosion control
5. UV training
6. North Auburn Dam - repair washout
7. Drain Hardscrabble Reservoir

Memo to: Auburn Water District Trustees
From: Sid Hazelton, P.E.
District Engineer

8/17/12

The 2012 Equipment & Capital Improvement Budget included \$171,000 to replace 2,495 feet of ductile iron water main on South Main Street prior to road reconstruction by the City of Auburn. At this time, the reconstruction has been delayed, and they are not anticipating the work being done this season as originally planned; it may be delayed to the Spring of 2013.

The City recently informed the District that they are planning to reconstruct several other roads throughout the City this construction season, including Hotel Road from Manley Road to Minot Avenue, and Manley Road from Minot Avenue to Rodman Road. There is an 8" un-lined cast iron water main in Hotel Road that should be replaced prior to road reconstruction. In Manley Road, there is an 8" water main that should be abandoned, and water services transferred to an adjacent 20" water main.

At this time, we recommend using the capital budget that had been reserved for South Main Street, and using it for improvements on Hotel Road and Manley Road.

A handwritten signature in cursive script that reads "Sid Hazelton P.E." The signature is written in black ink and is positioned in the lower right quadrant of the page.



August 6, 2012

Auburn Water District
268 Court Street PO Box 414
Auburn, ME 04214

Attention: Sid Hazelton, District Engineer
207.784.6469 | shazelton@ausd.org

Subject: DDM Soil Corrosivity Analysis, 12-inch DIP – Auburn, ME
Corrpro Project No. 340380053

Dear Mr. Hazelton:

Tabulated below are laboratory corrosivity test results for the soil sample provided. The data for this soil sample indicates a soil environment that is severely corrosive to ductile iron pipe provided the soil collected is an accurate representation of the soil that would be in contact with the pipe in that area.

Sample No.	Soil Resistivity (ohm-cm)	Moisture Content (%)	pH	Chlorides (ppm)	Sulfides (ppm)	Redox (mv)	(DDM™) Likelihood Pt. Count	Soil Corrosivity Classification
1	250	23.0	3.6	950	0	200	43	Severely Corrosive

Included in the analysis table is the Corrpro Design Decision Model (DDM™) Likelihood point count. The DDM™ (Figure attached) is a risk-based design engineering tool for ductile iron pipelines that considers the likelihood of corrosion as well as the consequences of a corrosion failure. Generally speaking, a higher point count indicates a greater corrosivity.

We appreciate the opportunity to assist in this project. Should you have any questions or need additional input on this matter please contact me at (713)460-6000, mlmiller@corrpro.com or Dan Crabtree (205)978-1788, dcrabtree@corrpro.com.

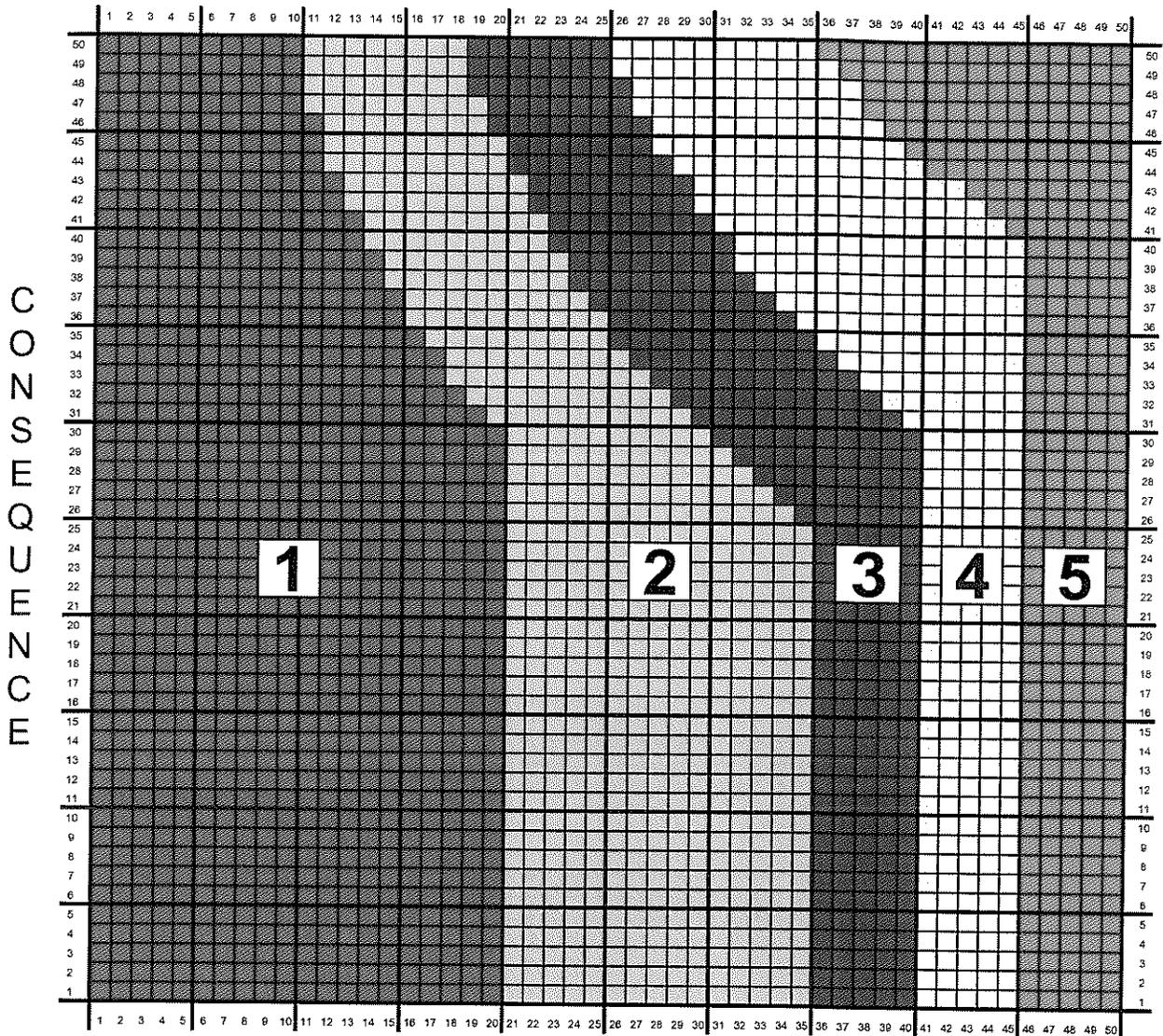
Respectfully submitted,
CORRPRO COMPANIES, INC.

Marlane Miller, Engineer
NACE Certified Cathodic Protection Technician

CORRPRO COMPANIES, INC.

7000 B Hollister • Houston, TX 77040 • (713)460-6000 • www.corrpro.com

FIGURE 1 - Design Decision Model™ (DDM™) For Ductile Iron Pipelines



- 1** As manufactured with standard asphalt coating
- 2** Encasement
- 3** Encasement or Encasement and joint bonding
- 4** Encasement and joint bonding or Life extension cathodic protection with or without encasement
- 5** Cathodic protection



Auburn Police Department



Phillip L. Crowell
Chief of Police

Jason D. Moen
Deputy Chief

Rita P. Beaudry
Office Manager

Memorandum

To: All Sworn Staff
From: Sergeant Steven Gosselin
Date: August 3, 2012
Re: Lake Auburn Watershed Details

As most of you know by now, we have been conducting, for the last two months or so, Lake Auburn Watershed Details on behalf of the City of Auburn Water Department. It was initially decided that the City's attorney would handle all enforcement actions pertaining to anyone found in violation of having bodily contact with water surrounding the actual designated watershed areas.

Effectively immediately, we the Auburn Police Department will take any and all enforcement actions for violations observed. Officers will still use discretion in deciding which course of action to take, i.e. written warning, summons to court, etc....

If a violation is observed, please have Dispatch initiate a Call # just as you would any other police encounter, i.e. field interview, etc.... Any and all suspects should be issued, at the very least, a written Criminal Trespass warning. If an individual is charged, please issue a civil summons via a USAC and cite City Ordinance 18-1 (Prohibited Activities in Lake Auburn Watershed Area). See below.

<http://library.municode.com/index.aspx?clientId=14812&stateId=19&stateName=Maine>

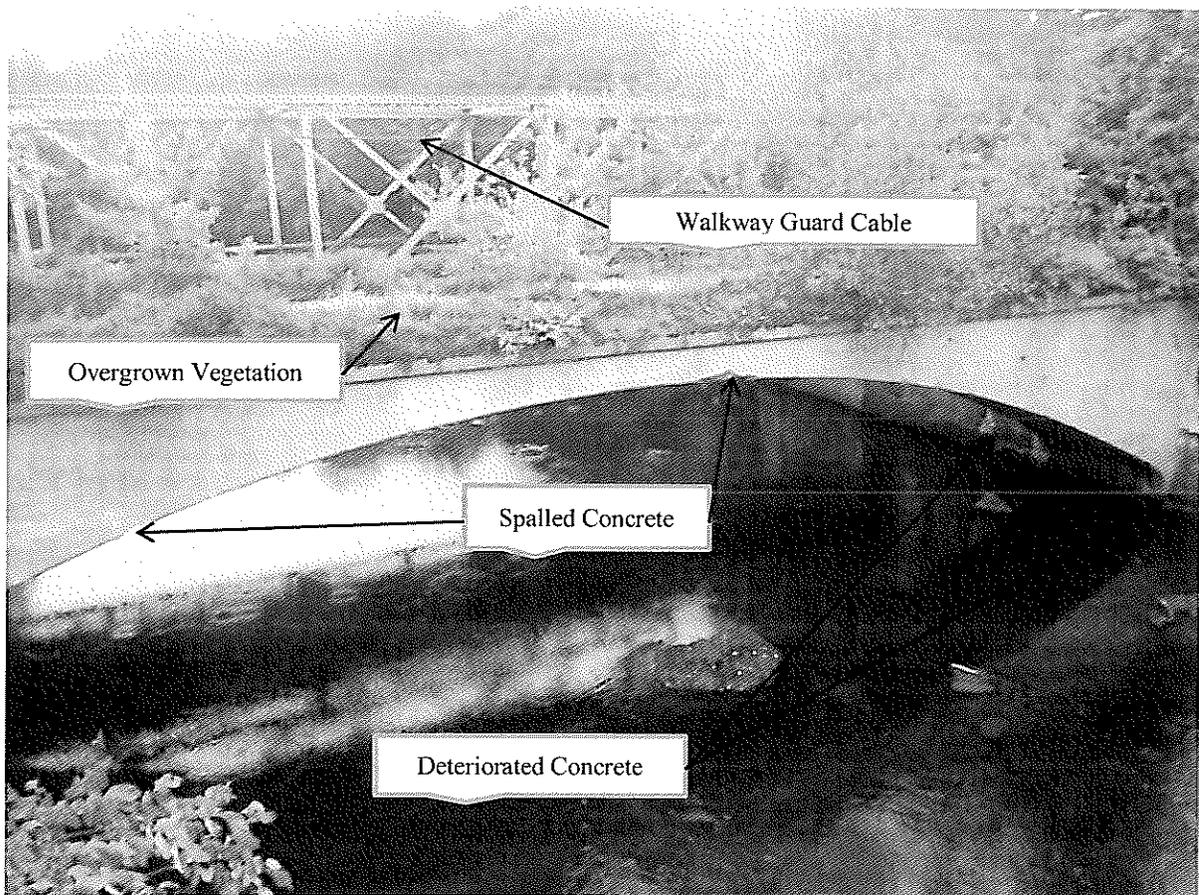
Sec. 18-1. - Prohibited Activities in Lake Auburn Watershed Area.

No person shall swim, bathe or engage in other recreational activities in the Lake Auburn watershed area within the boundaries of the city which involve a reasonable likelihood that he will become totally or partially immersed in the lake or in any stream emptying into the lake, nor shall any person wash or clean any clothing or animal in the lake, or deposit any filth, waste or rubbish in or near the lake.

Memo: Preliminary Assessment of Littlefield Corner Interurban Bridge
August 17, 2012
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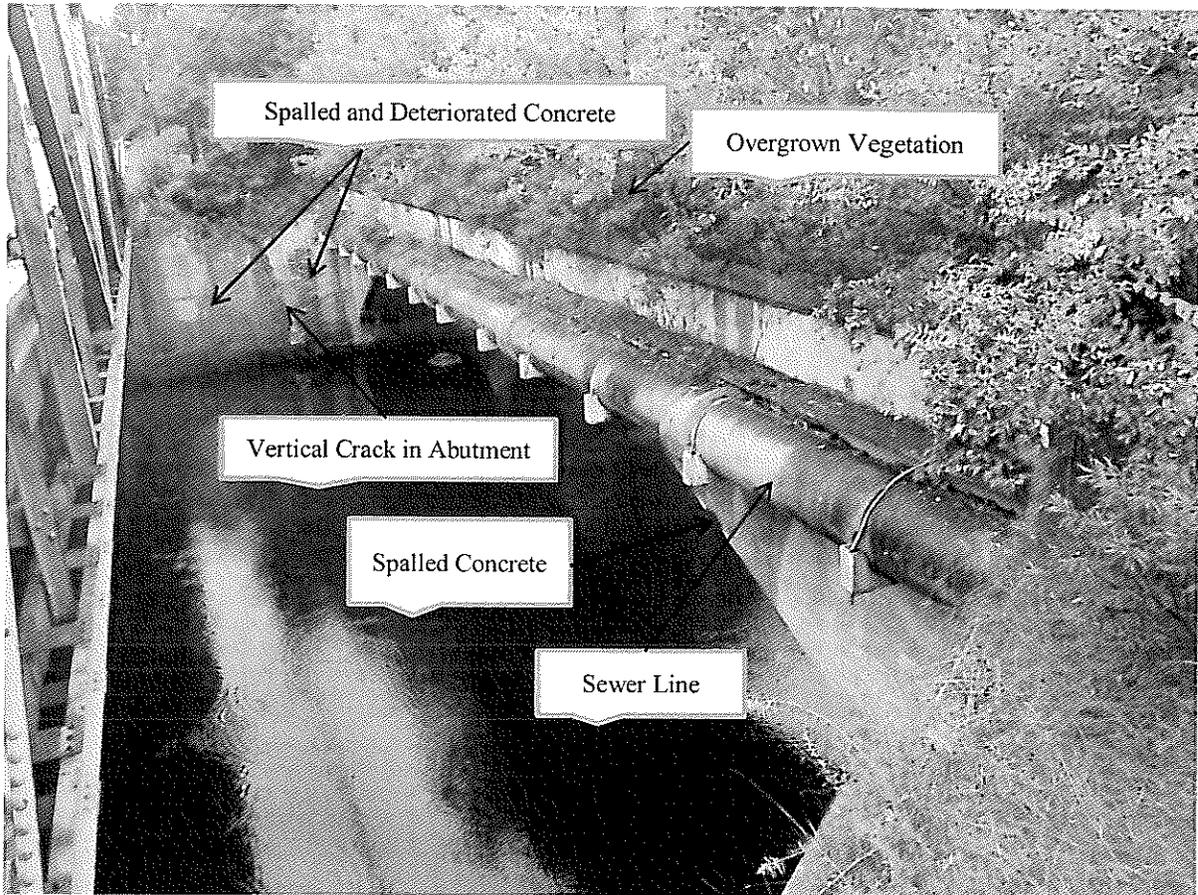
MDOT is currently designing a new bridge to replace the adjacent bridge. The District was recently made aware that they own the concrete arch bridge by MDOT. The district would like to assess the current condition of the concrete bridge and determine if it is feasible to rehabilitate.

As a first step, I observed the concrete bridge on August 16, 2012 with Sid Hazelton. Observations were limited due to the vegetation growth on top and the water flow beneath. The downstream face was observed from the railroad through-truss bridge.



Downstream Face Observations

The upstream face was observed from the stated owned steel bridge.



Upstream Face Observations

The surface of the bridge has been covered with soil and has overgrown with vegetation, brushes and small trees. This has turned into pedestrian walkway since the adjacent bridge does not have a pedestrian walkway.



North View



South View

The existing concrete bridge is approximately 98 years old and was designed original to support interurban trolleys. The bridge currently supports three (3) pipes and pedestrian traffic. An insulated 18 inch sewer line is attached to the upstream face of the bridge. A 12 inch water line and 8 inch gas line are run on top of the bridge buried within 2 to 4 feet of soil covering the pipes. The current fall protection along the walkway path consists of steel posts and steel cables which is not adequate and not in compliance with OSHA. Allowing access to this path is a potential liability hazard for the District.

Proceeding forward, the District has 3 potential options.

Option 1 – Relocate utilities on new Bridge

It is our understanding that the new upstream bridge is to be located in the same spot but raised approximately three (3) feet. The downstream concrete arch bridge causes some hydraulic restrictions in the river which has some effect on why the new bridge is raised. Further discussion with MDOT, regarding lowering the bridge and allowing the existing gravity sewer, gas and water lines to be relocated onto the new bridge should be pursued. This may be possible if MDOT knows that the concrete arch bridge could be removed. This would also make construction easier for MDOT as they would not have to be concerned about protecting the concrete arch bridge.

Memo: Preliminary Assessment of Littlefield Corner Interurban Bridge
August 17, 2012
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Option 2 – Determine Structural Condition of Concrete Arch Bridge

At a minimum, a structural assessment of the concrete bridge will include having concrete cores taken from the top of the arch as well as the abutment. Visual observations will be made of the exposed top surface, underside surfaces and abutments. All surfaces will be sounded (hit with hammers) to determine any softness or hollow spots. This will require that the District remove the vegetation and excavate to the top of concrete in several locations in order to have cores taken and to observe the condition of the concrete. The District will need to provide boats/staging in the river to provide access to the underside of the arch and abutments for observations and soundings.

Further investigations could include destructive testing of the concrete arch and abutments which would involve chipping and removing the concrete to expose the reinforcing steel to determine size, spacing and condition. This will be required if record drawings of the bridge cannot be found and to make a definitive statement regarding structural capacity of the bridge.

Option 3 – New Pedestrian/Utility Pre-Engineering Bridge

Remove the existing concrete arch bridge and temporarily support utilities and install a new pre-engineered steel or timber bridge and utilities. This could be designed to support pedestrian traffic as well as the utilities.

Option 1 appears to have the lowest cost and impact to the District. Option 2 will potential provide information regarding the structural condition and capacity of the arch bridge. If the structure is found to be capable of supporting the loads, the 98 year old structure will need constant maintenance and repair. Option 3 provides a new structure to support the utilities however; there is a significant cost as well as future maintenance.

As you move forward, we can develop specific engineering costs to assist you. For budgetary purposes, Option 2 engineering costs would range from \$7,000 to \$20,000 depending upon the level of effort.

Memo: Preliminary Assessment of Littlefield Corner Interurban Bridge
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