

Board of Public Utilities

Regular Meeting Agenda

Monday, April 28, 2014
4:00 p.m., DPW Conference Room
1199 8th Avenue



City of South Haven

1. Call to Order
2. Roll Call
3. Approval of Agenda
4. Approval of Minutes – March 31, 2014
5. Interested Citizens in the Audience Will be Heard on Items Not on the Agenda

REPORTS

6. Cost of Energy from Indiana-Michigan Power Company (AEP)
 - A. 2014 Billings – All Charges
 - B. 2013 Billings – All Charges
7. Financial Reports
 - A. Electric Fund – Financial Report for period ending March 31, 2014
 - B. Electric Fund – Review of Percentage Billed
 - C. Water Fund – Financial Report for period ending March 31, 2014
 - D. Water Fund – Review of Percentage Billed
 - E. Sewer Fund – Financial Report for period ending March 31, 2014
8. Bond Reports
 - A. Fund 370 – 2011 Building Authority General Obligation Limited Tax Refunding Bonds
 - B. Fund 371 – 2012 General Obligation Limited Tax Refunding Bonds
 - C. Fund 591 – 2001 Water Supply System Revenue Bonds
 - D. Fund 591 – 2008/2009 Water Filtration Plant Capital Improvement Bonds
 - E. Fund 591 – Amortization of Bond Discounts and Insurance Costs, Water Filtration Plant
9. Quarterly Outage Report
10. Unresolved Issues Report

NEW BUSINESS

11. Board will be requested to consider a request from Mr. Jack Shapiro for a water and sewer credit at 09704 76th Street, South Haven Township.
12. Board will be requested to review Public Act 95 of 2013 and make a recommendation to City Council.
13. Board will be requested to review Bid Number 2014-08: Application of Biosolids to Farmland and make a recommendation of award to City Council.
14. Board will review draft budgets for the Electric, Water, and Sewer funds for the 2014-2015 fiscal year.
15. Acting Public Works Director Comments
 - A. Next Meeting is scheduled for May 19, 2014 due to the Memorial Day Holiday. City Council is also scheduled to meet at 7:00 pm on that day.
 - B. Update on Roger Huff.

16. Board Member Comments

17. Adjourn

RESPECTFULLY SUBMITTED,



Larry Halberstadt, PE
Acting Public Works Director

South Haven DPW Building is Barrier-free and the City of South Haven will provide the necessary reasonable auxiliary aids and services for persons with disabilities, such as signers for the hearing impaired and audio tapes of printed materials being considered at the meeting to individuals with disabilities at the meeting upon seven (7) days notice to the South Haven City Clerk. Individuals with disabilities requiring services should contact the City Clerk by writing or calling South Haven City Hall at (269) 637-0750.

Board of Public Utilities

Regular Meeting Minutes

Monday, March 31, 2014

4:00 p.m., DPW Conference Room, 1199 8th Avenue



City of South Haven

1. Call to Order by Burr at 4:00 p.m.

2. Roll Call

Present: Henry, Roberts, Rose (ex-officio), Winkel, Burr

Absent: Overhiser (ex-officio), Stein (ex-officio), Stickland

Motion by Henry to excuse Stickland. Second by Roberts.

All in favor. Motion carried.

Also present: Wendy Hochstedler, Finance Director; Larry Halberstadt, City Engineer; Bill Conklin, Electric Engineer; Michael P. McGeehan, GRP Engineering

3. Approval of Agenda

Motion by Winkel, second by Henry to approve the agenda as presented.

All in favor. Motion carried.

4. Acceptance of Minutes for the Record – February 21, 2014 Special Meeting

Motion by Henry, second by Winkel to accept the February 21, 2014 Special Meeting Minutes for the record with corrections by Chairman Stickland via email:

Page 5, Item #14, as follows: Stickland stated that staff should tell the customer to run their water and the utility billing department will issue the customer a credit based on half of the water consumption of the ~~previous~~ current year. Stickland suggested doing this on a case-by-case basis ~~as a staff procedure at the discretion of water staff.~~

All in favor. Motion carried.

5. Interested Citizens in the Audience Will be Heard on Items Not on the Agenda

Margaret and John Kelson-Johnson, 56226 Red Arrow Highway, Lawrence re: their property at 78910 CR 376, Coloma (Covert Township). M. Kelson-Johnson stated the water for their Covert Township property was turned off in 2011 but they continuously get a bill. Wondered why they are being billed for what they are not using. Called and was told to remove the meter and bring it in; did that and then were told by someone at the desk that they could

have been charged with meter tampering. Stated they bought the house, gutted it and there is no plumbing in the house, yet their bill since the water was shut off is over \$1,000. Explained their economic difficulties.

Mayor Burr explained that the water department can cut the service at your end but there will be a \$5,400.00 charge if you ever want to reconnect. There was discussion regarding whether cutting off the service would require reaching the main by cutting into the pavement. Burr noted that what the Kelson-Johnson's are being billed for is availability service.

Discussion ensued about whether the yard would have to be dug up but Burr stated the water crews can dig up the main and cut the water off at the main.

J. Kelson-Johnson asked what the thing is sticking up out of the ground, a pipe with a valve that he almost hit the first time he mowed there; Halberstadt said it is probably a curb stop. J. Kelson-Johnson asked if the valve can just be turned off instead of digging up the yard and the road. Burr said if it can be turned off at the curb stop we will do that. Once service is disconnected a note will be put in the file that the purchasers either have to pay back standby charges or pay the tap fee, whichever is cheaper. Burr also noted that the tamper fee would be waived.

M. Kelson-Johnson asked if they can get help with the current bill. Covert Township Supervisor Rose directed the Kelson-Johnsons to the Community Action Services office at the Lily-of-the-Valley Church, Covert.

REPORTS

6. Cost of Energy from Indiana-Michigan Power Company (AEP)

- A. 2013 Billings – All Charges
- B. 2012 Billings – All Charges

Burr reviewed the Cost of Energy report with the board. For the benefit of the new member, Burr explained that the winter month reports do not have a lot of meaning since many of the charges are estimated.

Burr asked what the credit column represents. 6.5 cents has been the city's standard. The only thing that changed a year ago was the demand charge went up, but the cost per kWh remained the same. Burr noted these are all fuel charges that are charged back to the customers.

Discussion ensued regarding the demand charge, with Burr noting that peaks occur early in the morning and during the summer air conditioning season.

7. Financial Reports

- A. Water Fund CuFt Comparisons
- B. Water Fund Financial Statement
- C. Sewer Fund Financial Statement
- D. Electric Fund KWH Comparisons
- E. Electric Fund Financial Statement

Water Fund. Hochstedler reviewed the financial reports. Huff noted that February is still as high as January was; we are still recording high pumpage. Huff noted that city crews located a leak, but we are still running about ten thousand (10,000) gallons per day. Burr noted that our rolling twelve month averages have always fallen within the industry standard, at around fifteen per cent (15%).

Burr explained the way the debt service is credited twice a year, even though it is budgeted monthly.

Sewer Fund. Huff noted that Stickland questioned via email why the operating costs are higher than usual and over budget. Hochstedler and Burr noted that sales are up more than budgeted and operating expenses are less than budgeted. Hochstedler noted she did not locate anything particular, although more was spent on Kalamazoo Street than what was budgeted and this will have to be adjusted.

Regarding the SSES grant expense, Hochstedler noted we are doing the S-2 grant sanitary sewer study; \$104,000 has been spent and the city expects to get the majority back but it has not been put in for reimbursement yet. Burr noted that we have not spent the capital money that was budgeted.

Electric Fund. Burr said we have one million dollars (\$1M) set aside which we will be spending in the next item. Hochstedler explained that the city is selling more and the cost is less because of the estimating; it will all even up in the end. Burr noted that he looks at the year-to-date (YTD) column rather than the monthly. Hochstedler explained that there are more sales but there are expenses which will offset that.

8. Indian Grove Infrastructure Project

A. No Report

Huff noted that the schedule has been updated; will meet with city hall, then the Department of Environmental Quality (DEQ) in April; advertise the public hearing in late May/early June with submittal before July 1st.

9. Unresolved Issues Report

Nothing new at this time.

10. GRP Engineering – 2013-14 Projects

Burr noted there are two categories of projects; under Item Eleven (11) there are four (4) separate contracts to be awarded.

Michael P. McGeehan, P.E., President, GRP Engineering, Inc. reviewed the four bids GRP went out for:

A. Cable, which is a major portion of that project since it is an underground cable project.

B. Padmount Switchgear, accounts for the other major material on the project.

The two labor portions are broken up into :

C. Conduit Installation.

D. Electrical Cable and Equipment Installation.

NEW BUSINESS

11. Board will be requested to approve award of four Veterans Boulevard Underground Project bids.

After the review by the GRP representative (see Item 10) and discussion

Motion by Henry, second by Winkel to approve all four bids as follows:

- A. Medium Voltage Underground Cable to Power Line Supply in the amount of \$176,700.
- B. Padmount Switchgear to Champion-Charter in the amount of \$48,018.00.
- C. Conduit Installation to Compton, Inc. in the amount of \$117,917.50.
- D. Electrical Cable and Equipment Installation to Kent Power, Inc. in the amount of \$118,215.95.

All in favor. Motion carried.

12. Board will be requested to approve award of the Core City Secondary Upgrades – Phase 1 bids.

Burr explained this is a proposal to rebuild the secondary services to the houses south of St. Basil's. This area has never been upgraded and is the area that experiences the most outages. Noted there will be creative tree trimming and construction. Burr asked that GRP not delay; getting this done is a top priority. Michael P. McGeehan responded, "Understood."

Huff noted that these actual bid prices can be extended to the other phases to give an estimate of the potential cost of what is still coming up. McGeehan noted that GRP is looking to replace all the secondaries in this core city area where the most outages are. We now have hard numbers for Phase 1; number of blocks and number of services. A handout was distributed which included the costs, with an average cost per service of \$1,801.32. Noted the map, which was provided for the board to review, which indicates that the highest density of services is in the 1st phase; as we move on to the other phases the density decreases. There is an effort to balance the project out.

Rose asked if this is replacing above-ground which McGeehan confirmed as correct. Hochstedler asked whether each phase is per year; Burr noted, "No, we want to accelerate this; we have been setting aside the funds for this and we are ready to go."

Conklin noted concerns, stating that the bid results indicate six bidders and really we only received two “very somewhat high” bids. Noted that the low bidder is not very low. Burr said the problem is that we have never trimmed in this area. McGeehan noted that the tree trimming is not included in these costs; tree trimming will be done by Tree Core. Burr explained the contract with Tree Core and noted they have been informed of this project.

McGeehan explained that work will not be done in May, June and July, with the knowledge that these contractors are very busy and have a completion date of December 31, 2014. McGeehan noted the cost for underground is considerably higher than above ground, and provided the numbers regarding the difference to try to show the cost per customer. McGeehan said we noted this is an issue from secondary service from pole, to pole, to pole. Many times we see that trees have broken through the lines. Burr stated that area has not been worked in thirty (30) years; McGeehan commented, “Or probably longer.” Burr questioned, “This includes some new poles?” to which McGeehan responded, “This includes all new poles, with the exception of a few that have been replaced recently.” According to Burr, “Fences will be coming down, favorite trees will be trimmed, and so on.

After a question by Henry regarding the boundaries on the map, McGeehan explained that the map is a visual but there will be some legs that go beyond the depiction. McGeehan said his biggest concern is the workload of the contractors, both in and out of state.

Motion by Henry, second by Winkel to approve a recommendation to City Council to award contractual services for Core City Secondary Upgrades – Phase 1 to Kent Power, Inc. of Kent City, Michigan in the amount of \$478,852.98. Labor and materials to be provided are defined in the contract documents prepared by GRP Engineering.

All in favor. Motion carried.

Discussion of who is doing the tree trimming, Huff reiterated that the city has a contract with Tree Core and that they are aware of the scope of this project.

13. Board will be requested to approve a recommendation to City Council to approve an Amendment to the Cost-Based Formula Rate Agreement for Full Requirements Electric Service with Indiana Michigan Power Company.

Halberstadt explained the sharing of off system sales as currently defined in the Cost-Based Formula Rate Agreement. Due to a modification of the agreement between various AEP subsidiaries, the volume of off system sales could potentially decrease moving forward. In order to ensure that the amount that South Haven pays for electricity does not increase substantially, IMMUDA has negotiated a settlement that permits an earlier termination date for the Agreement. In the event that costs escalate, the City could consider early termination and seek pricing from other power supply vendors.

Motion by Winkel, second by Henry to pass a motion recommending that Council approve the Amendment to the Cost-Based Formula Rate Agreement for Full Requirements Electric Rate, Schedule 108. Council’s approval to take the form of a resolution authorizing the Mayor to execute the Amendment on behalf of the City.

All in favor. Motion carried.

14. Next meeting is scheduled for Monday, April 28, 2014 at 4:00 pm in the DPW Conference Room, 1199 8th Avenue, South Haven, Michigan.

15. Director's Comments

Updated the Board on water main breaks since November 13, 2013 through the present.

16. Board Member Comments

Rose: We have a small leak at Covert Park that staff is trying to identify; it is on our side.

Burr: Noted that according to Kevin Anderson, City Manager from Dowagiac (former South Haven City Manager) Dowagiac is going into automated metering through Itron, Inc. Burr noted Itron has been at Consumers since 1973 or 1974 and pointed out that at some point the City of South Haven are going to have to do an automated metering system; this one through Itron is outage related.

Burr explained that a municipality can adopt a pre-pay system where the customer can put down \$300, for example, and it is up to the customer to replenish the amount before it runs out. Winkel suggested that maybe it could be automatically replenished, kind of like the I-Pass, through a customer's bank. It was noted that this could replace the deposit. Halberstadt noted there pre-pay systems typically include an in home display to keep the customer informed of their account balance. Burr noted that when the money runs out the meter shuts off. Burr has requested that Itron come and show us their system. Henry asked what kind of cost would be involved for this kind of system. Huff noted that city staff looked at that a while ago and the cost was pretty high.

Henry asked about his gas bill which seemed extremely high. Discussion ensued regarding the parallel with other utility bills; there could have been estimated reads for January and February, and his current bill could be the "catch-up" with an actual reading. Suggested contacting the utility.

17. Adjourn

Motion by Henry, second by Roberts to adjourn at 5:03 p.m.

All in favor. Motion carried.

RESPECTFULLY SUBMITTED,

Marsha Ransom
Recording Secretary

CITY OF SOUTH HAVEN

Cost of Electric Energy from Indiana-Michigan Power Company (AEP)
2014

Date	ACTUAL				BILLING			COST				PJM Open Access Transmission Tariff						Total Cost	cts/ KWHR			
	KW Demand	KVAR Demand	KVA	Power Factor	KW Demand	KVAR Demand	KWHR	\$ KW Demand	\$ KWHR	\$ Fuel Charge	\$ Fuel Adjust	Actual Fuel True-up	Sch 1A \$ KWHR	\$ Network	RTO Start-up \$	Other	Credits			Total PJM		
Main	11,756	1,283	11,826	0.9941	11,756	1,283	6,923,540	\$193,291.82	\$66,607.22													
Welder	242	304	388	0.6216	242	304	140,739	\$3,970.74	\$1,353.96													
Phoenix	7,975	1,170	8,060	0.9894	7,975	1,170	4,701,765	\$131,124.62	\$45,232.86													
Welder	9	26	27	0.3239	9	26	6,989	\$146.33	\$67.24													
Mar-14	19,981	2,784	20,174	0.9904	19,981	2,784	11,773,033	\$328,533.52	\$113,261.29	\$177,195.92	(\$10,877.11)	(\$44,950.65)	\$1,009.27	\$92,697.73	\$299.21	\$11,967.29	(\$1,935.73)	\$104,037.77	\$667,200.74	5.667		
Main	11,651	1,530	11,751	0.9915	11,651	1,530	6,719,607	\$191,565.41	\$64,645.31													
Welder	371	312	485	0.7652	371	312	141,182	\$6,098.34	\$1,358.23													
Phoenix	8,190	1,078	8,261	0.9915	8,190	1,078	4,543,059	\$134,666.23	\$43,706.04													
Welder	9	22	24	0.3867	9	22	6,223	\$149.62	\$59.87													
Feb-14	20,221	2,941	20,434	0.9896	20,221	2,941	11,410,071	\$332,479.60	\$109,769.45	\$171,732.98	\$19,759.96	(\$46,438.54)	\$978.15	\$83,726.98	\$270.26	\$11,967.30	(\$1,743.34)	\$95,199.35	\$682,502.80	5.982		
Main	333	1,559	1,594	0.2091	12,263	1,559	7,522,565	\$201,628.25	\$72,370.09													
Welder	12,263	300	12,267	0.9997	333	300	81,682	\$5,480.12	\$785.81													
Phoenix	8,052	1,097	8,126	0.9909	8,052	1,097	4,995,844	\$132,384.41	\$48,062.02													
Welder	25	40	47	0.5283	25	40	8,502	\$406.12	\$81.79													
Jan-14	20,673	2,995	20,888	0.9897	20,673	2,995	12,608,593	\$339,898.89	\$121,299.71	\$189,771.93	\$53,301.57	\$69,341.54	\$1,080.90	\$92,697.73	\$299.11	\$11,973.87	(\$1,941.22)	\$104,110.39	\$877,724.03	6.961		

Year to Date 2013:

35,791,698

\$2,227,428

6.223

City of South Haven
Electric Fund - Fund 582
For the period ended March 31, 2014

Col 6 & 11

Revenues:	Month Actual	Monthly Budget	Prior year MTD	MTD Variance to Budget	MTD Variance to Prior Year	YTD Actual	YTD Budget	Prior YTD Actual	Variance to Budget	Variance to Prior Year	2013-14 Adopted Budget	% of Annual Budget
Electric Sales	\$ 1,195,061	\$ 1,146,367	\$ 1,433,249	\$ 48,694	\$ (238,188)	\$ 11,023,981	\$ 10,317,303	\$ 11,039,093	\$ 706,678	\$ (15,112)	\$ 13,756,404	80%
Charges for Service	\$ 30,506	\$ 12,500	\$ 132,921	\$ 18,006	\$ (102,414)	\$ 165,138	\$ 112,500	\$ 253,790	\$ 52,638	\$ (88,652)	\$ 150,000	110%
Interest Income	\$ 9,207	\$ 2,500	\$ 573	\$ 6,707	\$ 8,634	\$ 49,446	\$ 22,500	\$ 14,694	\$ 26,946	\$ 34,752	\$ 30,000	165%
Other Revenue	\$ 1,796	\$ 2,500	\$ 2,524	\$ (704)	\$ (728)	\$ 50,635	\$ 22,500	\$ 30,498	\$ 28,135	\$ 20,138	\$ 30,000	169%
Transfers In	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Total Revenues	\$ 1,236,570	\$ 1,163,867	\$ 1,569,267	\$ 72,703	\$ (332,697)	\$ 11,289,200	\$ 10,474,803	\$ 11,338,075	\$ 814,397	\$ (48,875)	\$ 13,966,404	

1 2 3 4 5 6 7 8 9 10 11

Expenses	Month Actual	Monthly Budget	Prior year MTD	MTD Variance to Budget	MTD Variance to Prior Year	YTD Actual	YTD Budget	Prior YTD Actual	Variance to Budget	Variance to Prior Year	2013-14 Adopted Budget	% of Annual Budget
Purchased Power	\$ 667,201	\$ 800,000	\$ 682,190	\$ (132,799)	\$ (14,990)	\$ 7,280,411	\$ 7,200,000	\$ 6,466,218	\$ 80,411	\$ 814,193	\$ 9,600,000	76%
Other Operating Expenses	\$ 157,282	\$ 146,581	\$ 140,501	\$ 10,701	\$ 16,781	\$ 1,346,300	\$ 1,319,227	\$ 1,220,417	\$ 27,073	\$ 125,882	\$ 1,758,969	77%
Property Tax Equivalents	\$ 57,236	\$ 57,236	\$ 54,821	\$ (0)	\$ 2,415	\$ 515,122	\$ 515,123	\$ 493,387	\$ (0)	\$ 21,736	\$ 686,830	75%
Energy Optimization Costs	\$ 23,026	\$ 21,800	\$ 21,917	\$ 1,226	\$ 1,110	\$ 201,060	\$ 196,202	\$ 176,363	\$ 4,859	\$ 24,697	\$ 261,602	77%
Capital Outlay	\$ 808	\$ 45,000	\$ 25,888	\$ (44,192)	\$ (25,080)	\$ 46,195	\$ 405,000	\$ 111,014	\$ (358,805)	\$ (64,819)	\$ 540,000	9%
Transfer Out	\$ 14,754	\$ -	\$ 37,018	\$ 14,754	\$ (22,264)	\$ 132,787	\$ 132,787	\$ 167,018	\$ (0)	\$ (34,231)	\$ 177,049	75%
Depreciation	\$ 45,000	\$ 45,000	\$ 39,510	\$ -	\$ 5,490	\$ 405,000	\$ 405,000	\$ 355,593	\$ -	\$ 49,407	\$ 540,000	75%
Administrative Expenses	\$ 49,517	\$ 60,153	\$ 47,117	\$ (10,636)	\$ 2,400	\$ 516,951	\$ 541,377	\$ 514,505	\$ (24,426)	\$ 2,446	\$ 721,836	72%
Total Expenses	\$ 1,014,824	\$ 1,175,770	\$ 1,048,962	\$ (160,946)	\$ (34,138)	\$ 10,443,826	\$ 10,714,715	\$ 9,504,515	\$ (270,888)	\$ 939,311	\$ 14,286,286	

Net Fund Change \$ 221,746 \$ (11,903) \$ 520,305 \$ 233,649 \$ (298,559) \$ **845,374** \$ (239,912) \$ 1,833,560 \$ 1,085,286 \$ (988,186) \$ (319,882)

CITY OF SOUTH HAVEN
ELECTRIC FUND
KWH COMPARISONS
ROLLING TWELVE MONTHS

		KWH PURCHASED	KWH BILLED	KWH STREET LTS	STREET LTS 12 MO AVE.	TOTAL KWH BILLED AND STREET LTS	PERCENTAGE BILLED AND STREET LTS TO PURCHASED (ROLLING 12 MOS)	PERCENTAGE BILLED AND STREET LTS TO PURCHASED CURRENT MONTH
FISCAL 2012								
July	2011	15,964,582	12,755,514	37,013	52,009	12,792,527	95.31%	80.13%
August	2011	14,632,086	15,136,722	42,500	52,092	15,179,222	95.19%	103.74%
September	2011	11,307,801	12,319,850	47,553	52,087	12,367,403	95.87%	109.37%
October	2011	10,969,854	9,722,952	56,849	52,308	9,779,801	95.46%	89.15%
November	2011	10,739,972	10,221,480	61,585	52,280	10,283,065	95.52%	95.75%
December	2011	11,617,747	9,798,051	68,085	52,367	9,866,136	95.17%	84.92%
January	2012	11,913,417	11,146,773	65,812	52,441	11,212,585	94.66%	94.12%
February	2012	10,944,615	10,940,177	58,568	52,236	10,998,745	95.24%	100.49%
March	2012	11,050,285	10,825,582	58,568	52,363	10,884,150	95.14%	98.50%
April	2012	10,395,921	10,227,215	47,347	52,247	10,274,562	95.46%	98.83%
May	2012	11,744,237	10,681,872	44,415	52,218	10,726,287	95.09%	91.33%
June	2012	13,267,935	10,895,095	38,072	52,197	10,933,167	93.60%	82.40%
		<u>144,548,453</u>	<u>134,671,283</u>	<u>626,367</u>		<u>135,297,650</u>		
FISCAL 2013								
July	2012	17,466,170	14,702,549	38,276	52,303	14,740,825	93.26%	84.40%
August	2012	14,358,453	15,845,089	43,385	52,376	15,888,474	93.50%	110.66%
September	2012	11,481,145	12,211,557	48,595	52,463	12,260,152	94.22%	106.79%
October	2012	10,545,910	9,741,443	54,699	52,284	9,796,142	94.11%	92.89%
November	2012	10,466,158	10,312,656	61,617	52,287	10,374,273	94.68%	99.12%
December	2012	11,131,795	9,798,623	69,065	52,368	9,867,688	94.46%	88.64%
January	2013	11,560,064	10,621,867	68,768	52,615	10,690,635	94.14%	92.48%
February	2013	10,550,434	10,544,686	59,658	52,705	10,604,344	94.21%	100.51%
March	2013	11,110,656	10,170,132	53,004	52,242	10,223,136	93.95%	92.01%
April	2013	10,233,332	9,906,424	48,201	52,313	9,954,625	94.19%	97.28%
May	2013	11,168,009	10,537,176	44,120	52,288	10,581,296	94.78%	94.75%
June	2013	11,593,465	10,064,318	37,708	52,258	10,102,026	95.35%	87.14%
		<u>141,665,592</u>	<u>134,456,520</u>	<u>627,096</u>		<u>135,083,616</u>		
FISCAL 2014								
July	2013	14,702,976	12,364,189	37,740	52,213	12,401,929	94.64%	84.35%
August	2013	13,559,712	13,582,248	42,342	52,126	13,624,590	94.42%	100.48%
September	2013	11,670,399	12,462,283	48,796	52,143	12,511,079	95.03%	107.20%
October	2013	10,945,398	10,453,792	54,475	52,125	10,508,267	94.91%	96.01%
November	2013	10,657,150	9,502,492	58,511	51,866	9,561,003	94.96%	89.71%
December	2013	11,962,287	10,244,088	71,063	52,032	10,315,151	94.68%	86.23%
January	2014	12,608,593	10,865,756	65,878	51,791	10,931,634	94.09%	86.70%
February	2014	11,410,071	11,949,560	59,636	51,790	12,009,196	94.64%	105.25%
March	2014	11,773,033	10,657,014	54,626	51,925	10,711,640	94.38%	90.98%
		<u>109,289,618</u>	<u>102,081,422</u>	<u>493,067</u>		<u>102,574,489</u>		
Prior Year-to-date		108,670,786	103,948,602	497,067		104,445,669		
Two Years Prior		109,140,359	102,867,101	496,533		103,363,634		

City of South Haven
Water Fund - Fund 591
For the period ended March 31, 2014

Col 6 & 11

Revenues:	Month Actual	Monthly Budget	Prior year MTD	MTD Variance to Budget	MTD Variance to Prior Year	YTD Actual	YTD Budget	Prior YTD Actual	Variance to Budget	Variance to Prior Year	2013-14 Adopted Budget	% of Annual Budget
Sales	\$ 265,586	\$ 287,975	\$ 293,914	\$ (22,388)	\$ (28,327)	\$ 2,824,199	\$ 2,591,772	\$ 2,628,894	\$ 232,427	\$ 195,305	\$ 3,455,696	82%
Charges for Service	3,753	6,250	3,769	(2,497)	(16)	38,322	56,250	50,939	(17,928)	(12,617)	75,000	51%
Interest Income	2	167	298	(165)	(296)	356	1,500	1,021	(1,144)	(665)	2,000	18%
Special Assessment Revenue	18,731	1,083	27,504	17,647	(8,773)	38,553	9,750	41,988	28,803	(3,436)	13,000	297%
Other Revenue	6,091	2,917	-	3,174	6,091	38,841	26,250	32,061	12,591	6,780	35,000	111%
Total Revenues	\$ 294,163	\$ 298,391	\$ 325,484	\$ (4,228)	\$ (31,321)	\$ 2,940,270	\$ 2,685,522	\$ 2,754,903	\$ 254,748	\$ 185,367	\$ 3,580,696	

Expenses:	1	2	3	4	5	6	7	8	9	10	11	% of Annual Budget
	Month Actual	Monthly Budget	Prior year MTD	MTD Variance to Budget	MTD Variance to Prior Year	YTD Actual	YTD Budget	Prior YTD Actual	Variance to Budget	Variance to Prior Year	2013-14 Adopted Budget	
Operating Expenses	\$ 94,985	\$ 114,259	\$ 84,904	\$ (19,275)	\$ 10,080	\$ 862,625	\$ 1,028,334	\$ 856,214	\$ (165,709)	\$ 6,411	\$ 1,371,112	63%
Property Tax Equivalents	8,349	12,274	7,103	(3,924)	1,246	75,145	110,463	63,928	(35,318)	11,216	147,284	51%
Capital Outlay	963	26,076	26,536	(25,113)	(25,572)	256,698	234,682	200,218	22,016	56,480	312,909	82%
Debt Service	57,778	120,895	32,031	(63,117)	25,746	775,150	1,088,052	726,944	(312,902)	48,206	1,450,736	53%
Transfers Out	167	2,824	20,067	(2,657)	(19,900)	1,500	25,413	26,648	(23,913)	(25,148)	33,884	4%
Depreciation	47,917	47,917	16,307	-	31,610	431,250	431,250	146,763	-	284,487	575,000	75%
Administrative Expenses	13,871	18,376	13,330	(4,505)	540	168,279	165,384	161,897	2,894	6,381	220,512	76%
Total Expenses	\$ 224,029	\$ 342,620	\$ 200,279	\$ (118,591)	\$ 23,750	\$ 2,570,646	\$ 3,083,578	\$ 2,182,613	\$ (512,931)	\$ 388,033	\$ 4,111,437	

Net Fund Change \$ 70,134 \$ (44,228) \$ 125,205 \$ 114,362 \$ (55,071) \$ 369,624 \$ (398,056) \$ 572,290 \$ 767,680 \$ (202,666) \$ (530,741)

FY 2014 Debt Service Payments:

	Principal	Interest	Fees	Totals
Annual Bond Discount Amortization	Due 4/1	\$ 26,353		\$ 26,353
Water System Revenue Bonds	Due 10/1	\$ 6,425		\$ 6,425
Water System Revenue Bonds	Due 4/1	\$ 25,000	\$ 6,425	\$ 31,700
2008 Water Plant Bonds	Due 12/1	\$ 232,059	\$ 550	\$ 232,609
	Due 6/1	\$ 232,059		\$ 457,059
2009 Water Plant Bonds	Due 12/1	\$ 255,000	\$ 222,751	\$ 477,751
	Due 6/1	\$ 218,289	\$ 550	\$ 218,839
Total Budgeted Principal, Interest, Fees Due		\$ 505,000	\$ 944,361	\$ 1,375
		\$ 1,450,736		
Payments made Year-to-date		\$ (280,000)	\$ (494,013)	\$ (1,138)
Payable by 5/31		\$ 225,000	\$ 450,348	\$ 238
				\$ 675,585

CITY OF SOUTH HAVEN
WATER FUND
CuFt COMPARISONS
ROLLING TWELVE MONTHS

		GALLONS PUMPED TO MAINS	CuFt PUMPED TO MAINS	CuFt PLANT TAP UNBILLED	CuFt WATER QUALITY FLUSHING	CuFt BILLED	PERCENTAGE BILLED PLUS PLANT TAP TO PUMPED TO MAINS (ROLLING 12 MOS)	PERCENTAGE BILLED PLUS PLANT TAP TO PUMPED TO MAINS CURRENT MONTH
FISCAL 2012								
July	2011	68,313,000	9,132,754	0	190,312	7,441,256	85.55%	81.48%
August	2011	59,907,000	8,008,957	103,610	244,928	7,402,180	84.90%	93.72%
September	2011	50,823,000	6,794,519	19,658	231,936	6,658,175	85.02%	98.28%
October	2011	38,457,000	5,141,310	23,888	231,936	4,862,072	85.07%	95.03%
November	2011	30,875,000	4,127,674	4,273	231,936	3,573,435	85.44%	86.68%
December	2011	30,441,000	4,069,652	17,174	231,936	3,191,493	85.57%	78.84%
January	2012	32,467,000	4,340,508	14,319	68,972	3,074,589	85.44%	71.16%
February	2012	29,495,000	3,943,182	23,262	68,972	3,219,167	85.84%	82.23%
March	2012	30,150,000	4,030,749	38,320	65,764	3,450,952	86.13%	86.57%
April	2012	32,927,000	4,402,005	31,678	68,972	3,378,738	86.74%	77.47%
May	2012	50,646,000	6,770,856	37,087	78,956	4,537,251	86.12%	67.01%
June	2012	72,150,000	9,645,722	41,402	144,360	6,461,594	84.46%	66.99%
		<u>526,651,000</u>	<u>70,407,888</u>	<u>354,672</u>	<u>1,858,980</u>	<u>57,250,902</u>		
FISCAL 2013								
July	2012	97,223,000	12,997,727	42,043	149,172	9,601,173	81.95%	74.19%
August	2012	73,095,000	9,772,059	40,244	227,566	10,549,444	83.36%	108.37%
September	2012	51,928,000	6,942,246	36,348	218,946	7,875,634	84.80%	113.97%
October	2012	37,774,000	5,050,000	27,350	259,447	4,949,605	85.50%	98.55%
November	2012	28,082,000	3,754,278	16,894	255,838	3,275,439	86.15%	87.70%
December	2012	27,941,000	3,735,428	34,835	160,400	3,150,827	86.30%	85.28%
January	2013	29,090,000	3,889,037	35,639	83,007	3,204,712	86.22%	83.32%
February	2013	27,257,000	3,643,984	25,791	72,180	3,368,685	86.69%	93.15%
March	2013	28,716,000	3,839,037	30,416	75,789	2,955,708	87.40%	77.78%
April	2013	27,256,000	3,643,850	38,784	79,398	3,120,869	88.84%	86.71%
May	2013	44,617,270	5,964,876	52,314	342,855	3,962,497	88.14%	66.43%
June	2013	52,158,000	6,972,995	57,485	312,780	5,366,701	91.24%	76.96%
		<u>525,137,270</u>	<u>70,205,517</u>	<u>438,141</u>	<u>2,237,378</u>	<u>61,381,294</u>		
FISCAL 2014								
July	2013	70,321,000	9,401,203	62,968	127,844	6,705,606	88.48%	72.00%
August	2013	62,517,000	8,357,888	48,003	196,427	8,322,168	88.81%	100.15%
September	2013	52,536,000	7,023,529	43,984	192,916	7,118,311	89.52%	101.98%
October	2013	35,699,000	4,772,594	41,176	182,891	5,303,775	90.51%	111.99%
November	2013	28,029,000	3,747,193	37,834	99,473	3,426,297	90.79%	92.45%
December	2013	28,262,000	3,778,342	37,166	178,083	2,904,054	90.43%	77.84%
January	2014	36,931,000	4,937,299	40,642	145,998	3,089,262	89.82%	63.39%
February	2014	36,711,000	4,907,888	36,230	128,741	3,454,550	89.24%	71.13%
March	2014	36,506,000	4,880,481	37,567	40,914	3,251,264	89.19%	67.39%
		<u>387,512,000</u>	<u>51,806,417</u>	<u>385,570</u>	<u>1,293,287</u>	<u>43,575,287</u>		
Prior Year-to-date		401,106,000	53,623,797	289,559	1,502,345	48,931,227		
Two Years Prior		370,928,000	49,589,305	244,504	1,566,692	42,873,319		

City of South Haven
Sewer Fund - Fund 592
For the period ended March 31, 2014

Col 6 & 11

<i>Revenues:</i>	<i>Month Actual</i>	<i>Monthly Budget</i>	<i>Prior year MTD</i>	<i>MTD Variance to Budget</i>	<i>MTD Variance to Prior Year</i>	<i>YTD Actual</i>	<i>YTD Budget</i>	<i>Prior YTD Actual</i>	<i>Variance to Budget</i>	<i>Variance to Prior Year</i>	<i>2013-14 Adopted Budget</i>	<i>% of Annual Budget</i>
Sales	\$ 159,316	\$ 183,638	\$ 182,173	\$ (24,322)	\$ (22,857)	\$ 1,703,435	\$ 1,652,741	\$ 1,515,773	\$ 50,694	\$ 187,661	\$ 2,203,654	77%
IPP Revenues	4,546	7,310	3,674	(2,764)	872	57,113	65,793	68,351	(8,680)	(11,238)	87,724	65%
Interest Income	4	625	14	(621)	(9)	707	5,625	2,295	(4,918)	(1,588)	7,500	9%
Special Assessment Revenue	29,711	1,423	35,835	28,289	(6,124)	48,115	12,803	56,094	35,312	(7,979)	17,071	282%
Grant Revenue	-	-	-	-	-	-	-	168,059	-	(168,059)	-	#DIV/0!
Other Revenue	7,980	292	50	7,688	7,930	13,441	2,625	1,465	10,816	11,976	3,500	384%
Total Revenues	\$ 201,558	\$ 193,287	\$ 221,746	\$ 8,270	\$ (20,188)	\$ 1,822,811	\$ 1,739,587	\$ 1,812,038	\$ 83,224	\$ 10,773	\$ 2,319,449	

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<i>Expenses</i>	<i>Month Actual</i>	<i>Monthly Budget</i>	<i>Prior year MTD</i>	<i>MTD Variance to Budget</i>	<i>MTD Variance to Prior Year</i>	<i>YTD Actual</i>	<i>YTD Budget</i>	<i>Prior YTD Actual</i>	<i>Variance to Budget</i>	<i>Variance to Prior Year</i>	<i>2013-14 Adopted Budget</i>	<i>% of Annual Budget</i>
Operating Expenses	\$ 94,364	\$ 101,321	\$ 93,404	\$ (6,957)	\$ 960	\$ 822,804	\$ 911,889	\$ 846,623	\$ (89,085)	\$ (23,819)	\$ 1,215,852	68%
Grant Expense-SSSES	-	3,333	26,865	(3,333)	(26,865)	104,485	30,000	245,555	74,485	(141,070)	40,000	261%
Property Tax Equivalents	7,453	7,453	7,317	0	137	67,081	67,081	65,850	0	1,231	89,441	75%
Capital Outlay	16,574	31,175	45,089	(14,601)	(28,515)	414,140	280,574	241,853	133,566	172,287	374,098	111%
Transfers Out	19,917	23,680	194,602	(3,763)	(174,685)	179,250	213,119	238,465	(33,868)	(59,215)	284,158	63%
Depreciation	22,917	22,917	20,379	-	2,538	206,250	206,250	183,409	-	22,841	275,000	75%
Administrative Expenses	20,922	25,966	20,013	(5,044)	909	232,080	233,691	227,249	(1,612)	4,831	311,588	74%
Total Expenses	\$ 182,147	\$ 215,845	\$ 407,668	\$ (33,698)	\$ (225,521)	\$ 2,026,089	\$ 1,942,603	\$ 2,049,003	\$ 83,486	\$ (22,914)	\$ 2,590,137	

Net Fund Change \$ 19,411 \$ (22,557) \$ (185,922) \$ 41,969 \$ 205,334 \$ (203,278) \$ (203,016) \$ (236,965) \$ (262) \$ 33,687 \$ (270,688)

FUND 370

City of South Haven
2011 Building Authority General Obligation Limited Tax Refunding Bonds
 Dated: September 27, 2011
 (Refunding of 2001 Building Authority Bonds)
 Debt Service Schedule

Date	Principal	Coupon	Interest	Total P+I	Paying Agent fees	FISCAL TOTAL	OUTSTANDING PRINCIPAL BALANCE
9/27/2011							\$ 2,265,000.00
5/1/2012			34879.02		500.00		
6/30/2012						35,379.02	
11/1/2012	200,000.00	2.000%	29,337.50	229,337.50	500.00	-	
5/1/2013	-	-	27,337.50	27,337.50		-	
6/30/2013	-	-	-	-		257,175.00	2,065,000.00
11/1/2013	210,000.00	2.000%	27,337.50	237,337.50	500.00	-	
5/1/2014	-	-	25,237.50	25,237.50		-	
6/30/2014	-	-	-	-		263,075.00	1,855,000.00
11/1/2014	210,000.00	2.000%	25,237.50	235,237.50	550.00	-	
5/1/2015	-	-	23,137.50	23,137.50		-	
6/30/2015	-	-	-	-		258,925.00	1,645,000.00
11/1/2015	215,000.00	2.000%	23,137.50	238,137.50	550.00	-	
5/1/2016	-	-	20,987.50	20,987.50		-	
6/30/2016	-	-	-	-		259,675.00	1,430,000.00
11/1/2016	220,000.00	2.000%	20,987.50	240,987.50	550.00	-	
5/1/2017	-	-	18,237.50	18,237.50		-	
6/30/2017	-	-	-	-		259,775.00	1,210,000.00
11/1/2017	225,000.00	2.000%	18,237.50	243,237.50	550.00	-	
5/1/2018	-	-	15,425.00	15,425.00		-	
6/30/2018	-	-	-	-		259,212.50	985,000.00
11/1/2018	235,000.00	2.000%	15,425.00	250,425.00	550.00	-	
5/1/2019	-	-	11,900.00	11,900.00		-	
6/30/2019	-	-	-	-		262,875.00	750,000.00
11/1/2019	240,000.00	2.000%	11,900.00	251,900.00	550.00	-	
5/1/2020	-	-	8,300.00	8,300.00		-	
6/30/2020	-	-	-	-		260,750.00	510,000.00
11/1/2020	250,000.00	2.500%	8,300.00	258,300.00	550.00	-	
5/1/2021	-	-	4,550.00	4,550.00		-	
6/30/2021	-	-	-	-		263,400.00	260,000.00
11/1/2021	260,000.00	2.500%	4,550.00	264,550.00	550.00	-	
5/1/2022	-	-	-	-		-	
6/30/2022	-	-	-	-		265,100.00	-
Total	\$2,265,000.00	-	\$374,441.52	\$2,604,562.50			

2015 BUDGET:

	FUND 252	FUND 250	FUND 582	TOTALS	
	<u>LDFA #2</u>	<u>DDA</u>	<u>ELECTRIC</u>		
	5%	30%	65%		
Principal	10,500.00	63,000.00	136,500.00	210,000.00	370-905-991-000
Interest	2,418.75	14,512.50	31,443.75	48,375.00	370-905-995-000
Fees	27.50	165.00	357.50	550.00	370-905-801-000
DEBT SERVICE	12,946.25	77,677.50	168,301.25	258,925.00	
	252-965-999-370	250-965-999-370	582-965-999-370		
	370-000-699-252	370-000-699-250	370-000-699-582		

FUND 371

City of South Haven
 2012 General Obligation Limited Tax Refunding Bonds
 Dated: November 13, 2012
 (Refunding of 2003 Capital Improvement Bonds)
 Debt Service Schedule

Date	Principal	Coupon	Interest	Total P+I	Paying Agent fees	FISCAL TOTAL	OUTSTANDING PRINCIPAL BALANCE
							\$ 4,070,000.00
11/13/2012	-	-	-	-	-	-	
5/1/2013	-	-	44,747.50	44,747.50	550.00	-	
6/30/2013	-	-	-	-	-	45,297.50	4,070,000.00
11/1/2013	-	-	47,943.75	47,943.75	-	-	
5/1/2014	250,000.00	2.000%	47,943.75	297,943.75	550.00	-	
6/30/2014	-	-	-	-	-	346,437.50	3,820,000.00
11/1/2014	-	-	45,443.75	45,443.75	-	-	
5/1/2015	250,000.00	2.000%	45,443.75	295,443.75	550.00	-	
6/30/2015	-	-	-	-	-	341,437.50	3,570,000.00
11/1/2015	-	-	42,943.75	42,943.75	-	-	
5/1/2016	255,000.00	2.000%	42,943.75	297,943.75	500.00	-	
6/30/2016	-	-	-	-	-	341,387.50	3,315,000.00
11/1/2016	-	-	40,393.75	40,393.75	-	-	
5/1/2017	260,000.00	2.000%	40,393.75	300,393.75	500.00	-	
6/30/2017	-	-	-	-	-	341,287.50	3,055,000.00
11/1/2017	-	-	37,793.75	37,793.75	-	-	
5/1/2018	265,000.00	2.000%	37,793.75	302,793.75	500.00	-	
6/30/2018	-	-	-	-	-	341,087.50	2,790,000.00
11/1/2018	-	-	35,143.75	35,143.75	-	-	
5/1/2019	280,000.00	2.000%	35,143.75	315,143.75	500.00	-	
6/30/2019	-	-	-	-	-	350,787.50	2,510,000.00
11/1/2019	-	-	32,343.75	32,343.75	-	-	
5/1/2020	280,000.00	2.000%	32,343.75	312,343.75	500.00	-	
6/30/2020	-	-	-	-	-	345,187.50	2,230,000.00
11/1/2020	-	-	29,543.75	29,543.75	-	-	
5/1/2021	290,000.00	2.500%	29,543.75	319,543.75	500.00	-	
6/30/2021	-	-	-	-	-	349,587.50	1,940,000.00
11/1/2021	-	-	25,918.75	25,918.75	-	-	
5/1/2022	300,000.00	2.500%	25,918.75	325,918.75	500.00	-	
6/30/2022	-	-	-	-	-	352,337.50	1,640,000.00
11/1/2022	-	-	22,168.75	22,168.75	-	-	
5/1/2023	310,000.00	2.500%	22,168.75	332,168.75	500.00	-	
6/30/2023	-	-	-	-	-	354,837.50	1,330,000.00
11/1/2023	-	-	18,293.75	18,293.75	-	-	
5/1/2024	320,000.00	2.750%	18,293.75	338,293.75	500.00	-	
6/30/2024	-	-	-	-	-	357,087.50	1,010,000.00
11/1/2024	-	-	13,893.75	13,893.75	-	-	
5/1/2025	325,000.00	2.750%	13,893.75	338,893.75	500.00	-	
6/30/2025	-	-	-	-	-	353,287.50	685,000.00
11/1/2025	-	-	9,425.00	9,425.00	-	-	
5/1/2026	340,000.00	2.500%	9,425.00	349,425.00	500.00	-	
6/30/2026	-	-	-	-	-	359,350.00	345,000.00
11/1/2026	-	-	5,175.00	5,175.00	-	-	
5/1/2027	345,000.00	3.000%	5,175.00	350,175.00	500.00	-	
6/30/2027	-	-	-	-	-	355,850.00	-
Total	\$4,070,000.00	-	\$857,597.50	\$4,927,597.50	-	-	-

2015 BUDGET:

FUND 251	FUND 592	FUND 250	DEBT SERVICE	
<u>LDFA #1</u>	<u>SEWER</u>	<u>DDA</u>		
Fixed amount	Fixed amount	Balance of DS		
120,000.00	200,000.00	21,437.50	341,437.50	TRANSFERS OUT

FUND 591

City of South Haven
\$ 470,000 Water Supply System Revenue Bonds
 Dated: May 1, 2001

Debt Service Schedule

Date	Principal	Coupon	Interest	Total P+I	Paying Agent fees	FISCAL TOTAL	OUTSTANDING PRINCIPAL BALANCE
10/1/2011							\$ 295,000.00
4/1/2012	25,000.00	4.700%	7,618.75	32,618.75	500.00		
6/30/2012						33,118.75	270,000.00
10/1/2012	-	4.850%	7,031.25	7,031.25	500.00	-	
4/1/2013	25,000.00	4.850%	7,031.25	32,036.10			
6/30/2013						39,567.35	245,000.00
10/1/2013	-	5.000%	6,425.00	6,425.00	500.00	-	
4/1/2014	25,000.00	5.000%	6,425.00	31,430.00			
6/30/2014						38,355.00	220,000.00
10/1/2014	-	5.100%	5,800.00	5,800.00	550.00	-	
4/1/2015	25,000.00	5.100%	5,800.00	30,805.10			
6/30/2015						37,155.10	195,000.00
10/1/2015	-	5.200%	5,162.50	5,162.50	550.00	-	
4/1/2016	30,000.00	5.200%	5,162.50	35,167.70			
6/30/2016						40,880.20	165,000.00
10/1/2016	-	5.250%	4,382.50	4,382.50	550.00	-	
4/1/2017	30,000.00	5.250%	4,382.50	34,387.75			
6/30/2017						39,320.25	135,000.00
10/1/2017	-	5.300%	3,595.00	3,595.00	550.00	-	
4/1/2018	30,000.00	5.300%	3,595.00	33,600.30			
6/30/2018						37,745.30	105,000.00
10/1/2018	-	5.300%	2,800.00	2,800.00	550.00	-	
4/1/2019	35,000.00	5.300%	2,800.00	37,805.30			
6/30/2019						41,155.30	70,000.00
10/1/2019	-	5.350%	1,872.50	1,872.50	550.00	-	
4/1/2020	35,000.00	5.350%	1,872.50	36,877.85			
6/30/2020						39,300.35	35,000.00
10/1/2020	-	5.350%	936.25	936.25	550.00	-	
4/1/2021	35,000.00	5.350%	936.25	35,941.60			
6/30/2021						37,427.85	-
Total	\$295,000.00	-	\$83,628.75	\$346,056.70	\$4,850.00	-	

2015 BUDGET:

	<u>TOTALS</u>	
Principal	25,000.00	591-905-991-000
Interest	11,600.00	591-905-995-000
Fees	550.00	591-905-801-000
DEBT SERVICE	37,150.00	

FUND 591

City of South Haven

\$20,000,000 2008 & 2009 Capital Improvement Bonds ~ Water Filtration Plant

COMBINED DEBT SERVICE SCHEDULE

Date	Principal	Interest	Total P+I	Paying Agent fees	FISCAL TOTAL	OUTSTANDING PRINCIPAL BALANCE
						\$ 19,280,000.00
12/1/2011	-	-	-	-	-	
6/1/2012	125,000.00	464,585.01	589,585.01	1,100.00	-	
6/30/2012					590,685.01	19,280,000.00
12/1/2012	225,000.00	462,085.01	687,085.01		-	
6/1/2013	195,000.00	458,710.01	653,710.01	550.00	-	
6/30/2013					1,341,345.02	19,055,000.00
12/1/2013	255,000.00	454,810.01	709,810.01		-	
6/1/2014	225,000.00	450,347.51	675,347.51	1,100.00	-	
6/30/2014					1,386,257.52	18,800,000.00
12/1/2014	280,000.00	445,847.51	725,847.51		-	
6/1/2015	275,000.00	440,947.51	715,947.51	1,100.00	-	
6/30/2015					1,442,895.02	18,520,000.00
12/1/2015	290,000.00	435,103.76	725,103.76		-	
6/1/2016	305,000.00	429,303.76	734,303.76	1,100.00	-	
6/30/2016					1,460,507.52	18,230,000.00
12/1/2016	300,000.00	422,822.51	722,822.51		-	
6/1/2017	340,000.00	416,447.51	756,447.51	1,100.00	-	
6/30/2017					1,480,370.02	17,930,000.00
12/1/2017	315,000.00	409,010.01	724,010.01		-	
6/1/2018	355,000.00	401,922.51	756,922.51	1,100.00	-	
6/30/2018					1,482,032.52	17,615,000.00
12/1/2018	330,000.00	393,935.01	723,935.01		-	
6/1/2019	395,000.00	386,180.01	781,180.01	1,100.00	-	
6/30/2019					1,506,215.02	17,285,000.00
12/1/2019	345,000.00	377,292.51	722,292.51		-	
6/1/2020	385,000.00	369,098.76	754,098.76	1,100.00	-	
6/30/2020					1,477,491.27	16,940,000.00
12/1/2020	365,000.00	359,955.01	724,955.01		-	
6/1/2021	450,000.00	351,012.51	801,012.51	1,100.00	-	
6/30/2021					1,527,067.52	16,575,000.00
12/1/2021	380,000.00	340,325.01	720,325.01		-	
6/1/2022	455,000.00	331,015.01	786,015.01	1,100.00	-	
6/30/2022					1,507,440.02	16,195,000.00
12/1/2022	400,000.00	320,208.76	720,208.76		-	
6/1/2023	480,000.00	310,208.76	790,208.76	1,100.00	-	
6/30/2023					1,511,517.52	15,795,000.00
12/1/2023	420,000.00	298,808.76	718,808.76		-	
6/1/2024	510,000.00	148,883.75	658,883.75	1,100.00	-	
6/30/2024					1,378,792.51	15,375,000.00
Total	\$19,280,000.00	\$10,193,921.50	\$29,473,921.50	\$24,200.00	-	

2015 BUDGET:

Principal	\$ 555,000.00	591-905-991-591
Interest	\$ 886,795.02	591-905-995-591
Fees	\$ 1,100.00	591-905-801-000
	<u>\$ 1,442,895.02</u>	

CITY OF SOUTH HAVEN

FISCAL YEAR	WATER BOND BOND DISCOUNT		WATER PLANT BOND BOND DISCOUNT		WATER PLANT BOND BOND ISSUE COSTS	
	ANNUAL	9,400.00	ANNUAL	444,900.00	ANNUAL	202,167.50
2012	470.00	4,191.00	17,796.00	373,716.00	8,086.70	169,820.70
2013	470.00	3,721.00	17,796.00	355,920.00	8,086.70	161,734.00
2014	470.00	3,251.00	17,796.00	338,124.00	8,086.70	153,647.30
2015	470.00	2,781.00	17,796.00	320,328.00	8,086.70	145,560.60
2016	470.00	2,311.00	17,796.00	302,532.00	8,086.70	137,473.90
2017	470.00	1,841.00	17,796.00	284,736.00	8,086.70	129,387.20
2018	470.00	1,371.00	17,796.00	266,940.00	8,086.70	121,300.50
2019	470.00	901.00	17,796.00	249,144.00	8,086.70	113,213.80
2020	470.00	431.00	17,796.00	231,348.00	8,086.70	105,127.10
2021	431.00	-	17,796.00	213,552.00	8,086.70	97,040.40
2022	-	-	17,796.00	195,756.00	8,086.70	88,953.70
2023	-	-	17,796.00	177,960.00	8,086.70	80,867.00
2024	-	-	17,796.00	160,164.00	8,086.70	72,780.30
2025	-	-	17,796.00	142,368.00	8,086.70	64,693.60
2026	-	-	17,796.00	124,572.00	8,086.70	56,606.90
2027	-	-	17,796.00	106,776.00	8,086.70	48,520.20
2028	-	-	17,796.00	88,980.00	8,086.70	40,433.50
2029	-	-	17,796.00	71,184.00	8,086.70	32,346.80
2030	-	-	17,796.00	53,388.00	8,086.70	24,260.10
2031	-	-	17,796.00	35,592.00	8,086.70	16,173.40
2032	-	-	17,796.00	17,796.00	8,086.70	8,086.70
2033	-	-	17,796.00	-	8,086.70	(0.00)
	-	-				
	9,400.00		444,900.00		202,167.50	
	591-001-129-000				591-001-129-001	

ANNUAL BOND AMORTIZATION CHARGES GO TO 591-905-995-002

26,353

City of South Haven, MI



Electric Outage Report 1st Quarter 2014

#	General Information			Cause	Time & Duration				Customers		
	Date	S/U	Address/Location	Description	#	Ints	T off	T on	Mins	# Out	Cust Min
1	1/3/2014	U	617 & 619 Green St	Fuse - Squirrel	4	1	1/3/14 6:45 AM	1/3/14 8:10 AM	85	7	595
2	1/4/2014	U	14240 77th St	Line fuse - Tree	5	1	1/4/14 2:15 PM	1/4/14 4:05 PM	110	16	1760
3	1/5/2014	U	Bluffwood Dr	2 bad cut outs	10	1	1/5/14 3:30 AM	1/5/14 7:00 AM	210	47	9870
4	1/5/2014	U	76671 11th Ave	Bad connection	10	1	1/5/14 7:10 PM	1/5/14 9:40 PM	150	1	150
5	1/11/2014	U	Park St & Wells St	Line Fuse - Squirrel	4	1	1/11/14 7:10 AM	1/11/14 8:40 AM	90	29	2610
6	1/17/2014	U	69000 CR 384	Bad cutout & arrestor	10	1	1/17/14 2:50 PM	1/17/14 4:25 PM	95	16	1520
7	1/17/2014	U	409 St Joseoh St & 114 Michigan Ave	Bad fuse	10	1	1/17/14 5:00 PM	1/17/14 10:30 PM	330	23	7590
8	1/18/2014	U	19360 M-140 Hwy	Bad connection	10	1	1/18/14 1:20 PM	1/18/14 2:35 PM	75	1	75
9	1/18/2014	U	72033 8th Ave	Bad connection	10	1	1/18/14 2:45 PM	1/18/14 3:40 PM	55	1	55
10	1/18/2014	U	259 Pearl St	Down service - tree limb	5	1	1/18/14 9:20 PM	1/19/14 12:30 PM	910	6	5460
11	1/19/2014	U	71105 16th Ave	Fuse - Squirrel	4	1	1/19/14 1:00 AM	1/19/14 2:25 AM	85	7	595
12	1/23/2014	U	200 Lovejoy Ave	Down primary line tree	5	1	1/23/14 4:15 PM	1/23/14 6:50 PM	155	1	155
13	1/24/2014	U	345 Park Ave	Down primary line tree	5	1	1/24/14 4:30 PM	1/24/14 9:15 PM	285	41	11685
14	1/29/2014	U	CR 388 & 73rd St	Fuse - Squirrel	4	1	1/29/14 4:30 PM	1/29/14 5:15 PM	45	1	45
15	1/31/2014	U	47 Oak	Bad underground service	2	1	1/31/14 2:45 PM	1/31/14 5:50 PM	185	1	185

Total Customers this Month	8,248	Days of Month
Total Customer Minutes this Month	368,190,720	31

Outage Totals			
		This Month	This Month Last Year
Unscheduled Outages			
Long	# Outages	15	17
	# Customers Out	198	961
	# Minutes Out	2,865	2544
	# Customer Minutes Out	42,350	194095
	# Within City System	15	17
	# Supply to City Minutes	0	0
Short	# Outages (Blinks)	0	0
	# Customers Affected	0	0
	# Within City System	0	0
	# Supply to City Minutes	0	0
Scheduled Outages			
Long	# Outages	0	0
	# Customers Out	0	0
	# Minutes Out	0	0
	# Customer Minutes Out	0	0
	# Within City System	0	0
	# Supply to City Minutes	0	0
Short	# Outages (Blinks)	0	0
	# Customers Affected	0	0
	# Within City System	0	0
	# Supply to City Minutes	0	0
Totals			
Total Long Outages		15	17
Total Short Outages (Blinks)		0	0
Total Customers Out (Long)		198	961
Total Customers Affected (Short- Blinks)		0	0
Total Customer Minutes Out		42,350	194095
Total Outages Within City System		15	17
Total Outages in Supply to City		0	0

Number of Outages (by Cause)					
Cause #	Description	Total This Month	This Month Last Year	Rolling AT	% AT
0	Electric Supply Disruption to City	0	0	1	0%
1	Fallen Line / Rotted Pole	0	2	3	1%
2	Bad U/G Cable	1	0	9	4%
3	Lightning	0	0	7	3%
4	Animal Contact	4	0	49	20%
5	Tree Contact	4	8	90	36%
6	Contamination / Foreign Debris	0	0	0	0%
7	Human	0	0	4	2%
8	Other	0	2	0	0%
9	Undetermined	0	0	0	0%
10	Failed Device	6	5	87	35%
	Total	15	17	250	

12 Month Outage Statistics		
Index	As of This Month	As of This Month Last Year
ASAI (%)	99.7508	99.9432
CAIDI (Long) (min)	854.46	239.86
SAIDI (Long) (min)	109.17	24.94
SAIFI (Long) (ints/tot cust)	0.13	0.10
SAIFI (Short) (ints/tot cust)	0.00	0.00

- ASAI - Average Service Availability Index
(customer minutes available/total customer minutes, as a %)
- CAIDI - Customer Average Interruption Duration Index
(average minutes interrupted per interrupted customer)
- SAIDI - System Average Interruption Duration Index
(average minutes interrupted per customer for all customers)
- SAIFI (Long) - System Average Interruption Frequency Index
(# of long interruptions per customer for all customers)
- SAIFI (Short) - System Average Interruption Frequency Index
(# of short interruptions per customer for all customers)

#	Date	S/U	General Information	Cause	Time & Duration				Customers		
			Address/Location	Description	#	Ints	T off	T on	Mins	# Out	Cust Min
1	2/12/2014	U	77th St S. of 14th Ave	2 line fuses	10	1	2/12/14 5:00 AM	2/12/14 8:45 AM	225	57	12825
2	2/12/2014	U	16359 77th St	2 bad fuses	10	1	2/12/14 5:00 AM	2/12/14 1:45 PM	525	4	2100
3	2/14/2014	U	525 Edgell St	Fuse - Squirrel	4	1	2/14/14 2:50 PM	2/14/14 6:00 PM	190	9	1710
4	2/15/2014	U	16949 77th St	Bad connection on primary line	10	1	2/15/14 8:55 PM	2/16/14 12:30 AM	215	91	19565
5	2/19/2014	U	74764 24th Ave	Bad fuse	10	1	2/19/14 7:20 PM	2/19/14 10:30 PM	190	4	760
6	2/20/2014	U	13130 M-140 Hwy	Bad meter - ice damage	8	1	2/20/14 5:50 PM	2/20/14 6:45 PM	55	1	55
7	2/21/2014	U	1601 Phoenix St	Fuse	10	1	2/21/14 9:00 AM	2/21/14 10:05 AM	65	1	65
8	2/21/2014	U	602 Broadway St	Bad connection	10	1	2/21/14 9:40 AM	2/21/14 11:15 AM	95	1	95
9	2/27/2014	U	South Haven St & Cherry St	Bad connection	10	1	2/27/14 1:40 PM	2/27/14 2:50 PM	70	1	70
10	2/27/2014	U	15600 M-140 Hwy	Fuse Squirrel	4	1	2/27/14 5:50 PM	2/27/14 7:15 PM	85	9	765

S/U - Scheduled or Unscheduled
 Ints - # of Interruptions
 Long - >1 min; Short - <1 min
 Cause # - see table on page 3

Total Customers this Month	8,248	Days of Month
Total Customer Minutes this Month	332,559,360	28

Outage Totals			
		This Month	This Month Last Year
Unscheduled Outages			
Long	# Outages	10	12
	# Customers Out	178	330
	# Minutes Out	1,715	1614
	# Customer Minutes Out	38,010	50568
	# Within City System	10	12
	# Supply to City Minutes	0	0
Short	# Outages (Blinks)	0	0
	# Customers Affected	0	0
	# Within City System	0	0
	# Supply to City Minutes	0	0
Scheduled Outages			
Long	# Outages	0	0
	# Customers Out	0	0
	# Minutes Out	0	0
	# Customer Minutes Out	0	0
	# Within City System	0	0
	# Supply to City Minutes	0	0
Short	# Outages (Blinks)	0	0
	# Customers Affected	0	0
	# Within City System	0	0
	# Supply to City Minutes	0	0
Totals			
	Total Long Outages	10	12
	Total Short Outages (Blinks)	0	0
	Total Customers Out (Long)	178	330
	Total Customers Affected (Short- Blinks)	0	0
	Total Customer Minutes Out	38,010	50568
	Total Outages Within City System	10	12
	Total Outages in Supply to City	0	0

Number of Outages (by Cause)					
Cause #	Description	Total This Month	This Month Last Year	Rolling AT	% AT
0	Electric Supply Disruption to City	0	0	1	0%
1	Fallen Line / Rotted Pole	0	0	3	1%
2	Bad U/G Cable	0	0	9	4%
3	Lightning	0	0	7	3%
4	Animal Contact	2	2	49	20%
5	Tree Contact	0	6	84	34%
6	Contamination / Foreign Debris	0	0	0	0%
7	Human	0	0	4	2%
8	Other	1	0	1	0%
9	Undetermined	0	0	0	0%
10	Failed Device	7	4	90	36%
	Total	10	12	248	

12 Month Outage Statistics		
Index	As of This Month	As of This Month Last Year
ASAI (%)	99.7513	99.9424
CAIDI (Long) (min)	863.95	236.80
SAIDI (Long) (min)	108.94	25.21
SAIFI (Long) (ints/tot cust)	0.13	0.11
SAIFI (Short) (ints/tot cust)	0.00	0.00

- ASAI - Average Service Availability Index
(customer minutes available/total customer minutes, as a %)
- CAIDI - Customer Average Interruption Duration Index
(average minutes interrupted per interrupted customer)
- SAIDI - System Average Interruption Duration Index
(average minutes interrupted per customer for all customers)
- SAIFI (Long) - System Average Interruption Frequency Index
(# of long interruptions per customer for all customers)
- SAIFI (Short) - System Average Interruption Frequency Index
(# of short interruptions per customer for all customers)

S/U - Scheduled or Unscheduled
 Ints - # of Interruptions
 Long - >1 min; Short - <1 min
 Cause # - see table on page 3

#	Date	S/U	General Information	Cause	Time & Duration				Customers		
			Address/Location	Description	#	Ints	T off	T on	Mins	# Out	Cust Min
1	3/1/2014	U	539 Phoenix St	Bad underground service	2	1	3/1/14 7:00 AM	3/1/14 11:30 AM	270	5	1350
2	3/1/2014	U	359 Broadway St	Bad underground service	2	1	3/1/14 9:40 AM	3/1/14 6:30 PM	530	4	2120
3	3/10/2014	U	11635 76th St	Underground line fuse - Squirrel	4	1	3/10/14 9:10 AM	3/10/14 11:00 AM	110	3	330
4	3/10/2014	U	809 Kalamazoo St	Down service - Ice	8	1	3/10/14 4:25 PM	3/10/14 6:10 PM	105	1	105
5	3/10/2014	U	68544 CR 388	Down service - Ice	8	1	3/10/14 5:30 PM	3/10/14 9:15 PM	225	1	225
6	3/11/2014	U	77191 CR 390	Service down - tree limb	5	1	3/11/14 8:50 AM	3/11/14 10:40 AM	110	1	110
7	3/12/2014	U	19626 M-140 Hwy	Bad connection	10	1	3/12/14 3:00 AM	3/12/14 4:20 AM	80	1	80
8	3/12/2014	U	CR 380 W. of M-140 Hwy	2 line fuses - tree down	5	1	3/12/14 4:20 AM	3/12/14 7:30 PM	910	34	30940
9	3/13/2014	U	10529 Blue Star Hwy	Bad connection	10	1	3/13/14 3:05 PM	3/13/14 4:35 PM	90	1	90
10	3/14/2014	U	Clinton St & St. Joseph St	Fuse - Squirrel	4	1	3/14/14 3:35 PM	3/14/14 4:30 PM	55	16	880
11	3/15/2014	U	1008 Wilson St	Bad connection	10	1	3/15/14 4:35 PM	3/15/14 5:50 PM	75	1	75
12	3/15/2014	U	1199 8th Ave	Bad fuse - cut outs & arrestors	10	1	3/15/14 7:00 AM	3/15/14 11:50 AM	290	1	290
13	3/22/2014	U	64645 8th Ave	Bad connection	10	1	3/22/14 9:05 AM	3/22/14 11:20 AM	135	1	135
14	3/23/2014	U	125 Veterans Blvd	Bad bushing in cabinet	10	1	3/23/14 8:45 AM	3/23/14 11:55 AM	190	1	190
15	3/26/2014	U	18022 CR 687	Line fuse at 16th Ave & CR 687 going south	10	1	3/26/14 3:30 PM	3/26/14 5:10 PM	100	11	1100
16	3/27/2014	U	1223 Phoenix St	Primary line down - tree cut by contractors	7	1	3/27/14 11:20 AM	3/27/14 2:30 PM	190	4	760
17	3/31/2014	U	230 Baseline Rd	Fuse & line fuse - Squirrel	4	1	3/31/14 9:30 AM	3/31/14 11:05 AM	95	46	4370

S/U - Scheduled or Unscheduled

Ints - # of Interruptions

Long - >1 min; Short - <1 min

Cause # - see table on page 3

Total Customers this Month	8,248	Days of Month
Total Customer Minutes this Month	368,190,720	31

Outage Totals			
		This Month	This Month Last Year
Unscheduled Outages			
Long	# Outages	17	8
	# Customers Out	132	50
	# Minutes Out	3,560	790
	# Customer Minutes Out	43,150	4645
	# Within City System	17	8
	# Supply to City Minutes	0	0
Short	# Outages (Blinks)	0	0
	# Customers Affected	0	0
	# Within City System	0	0
	# Supply to City Minutes	0	0
Scheduled Outages			
Long	# Outages	0	0
	# Customers Out	0	0
	# Minutes Out	0	0
	# Customer Minutes Out	0	0
	# Within City System	0	0
	# Supply to City Minutes	0	0
Short	# Outages (Blinks)	0	0
	# Customers Affected	0	0
	# Within City System	0	0
	# Supply to City Minutes	0	0
Totals			
Total Long Outages		17	8
Total Short Outages (Blinks)		0	0
Total Customers Out (Long)		132	50
Total Customers Affected (Short- Blinks)		0	0
Total Customer Minutes Out		43,150	4645
Total Outages Within City System		17	8
Total Outages in Supply to City		0	0

Number of Outages (by Cause)					
Cause #	Description	Total This Month	This Month Last Year	Rolling AT	% AT
0	Electric Supply Disruption to City	0	0	1	0%
1	Fallen Line / Rotted Pole	0	0	3	1%
2	Bad U/G Cable	2	0	11	4%
3	Lightning	0	0	7	3%
4	Animal Contact	3	2	50	19%
5	Tree Contact	2	1	85	33%
6	Contamination / Foreign Debris	0	0	0	0%
7	Human	1	1	4	2%
8	Other	2	0	3	1%
9	Undetermined	0	0	0	0%
10	Failed Device	7	4	93	36%
	Total	17	8	257	

12 Month Outage Statistics		
Index	As of This Month	As of This Month Last Year
ASAI (%)	99.7505	99.9432
CAIDI (Long) (min)	861.35	237.85
SAIDI (Long) (min)	109.27	24.88
SAIFI (Long) (ints/tot cust)	0.13	0.10
SAIFI (Short) (ints/tot cust)	0.00	0.00

- ASAI - Average Service Availability Index
(customer minutes available/total customer minutes, as a %)
- CAIDI - Customer Average Interruption Duration Index
(average minutes interrupted per interrupted customer)
- SAIDI - System Average Interruption Duration Index
(average minutes interrupted per customer for all customers)
- SAIFI (Long) - System Average Interruption Frequency Index
(# of long interruptions per customer for all customers)
- SAIFI (Short) - System Average Interruption Frequency Index
(# of short interruptions per customer for all customers)

S/U - Scheduled or Unscheduled
 Ints - # of Interruptions
 Long - >1 min; Short - <1 min
 Cause # - see table on page 3

South Haven Electric Distribution System

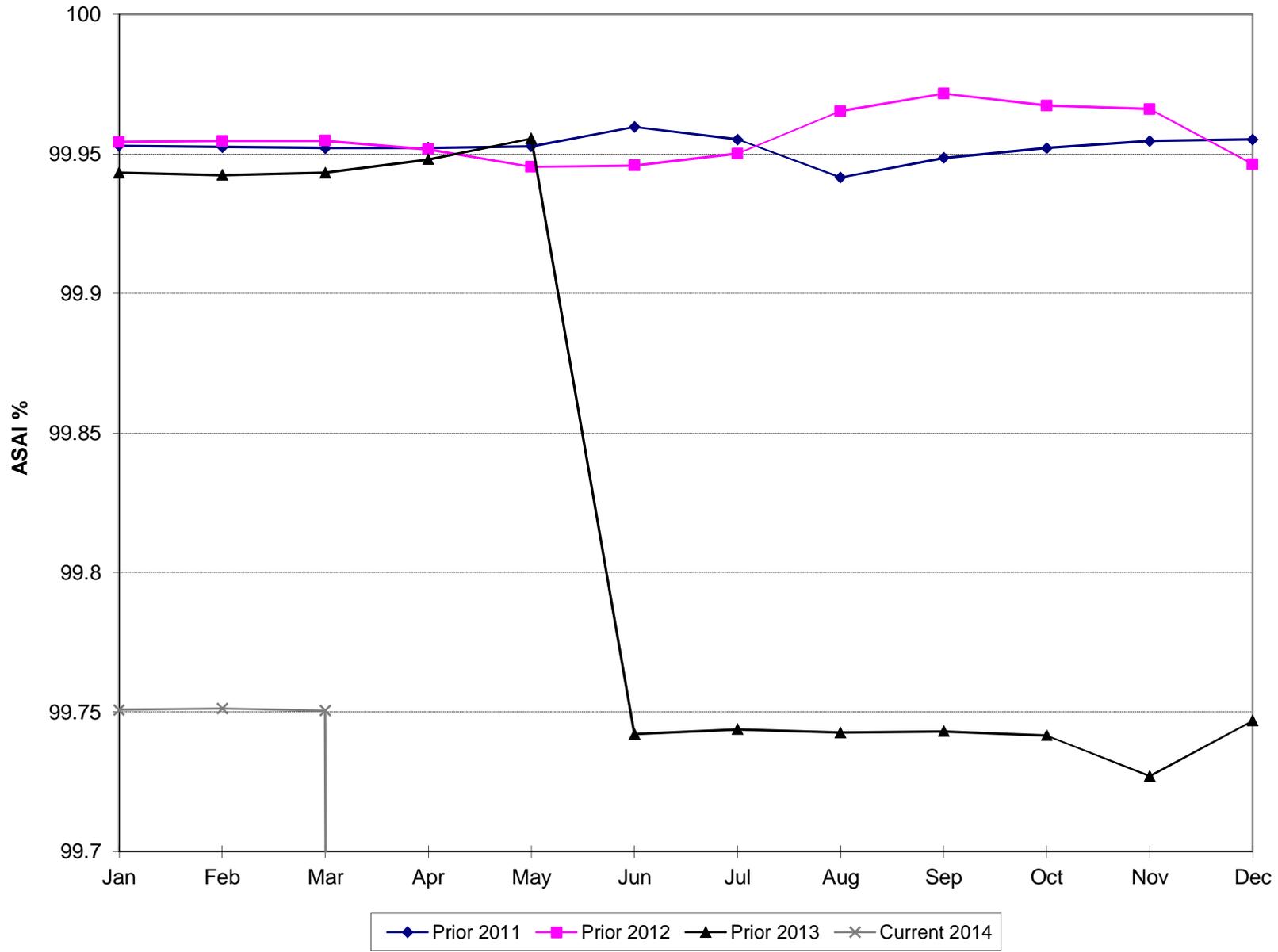
RELIABILITY REPORT

MAR 2014

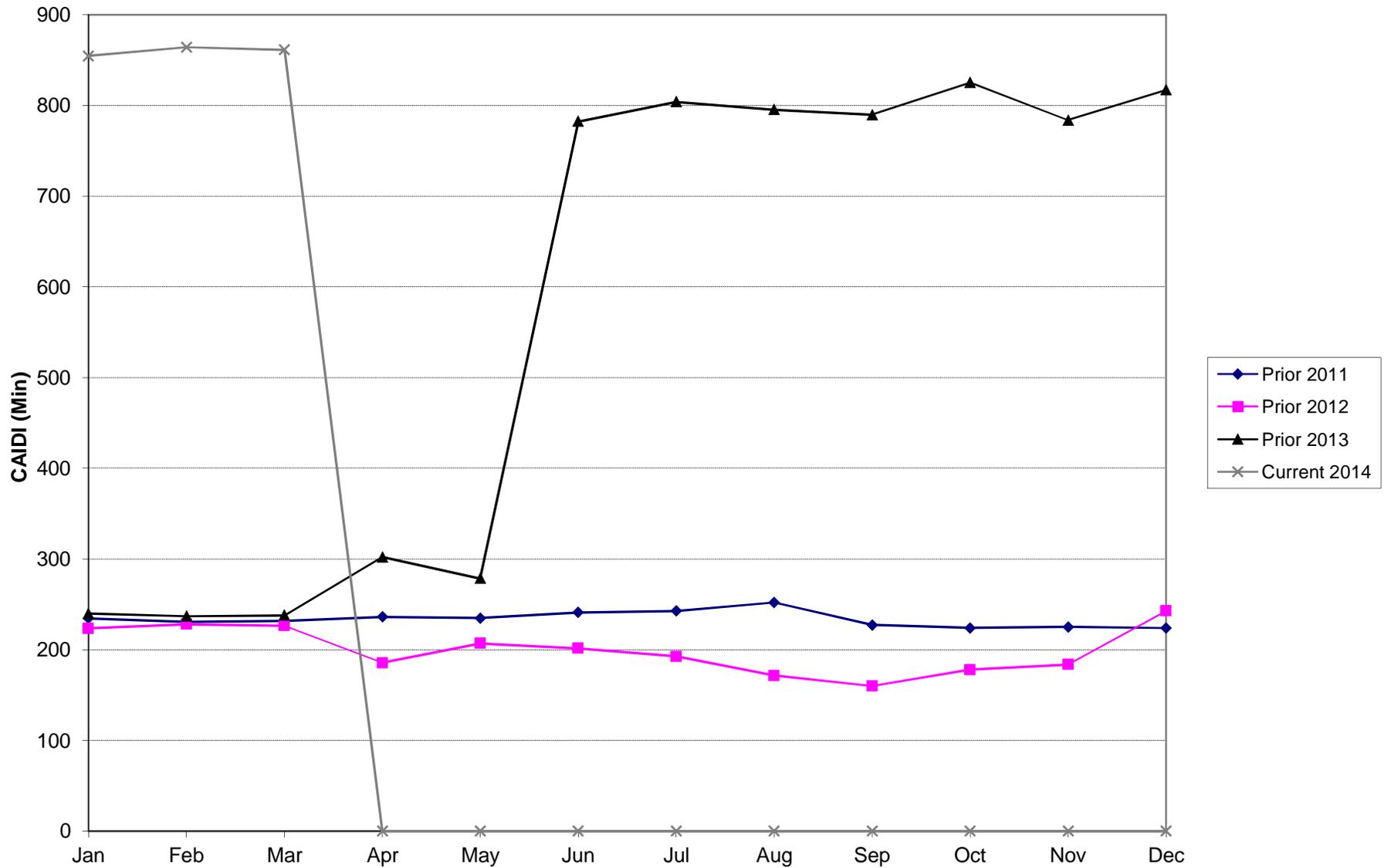
Month	Mar 13	Apr 13	May 13	Jun 13	Jul 13	Aug 13	Sep 13	Oct 13	Nov 13	Dec 13	Jan 14	Feb 14	Mar 14	
Number of Customers	8,195	8,116	8,116	8,116	8,209	8,209	8,209	8,130	8,130	8,130	8,248	8,248	8,248	
Unscheduled Outages														
Long Outages	# Outages	8	8	18	51	25	24	19	18	37	13	15	10	17
	# Customers Out	50	12	91	8,162	462	484	398	337	1,877	115	198	178	132
	# Minutes Out	790	833	2,955	10,333	3,052	3,280	2,384	46,545	9,715	2,256	2,865	1,715	3,560
	# Customer Mins	4,645	1,233	23,475	9,265,523	65,865	103,250	55,547	348,470	714,605	18,856	42,350	38,010	43,150
	# City System	8	8	18	50	25	24	19	18	37	13	15	10	17
	# Supply to City Minutes	0	0	0	9,081,180	0	0	0	0	0	0	0	0	0
Short Outages	# Outages (Blinks)	0	2	0	0	0	0	0	0	0	0	0	0	0
	# Customers Out	0	2	0	0	0	0	0	0	0	0	0	0	0
	# City System	0	2	0	0	0	0	0	0	0	0	0	0	0
	# Supply to City Minutes	0	0	0	0	0	0	0	0	0	0	0	0	0
Scheduled Outages														
Long Outages	# Outages	0	0	0	0	0	0	0	0	0	0	0	0	0
	# Customers Out	0	0	0	0	0	0	0	0	0	0	0	0	0
	# Minutes Out	0	0	0	0	0	0	0	0	0	0	0	0	0
	# Customer Mins	0	0	0	0	0	0	0	0	0	0	0	0	0
	# City System	0	0	0	0	0	0	0	0	0	0	0	0	0
	# Supply to City Minutes	0	0	0	0	0	0	0	0	0	0	0	0	0
Short Outages	# Outages (Blinks)	0	0	0	0	0	0	0	0	0	0	0	0	0
	# Customers Out	0	0	0	0	0	0	0	0	0	0	0	0	0
	# City System	0	0	0	0	0	0	0	0	0	0	0	0	0
	# Supply to City Minutes	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals														
	Total Long Outages	8	8	18	51	25	24	19	18	37	13	15	10	17
	Total Short Outages (Blinks)	0	2	0	0	0	0	0	0	0	0	0	0	0
	Total Custs Out (Long)	50	12	91	8,162	462	484	398	337	1,877	115	198	178	132
	Total Custs Out (Short Blinks)	0	2	0	0	0	0	0	0	0	0	0	0	0
	Total Cust Mins Out	4,645	1,233	23,475	9,265,523	65,865	103,250	55,547	348,470	714,605	18,856	42,350	38,010	43,150
	Total City System	8	8	18	50	25	24	19	18	37	13	15	10	17
	Total Supply to City	0	0	0	1	0	0	0	0	0	0	0	0	0
Indices														
	SAI (%)	99.94	99.95	99.96	99.74	99.74	99.74	99.74	99.74	99.73	99.75	99.75	99.75	99.75
	CAIDI (Long) (min)	237.85	302.01	278.64	782.15	803.87	795.12	789.47	825.37	783.66	816.79	854.46	863.95	861.35
	SAIDI (Long) (min)	24.88	22.78	19.52	112.97	112.23	112.74	112.52	113.19	119.59	110.87	109.17	108.94	109.27
	SAIFI (long int/cust)	0.10	0.08	0.07	0.14	0.14	0.14	0.14	0.14	0.15	0.14	0.13	0.13	0.13
	SAIFI (short int/cust)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ASAI (Average Service Availability Index)

4/8/2014



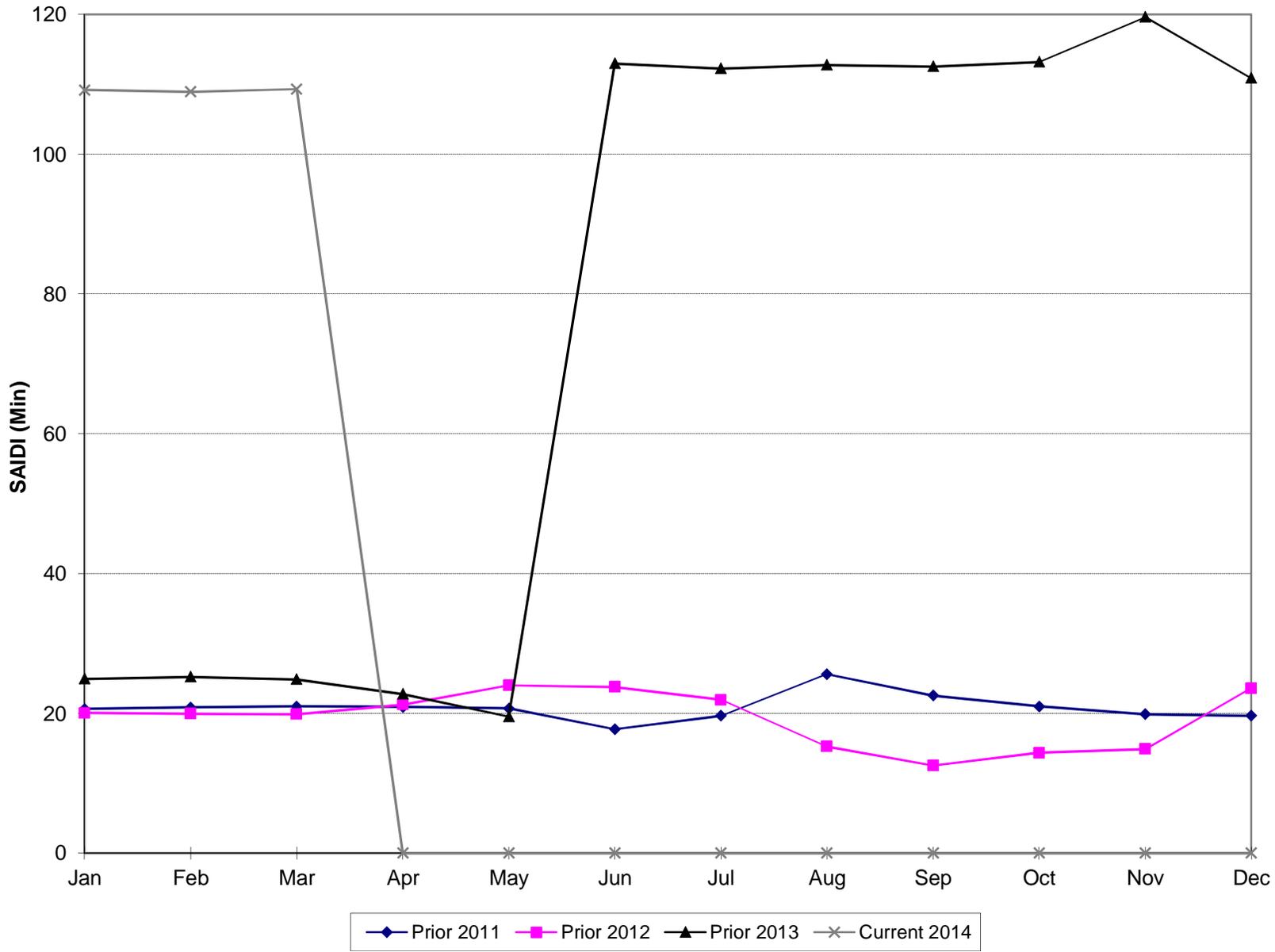
The ratio of the total customer minutes that service was available divided by the total customer minutes demanded (expected) in a time period. It is expressed as a percent.



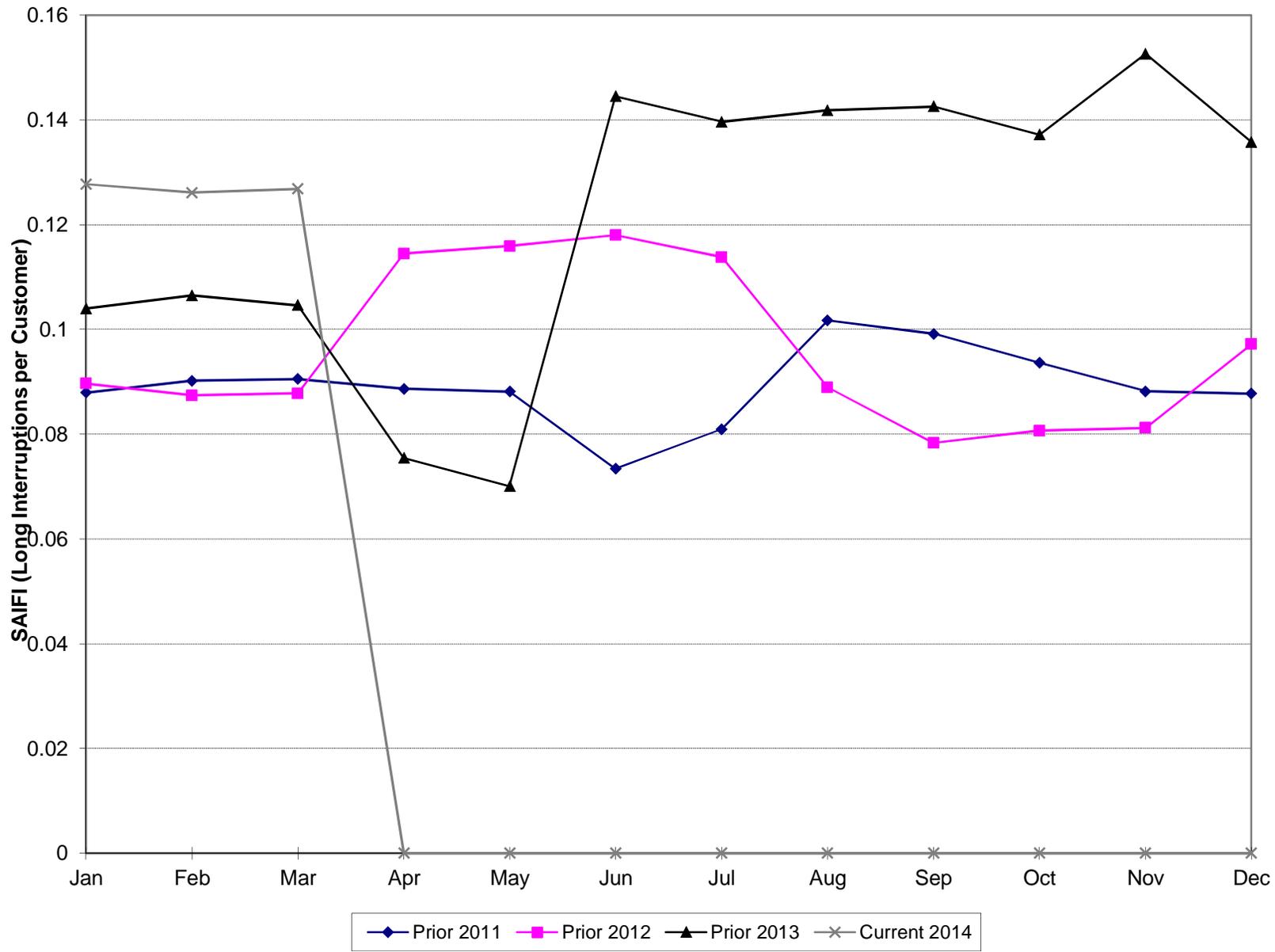
This is the average duration of a customer outage, and is calculated by dividing the sum of the customer minutes off by the number of customers who experienced long interruptions.

SAIDI (System Average Interruption Duration Index)

4/8/2014



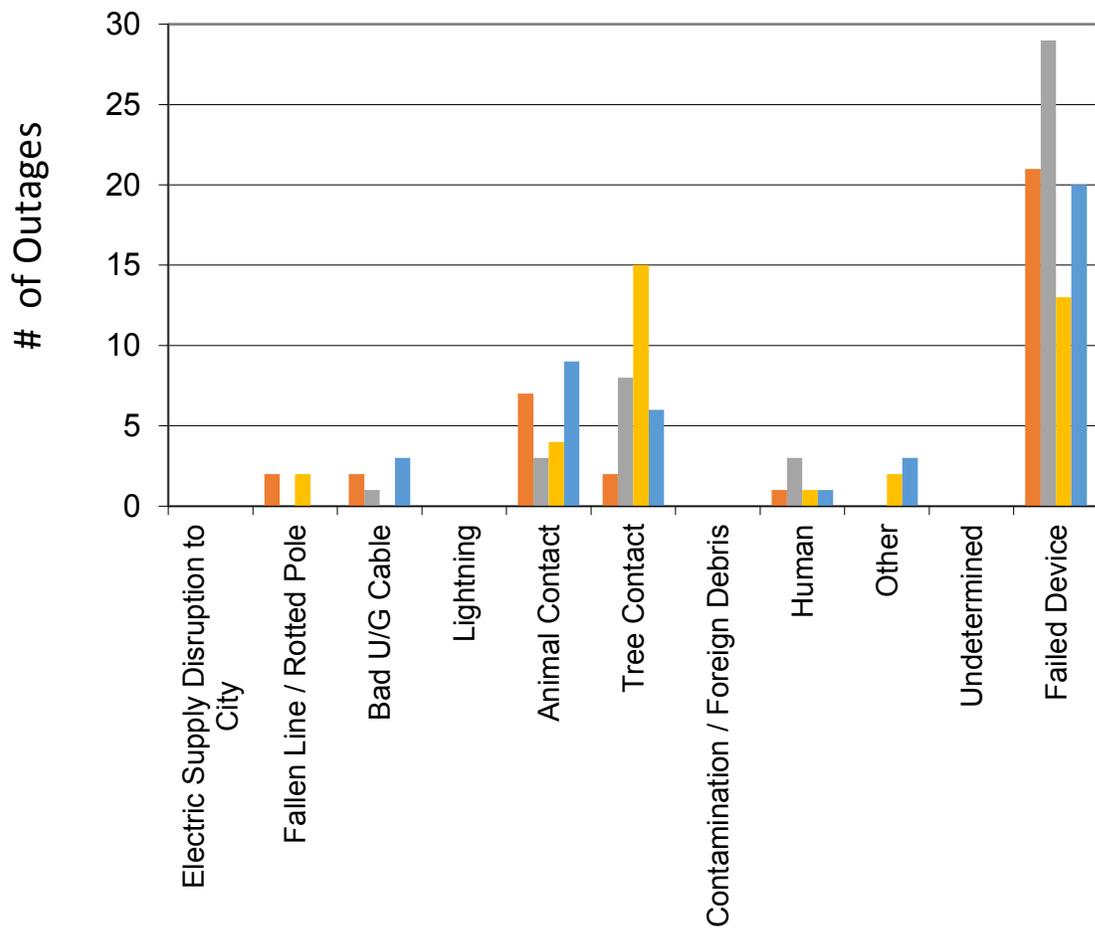
This is the avg interruption duration for all customers served, and is calculated by dividing the sum of the customer minutes off by the avg number of customers served.



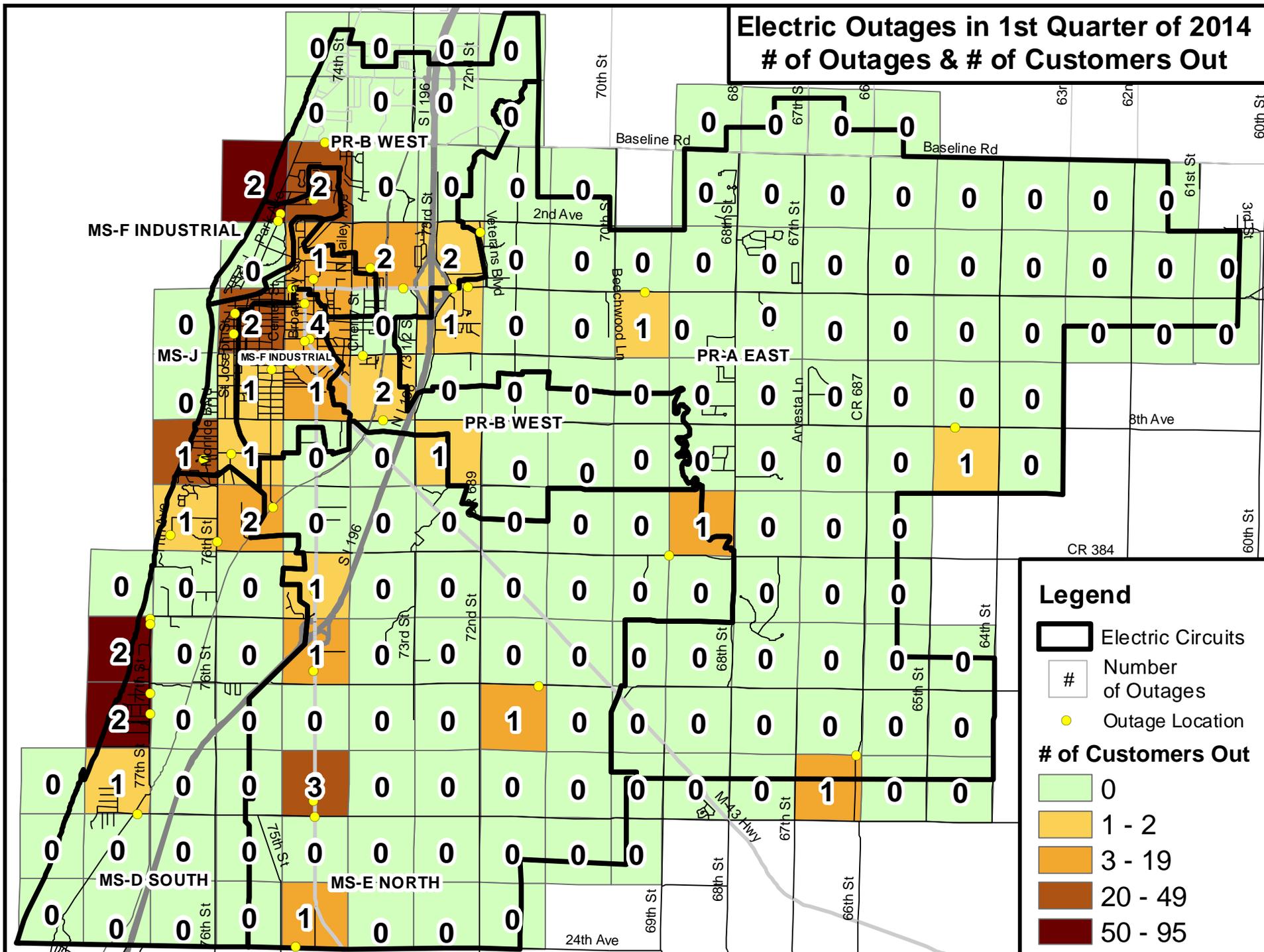
The number of times a customer is interrupted (>1 minute), averaged over all customers. Divide total customer interruptions by an avg of total customers served.

Number of Outages - 1st Quarter	2011	2012	2013	2014	2013-2014
0 Electric Supply Disruption to City	0	0	0	0	0%
1 Fallen Line / Rotted Pole	2	0	2	0	-2%
2 Bad U/G Cable	2	1	0	3	3%
3 Lightning	0	0	0	0	0%
4 Animal Contact	7	3	4	9	125%
5 Tree Contact	2	8	15	6	-60%
6 Contamination / Foreign Debris	0	0	0	0	0%
7 Human	1	3	1	1	0%
8 Other	0	0	2	3	50%
9 Undetermined	0	0	0	0	0%
10 Failed Device	21	29	13	20	54%
Grand Total	35	44	37	42	14%

Outages By Cause - 1st Quarter 2011-2014

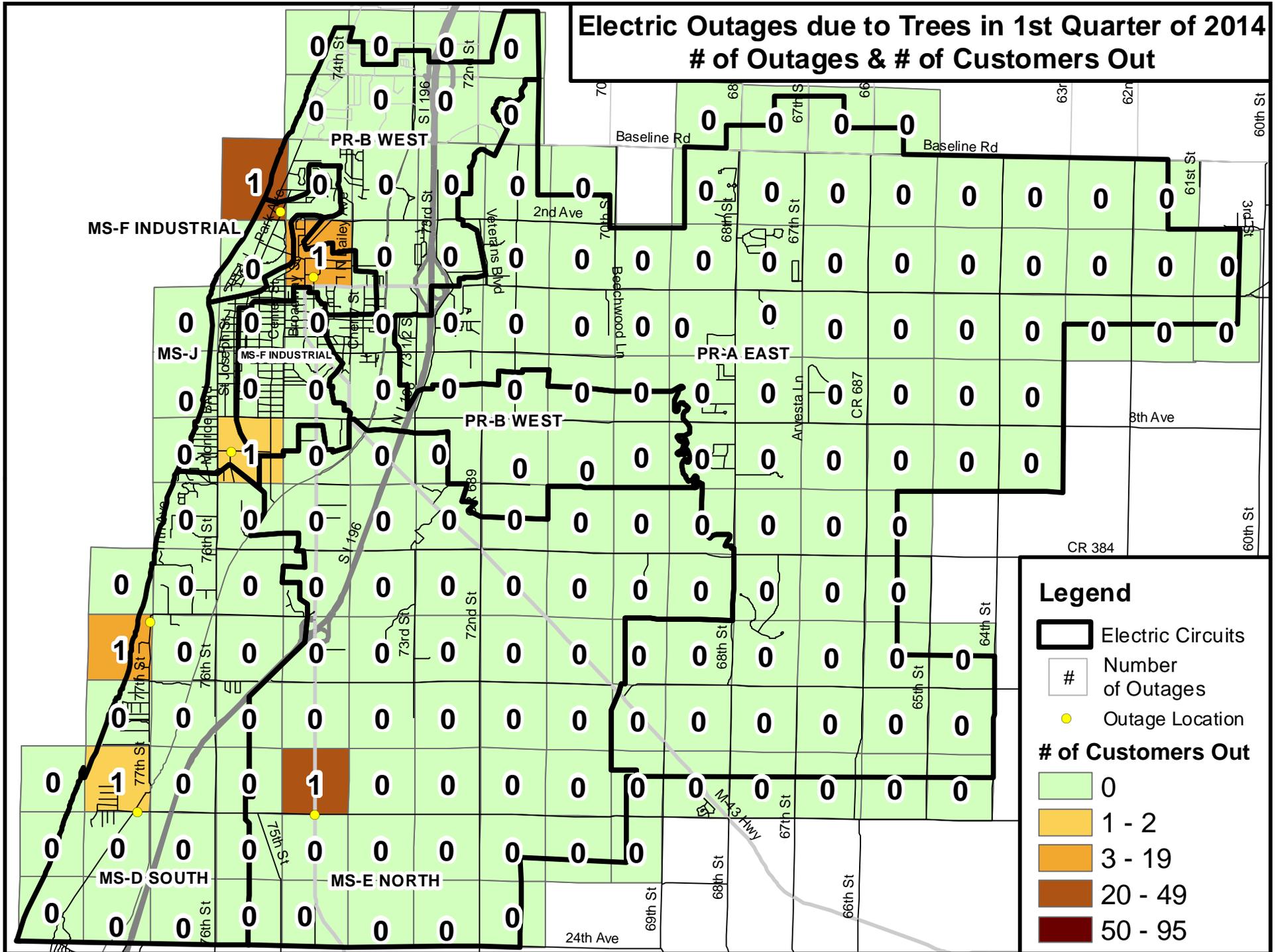


Electric Outages in 1st Quarter of 2014 # of Outages & # of Customers Out



Electric Outages due to Trees in 1st Quarter of 2014

of Outages & # of Customers Out



Legend

- Electric Circuits
- Number of Outages
- Outage Location

of Customers Out

- 0
- 1 - 2
- 3 - 19
- 20 - 49
- 50 - 95



City of South Haven

Agenda Item #10

Unresolved Issues

New items shown in **bold** text.

Completed items shown with single ~~strike through~~ text for one meeting, then double ~~strike through~~ text for the next meeting, then removed from the list.

ACTION ITEMS

- 3/26/12 – Stickland requested that staff provide the utility policy concerning tampering fees for review at the next meeting. Addressed under agenda item 15 at the April 30, 2012 meeting. MMEA was contacted requesting their assistance in contacting fellow members for their policies regarding meter tampering, disconnection or tampering with service feeders/pipes, theft of service, and unsealed meter showing consumption. No response has been received from MMEA. City staff is contacting fellow IMMUDA members plus Holland, Lowell, and Coldwater. Policies have been received from Bluffton, IN; Coldwater, MI; Holland BPW; Lowell Light & Power; Niles, MI; Sturgis, MI; Zeeland BPW. These policies will be compiled and summarized and distributed to staff and the BPU for review and comment. Updating the Public Utilities Rules, Regulations and Policies (and Code of Ordinances) is one of City Council's adopted priorities for 2014-15.
- 4/30/12 – As a result of the tamper fee discussion with a resident, staff was requested to compile a list of electrical and plumbing contractors licensed to work in South Haven for the purpose of sending notification letters concerning the tamper policy. City staff contacted the State of Michigan and Michigan Township services, but they could not provide specific information. City of South Haven Building Services has a bulletin board available for posting notices. Suggestion was made to add it to the building permit form or instructions. Start with the City and then work with the townships.



City of South Haven

Agenda Item #11

Request for Customer Credit

Background Information:

Mr. Jack Shapiro owns a single family residence located at 09704 76th Street in South Haven Township. This residence is used as a summer/vacation home.

Mr. Shapiro receives electric, water and sewer service from the City at this household. Mr. Shapiro's account is set up for electronic payment from his bank account and he is a customer in good standing with the utility.

Because this is a seasonal home, the metered water usage is typically quite low (less than 300 cubic feet). Mr. Shapiro's bill for the period between March 13 and April 14, 2014 includes an abnormally high reading for water and sewer usage in the amount of 17,968 cubic feet. As a result, his bill includes a \$351.78 charge for water usage and a \$463.57 charge for sewer usage. Upon investigating the high usage, Mr. Shapiro discovered that a hose bib at the rear of the home had been turned on and allowed to run for an unknown period of time.

The hose bib was not turned on by a member of City staff and Mr. Shapiro has not been able to determine who turned on the hose bib. As a result, Mr. Shapiro is requesting a credit for the excess water and sewer usage.

Resolution 07-37 addresses the means of providing water and sewer credits for various types of leaks that develop on customer premises. Because the leakage occurred outdoors, at the rear of the home and at a time that the owner was not present, the leak could be considered a "hidden leak" under the policy.

Recommendation:

Provide a customer credit to Mr. Jack Shapiro in accordance with parts (2) and (3) of Resolution 07-37. Grant Mr. Shapiro a leakage allowance for water of 50 percent of the charge for the wasted water and 100 percent of the charge for sewer usage.

Support Material:

Letter from Jack Shapiro
Resolution 07-37, Leakage Allowance

Mr. Larry Halberstadt
Acting Public Works Director
City of South Haven

Dear Mr. Halberstadt,

This letter is a request for a review of my high Utility Bill due May 7, 2014. The bill says that 17968 gallons of water were used. As I explained in our recent phone conversation, we have not been in our house for the last several months, and so did not use any significant amount of water. An outside faucet was discovered to be open by my daughter when she came to the house from Kalamazoo, and it was turned off at that time. Because of the severe cold weather and reports that other communities were running water to keep the pipes from freezing, I concluded that the faucet was opened by the city for that reason. I learned from the city staff that South Haven does not turn on anyone's water, so I presume now that this was an act of vandalism.

Would it be possible for the city to reduce our Utility Bill? At the very least we should not have to pay the \$463.57 sewer usage charge since the water flowed outside and did not entail use of sewer system resources. I understand that people who fill swimming pools do not have to pay sewer usage charge for that water.

Thank you for considering this request.

Yours truly,

Jack Shapiro
Account #20928000
09704 76th St.
South Haven

CITY OF SOUTH HAVEN
VAN BUREN AND ALLEGAN COUNTIES, MICHIGAN

RESOLUTION NO. 07-37

A RESOLUTION TO INCLUDE AN ADDENDUM TO THE
UTILITY POLICY SETTING LEAKAGE ALLOWANCE

Minutes of a regular meeting of the City Council of the City of South Haven, Van Buren and Allegan Counties, Michigan, held in the City Hall, 539 Phoenix Street, South Haven, Michigan 49090 on June 4, 2007 at 7:30 p.m. local time.

PRESENT: Andersen, Bradley, Fahs, Paull, Smith, Stegeman, Appleyard

ABSENT: None

The following preamble and resolution was offered by Member Smith and supported by Member Fahs.

WHEREAS, City Council adopted the Public Utilities Rules, Regulations and Policies by Resolution 07-04 on January 15, 2007; and

WHEREAS, during their meeting on May 29, 2007, the Board of Public Utilities further reviewed the Public Utilities Rules, Regulations and Policies, as related to water/sewer leakage allowances for water/sewer customers, and has recommended the adoption of the following allowances.

NOW, THEREFORE BE IT RESOLVED, that the Public Utilities Rules, Regulations and Policies be amended to allow for water leakage allowances described as follows:

LEAKAGE ALLOWANCE:

(1) UNDERGROUND LEAKS: Allowance for underground service pipe leaks or leaks in crawl spaces or concrete floors (but not leaks in underground irrigation systems) will be 75 percent of the charge for wasted water estimated from the beginning date of the leak to the date of repair, which period shall not exceed two regular reading periods unless extended by missed readings. The Department will inspect the premises to determine the cause of the leak. Wastage will be considered as the excess consumption over normal usage, obtained by reference to the customer's consumption record. If there is no consumption record, the average consumption for the previous calendar year for the appropriate customer classification will be used as the normal consumption. An adjustment will be given only after the customer has corrected the condition causing the leak and the premises has been inspected by the Department to determine the repairs have been properly made.

(2) OTHER TYPES OF HIDDEN LEAKS: Allowance for other types of hidden leaks (but not leaks in underground irrigation systems) will be 50 percent of the charge for wasted water. The period adjusted shall not exceed one regular reading period unless extended by missed readings. Such allowance will be considered only one time per customer per service address, per calendar year, and only when all the following conditions exist: (a) consumption is at least double normal usage, (b) consumption is at least 2,000 cubic feet more than normal, (c) total consumption for the reading period exceeds 2,800 cubic feet, (d)

circumstances indicate that a leak exists or had existed, (e) the leak shall have been hidden from open view, including toilet leaks and other concealed plumbing leaks, and (f) repairs have been made. Wastage will be determined as indicated in Rule (1) Underground Leaks. An adjustment will be given only after the customer has corrected the condition causing the leak to the Department's satisfaction.

(3) SEWER CREDITS RELATED TO UNDERGROUND LEAKS: A credit will be granted for 100 percent of the charge for sewer which can be documented as to not having entered the sanitary sewer system. No sewer credit will be issued for water leaks which have entered the sanitary sewer system. Credits will be estimated from the beginning date of the leak to the date of repair, which period shall not exceed two regular reading periods unless extended by missed readings. If there is no consumption record, the average consumption for the previous calendar year for the appropriate customer classification will be used as the normal consumption. An adjustment will be given only after the customer has corrected the condition causing the leak and the premises has been inspected by the Department to determine the repairs have been properly made.

BE IT FURTHER RESOLVED, that this resolution shall be included as an addendum to the Public Utilities Rules, Regulations and Policies.

BE IT FURTHER RESOLVED, that this resolution shall take effect upon passage by the City Council.

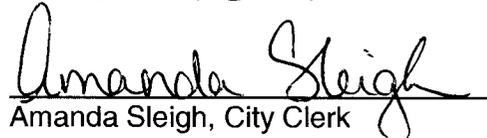
RECORD OF VOTE:

Yeas: Andersen, Fahs, Paull, Smith, Stegeman, Appleyard

Nays: Bradley

RESOLUTION DECLARED ADOPTED.


Dorothy Appleyard, Mayor


Amanda Sleigh, City Clerk



City of South Haven

Agenda Item #12

Public Act 95 of 2013

Background Information:

On July 1, 2013, Gov. Snyder signed Senate Bill 284 creating Public Act 95 of 2013. The bill authorizes the Public Service Commission to raise up to \$50 million annually for low income energy assistance in Michigan. The money will be placed in the Low Income Energy Assistance Fund (LIEAF) and will be dispensed by the Department of Human Services. The legislation requires that the money collected from a geographic area is returned, to the extent possible, to that geographic area. Low income customers will be able to receive State assistance to pay electric, natural gas, and propane bills.

In order to raise the \$50 million annual stipend, the legislation requires all electric utilities in Michigan, including municipal utilities, to place a monthly surcharge on customer bills and send the collected money to the State on an annual basis. The monthly surcharge will be established by the State but will not be more than \$1.00 per customer. A customer who has multiple meters at their residence is to be billed the surcharge on only one meter.

The legislation does include an opt-out provision for all utilities. Each year, a utility may file a notice with the Public Service Commission by July 1 indicating that they desire to opt out of collecting the surcharge. A utility that opts out may not shut off service to any residential customer from November 1 to April 15 for nonpayment of a delinquent account. Michigan's two largest electric providers, Consumers Energy and DTE, both intend to collect the surcharge.

In 2009, the legislature passed a series of bills that placed winter shutoff restrictions on municipal utilities. These bills place restrictions on performing winter shutoffs for certain customers. Eligible military customers, critical care customers, and senior citizens are provided certain shutoff protections by these bills. In addition, there are specific steps outlined that must be followed by the City to legally shut off a residential customer during the heating season (defined as November 1 through March 31). Due to the complexity of the legislation, the City's practice has been to restrict all residential shutoffs during the heating season. If the City elects to opt out of collecting the low income surcharge, we will not be permitted to shut off service to any residential customer from November 1 to April 15 for nonpayment of a delinquent account. Since we already limit winter shutoffs, utility operations will not be substantially changed if the City elects to opt out.

At the beginning of the past heating season, there was some confusion related to the types of assistance available to City electric customers. The Michigan Department of Human Services (DHS) denied State Emergency Relief (SER) funding to customers of any electric utility that elected to opt out of collecting the surcharge. The SER program is funded with federal Low Income Home Energy Assistance Program (LIHEAP) dollars and not through the LIEAF program. DHS determined that City customers seeking SER funding were not in threat of shutoff and ineligible to receive SER funds.

The \$50 million collected through the LIEAF program is distributed to customers via the Michigan Energy Assistance Program established by Public Act 615 of 2012. The purpose of the Michigan Energy Assistance Program is to implement preventative programs designed to help low-income customers reach energy self-sufficiency. This program distributes \$50 million of LIEAF money and \$40 million in LIHEAP funds via grants to 14 various entities. South Haven electric customers are eligible to seek assistance from the following six agencies providing services in Van Buren County:

Bureau of Community Action and Economic Opportunity
Michigan Community Action Agency Association
The Salvation Army
SEMCO Energy Gas Company
The Heat and Warmth Fund
True North Community Services

During the 2013-2014 heating season, 14 municipal electric utilities elected to collect the surcharge while 27 elected to opt out. The Michigan Public Service Commission requires an annual filing on each utility's opt-out choice. If the City does not opt out, approximately \$100,000 will be paid to the state in the upcoming fiscal year.

Recommendation:

It is recommended that the City elect to opt out of collecting the low income surcharge as outlined in PA 95 of 2013. Shut offs to residential customers for nonpayment of a delinquent account will need to be suspended from November 1, 2014 to April 15, 2015.

The Board is requested to make a recommendation to City Council for review at their May 5, 2014 regular meeting.

Support Material:

2013 Senate Bill 0284
Legislative Analysis

**STATE OF MICHIGAN
97TH LEGISLATURE
REGULAR SESSION OF 2013**

**Introduced by Senators Nofs, Bieda, Caswell, Hopgood, Proos, Young, Anderson, Brandenburg, Jones,
Schuitmaker, Walker, Marleau and Pappageorge**

ENROLLED SENATE BILL No. 284

AN ACT to amend 1939 PA 3, entitled "An act to provide for the regulation and control of public and certain private utilities and other services affected with a public interest within this state; to provide for alternative energy suppliers; to provide for licensing; to include municipally owned utilities and other providers of energy under certain provisions of this act; to create a public service commission and to prescribe and define its powers and duties; to abolish the Michigan public utilities commission and to confer the powers and duties vested by law on the public service commission; to provide for the continuance, transfer, and completion of certain matters and proceedings; to abolish automatic adjustment clauses; to prohibit certain rate increases without notice and hearing; to qualify residential energy conservation programs permitted under state law for certain federal exemption; to create a fund; to provide for a restructuring of the manner in which energy is provided in this state; to encourage the utilization of resource recovery facilities; to prohibit certain acts and practices of providers of energy; to allow for the securitization of stranded costs; to reduce rates; to provide for appeals; to provide appropriations; to declare the effect and purpose of this act; to prescribe remedies and penalties; and to repeal acts and parts of acts," (MCL 460.1 to 460.11) by adding section 9t.

The People of the State of Michigan enact:

Sec. 9t. (1) The low-income energy assistance fund is created within the state treasury.

(2) The state treasurer may receive money or other assets from any source for deposit into the fund. The state treasurer shall direct the investment of the fund. The state treasurer shall credit to the fund interest and earnings from fund investments.

(3) Money in the fund at the close of the fiscal year shall remain in the fund and shall not lapse to the general fund.

(4) The department of licensing and regulatory affairs shall be the administrator of the fund for auditing purposes.

(5) Subject to the limitations imposed in this section, the department of human services shall expend money from the fund, upon appropriation, as provided in the Michigan energy assistance act, 2012 PA 615, MCL 400.1231 to 400.1236. The department of human services, in consultation with the public service commission, shall ensure that all money collected for the fund from a geographic area is returned, to the extent possible, to that geographic area.

(6) Subject to the limitations imposed in this subsection, the public service commission may, after an opportunity to comment, annually approve a low-income energy assistance funding factor no later than July 31 of each year for the subsequent fiscal year. The low-income energy assistance funding factor shall be the same across all customer classes and shall not exceed \$1.00. The amount used by the public service commission to calculate a low-income energy assistance funding factor during each fiscal year shall not exceed \$50,000,000.00 minus both the amount appropriated from the general fund in that fiscal year for home energy assistance and the amount remaining in the fund from the prior fiscal year. An electric utility, municipally owned electric utility, or cooperative electric utility that collects money under this subsection shall remit that money to the state treasurer for deposit in the fund on a monthly basis no later than 30 days

(39)

after the last day in each calendar month. The electric utility, municipally owned electric utility, or cooperative electric utility shall list the low-income energy assistance funding factor as a separate line item on each customer's bill.

(7) An electric utility, municipally owned electric utility, or cooperative electric utility may elect to not collect a low-income energy assistance funding factor under this section by annually filing a notice with the public service commission by July 1. Notwithstanding any other provision of this act, an electric utility, municipally owned electric utility, or cooperative electric utility that elects to not collect a low-income energy assistance funding factor under this section shall not shut off service to any residential customer from November 1 to April 15 for nonpayment of a delinquent account.

(8) An electric utility, municipally owned electric utility, or cooperative electric utility that does not opt out under subsection (7), or an association representing a municipally owned electric utility or cooperative electric utility that does not opt out under subsection (7), shall annually provide to the public service commission by July 1 the number of retail billing meters it serves in this state that are subject to the low-income energy assistance funding factor.

(9) Nothing in this act gives the public service commission the power to regulate a municipally owned electric utility.

(10) As used in this section:

(a) "Fund" means the low-income energy assistance fund created in subsection (1).

(b) "Low-income energy assistance funding factor" means a nonbypassable surcharge on each retail billing meter payable monthly by every customer receiving a retail distribution service from an electric utility, municipally owned electric utility, or cooperative electric utility that does not opt out under subsection (7), regardless of the identity of the customer's electric generation supplier. The low-income energy assistance funding factor shall not be charged on more than 1 residential meter per residential site.

This act is ordered to take immediate effect.

Carol Morey Viventi

Secretary of the Senate

Jay E. Randall

Clerk of the House of Representatives

Approved

.....
Governor

LOW-INCOME ENERGY ASSISTANCE PROGRAM

Mary Ann Cleary, Director
Phone: (517) 373-8080
<http://www.house.mi.gov/hfa>

Senate Bill 284 (Proposed H-1 Substitute)

Sponsor: Sen. Mike Nofs

House Committee: Energy and Technology

Senate Committee: Energy and Technology

Complete to 6-11-13

A REVISED SUMMARY OF PROPOSED H-1 SUBSTITUTE FOR SENATE BILL 284

Briefly, Senate Bill 284 would do the following:

- Create the Low-Income Energy Assistance Fund.
- Charge DHS with expending money from the Fund as provided in the Michigan Energy Assistance Act.
- Allow the MPSC to annually approve a low-income energy assistance funding factor (as a surcharge on an electric customer's bill) no greater than \$1 per month, and to cap the amount that could be collected each year.
- Allow an electric utility to opt out of the program, but then prohibit it from shutting off service to a residential customer from November 1 to April 15.
- Specify that the bill would not grant the MPSC power to regulate a municipally owned electric utility.

Senate Bill 284 would add Section 9t to Public Act 3 of 1939, which created the Michigan Public Service Commission (MPSC) and authorizes it to regulate public utilities (except municipally-owned utilities). The bill would create a long-term program to replace the now-defunct Low Income and Energy Efficiency Fund (LIEEF). In short, the bill would allow electric utilities to place a small surcharge (no more than \$1) on an electric customer's bill to generate funds to provide heating assistance to low-income individuals. (The bill would specify that nothing in PA 3 would give the MPSC the power to regulate a municipally owned electric utility.)

Low-Income Energy Assistance Fund

The Fund would be created in the state treasury, investments directed by the state treasurer, and money in the fund at the close of a fiscal year would remain and not lapse to the General Fund. The Department of Licensing and Regulatory Affairs would be the administrator of the fund for auditing purposes.

Subject to limitations imposed by the bill, the Department of Human Services (DHS) would expend money from the fund, upon appropriation, as provided in the Michigan Energy Assistance Act (Public Act 615 of 2012). DHS, in consultation with the MPSC, would have to ensure that all money collected for the fund from a geographic area be returned, to the extent possible, to that geographic area.

Low-Income Energy Assistance Funding Factor

After an opportunity to comment, the MPSC could annually approve a low-income energy assistance funding factor no later than July 31 of each year for the subsequent fiscal year. The term would be defined as a non-bypassable surcharge on each retail billing meter payable monthly by every customer receiving a retail distribution service from an electric utility, municipally owned electric utility, or cooperative electric utility that does not opt out under provisions of the bill, regardless of the identity of the customer's electric generation supplier. (In this sense, "retail" generally refers to an end user and thus includes both residential and commercial electric customers.) The LIEA funding factor could not be charged on more than one residential meter per residential site (for example, if a residential customer had a separate meter in a large garage or pole barn, only one LIEA funding factor would be attached to the monthly electric bill).

The LIEA funding factor would have to be the same across all customer classes and could not exceed \$1 per month. The amount used by the MPSC to calculate a LIEA funding factor during each fiscal year could not exceed \$50 million minus both the amount appropriated from the General Fund in that fiscal year for home energy assistance and the amount remaining in the fund from the prior fiscal year.

Electric Utilities Collections & Opt Out

The bill would allow an electric utility, municipally owned electric utility, or cooperative electric utility to collect money under the above provisions. Any of these utilities could also choose to opt out of collecting the LIEA funding factor. To opt out, the utility would have to annually file a notice with the MPSC by July 1. If a utility opted out, it could not shut off service to any residential customer from November 1 to April 15 for nonpayment of a delinquent account (generally speaking, shut-off for nonpayment is prohibited only for certain categories of customers, such as low-income, seniors, and persons with a disability).

If a utility collects the LIEA funding factor, the money must be remitted to the state treasurer on a monthly basis no later than 30 days after the last day in each calendar month. The utility would have to list the LIEA funding factor as a separate line item on each customer's bill. In addition, the utility, or an association representing a municipally owned electric utility or cooperative electric utility, would have to provide to the MPSC by July 1 the number of retail billing meters it serves in the state that are subject to the LIEA funding factor.

FISCAL IMPACT:

Senate Bill 284 would have a minimal fiscal impact on the Department of Human Services (DHS). The FY 2013-14 DHS budget appropriates \$60.0 million in low-income energy assistance funds for the new Michigan Energy Assistance Program (2012 PA 615), and this bill would provide the funding mechanism for up to \$50.0 million in low-income energy assistance funding¹. The Governor did request, and the Legislature

¹ Revenues drive the amount of funding available to appropriate, so the FY 2013-14 DHS budget would be overstating how much low-income energy assistance funding is available.

provided, 1.0 additional FTE funded with low-income energy assistance funds to administer the Michigan Energy Assistance Program.

Senate Bill 284 (H-1) would have a fiscal impact on the Michigan Public Service Commission (PSC) to the extent that the PSC would have to utilize staff to approve and oversee the collection of the Low-Income Energy Assistance (LIEA) Funding Factor and ensure, to the extent possible, that the revenue generated by the LIEA Funding Factor is expended for low-income energy assistance within the geographical area from which it was collected.² SB 284 (H-1) does not include a separate appropriation for the PSC to administer the LIEA program.³

SB 284 (H-1) would also have a nominal, yet indeterminate, fiscal impact on municipally-owned electric utilities to the extent that such utilities would either have to: 1) collect and remit revenue generated by the LIEA Funding Factor to the PSC on a monthly basis, or 2) annually file a notice with the PSC to opt out of the LIEA program and thus forfeit its ability to shut-off service to any residential customer during the heating season.

The PSC estimates that there are approximately 5.0 million electric customers in Michigan, with a roughly similar number of meters for the purposes of estimating a LIEA Funding Factor, and that the number of residential (i.e. single-family detached home) customers with more than one meter is negligible. Dividing the total annual amount, stipulated by SB 284 (H-1), that may be generated by the LIEA Funding Factor (\$50.0 million) by the estimated number of electric meters (5.0 million) in the state, results in a per customer LIEA Funding Factor of \$10 per year, or \$0.83 per month, assuming that no electric utilities opt out of collecting the LIEA Funding Factor.

Legislative Analyst: Susan Stutzky
Fiscal Analyst: Paul Holland
Kevin Koorstra

■ This analysis was prepared by nonpartisan House staff for use by House members in their deliberations, and does not constitute an official statement of legislative intent.

² It is not entirely clear by what means or with what statutory authority the PSC would be able to "ensure" that revenue generated by the LIEA Funding Factor was expended in area from which it was collected, since SB 284 (H-1) appropriates the LIEA Funding Factor revenue to the Department of Human Services (DHS) pursuant to 2012 PA 615. 2012 PA 615 does stipulate that, if DHS contracts with public or private entities to provide energy assistance, it shall do so in consultation with the PSC.

³ Under the now defunct Low-Income Energy Efficiency Fund program (LIEEF), administrative costs of the PSC were not supported with the LIEEF funds but rather with public utility assessments levied on utilities by the PSC under the Costs of Regulating Public Utilities act of 1972. The PSC did not separately account for the administrative costs of the LIEEF program which was administered by PSC staff who were also engaged in administering unrelated responsibilities. As of the date this analysis was prepared, the PSC has not provided an estimate of the costs to administer the LIEA program if SB 284 (H-1) is enacted.



City of South Haven

Agenda Item #13

Bid Number 2014-08: Application of
Biosolids to Farmland

Background Information:

The City of South Haven Wastewater Treatment Plant utilizes a process of sludge thickening and anaerobic digestion to treat liquid residue generated during the treatment of domestic sewage. The anaerobic digestion process utilizes bacteria in an oxygen-free environment to break down the residual sludge. Anaerobic digestion produces biogas, which is burned off in a waste flare, and effluent. The effluent is moved into the secondary digester for storage and consists of a biosolids liquid with a solids concentration of 2.3 to 2.5%.

The secondary digester has a storage volume of approximately 500,000 gallons. Historically, this tank is filled every three months. Once full, the biosolids must be pumped out of the tank and hauled away. The Michigan Department of Environmental Resources permits the biosolids to be applied to farmland as a fertilizer.

The process of pumping out the secondary digester, hauling the biosolids to farmland, and applying as a fertilizer has always been handled as a contractual service. The current three year contract with Synagro Central, LLC has been completed. As a result, Bid Package 2014-08 was issued to solicit quotations for biosolids hauling for the next thirty-six month period. On April 22, 2014, the City received three bids, tabulated as follows:

Bidder	Bio Tech Agronomics, Inc.	GroAmerica	Synagro Central, LLC
Unit Price, 2014	\$0.048/gallon	\$0.0305/gallon	\$0.0363/gallon
Unit Price, 2015	\$0.048/gallon	\$0.0310/gallon	\$0.0370/gallon
Unit Price, 2016	\$0.048/gallon	\$0.0315/gallon	\$0.0377/gallon
Unit Price, 2017	\$0.048/gallon	\$0.0325/gallon	\$0.0377/gallon

(Bids include unit prices per quarter. See attached bids for detailed quarterly pricing.)

GroAmerica of Grand Rapids, Michigan is the low bidder. During the past 12 month period, the City has paid \$0.0335/gallon plus a diesel fuel surcharge. Thus, the bid price from GroAmerica will result in a reduction in cost over the next three years. Staff has reviewed qualifications of GroAmerica and is confident that GroAmerica has the ability to adequately handle the City's biosolids application program.

Recommendation:

Approve a recommendation to City Council to award Bid Number 2014-08, Application of Biosolids to Farmland to GroAmerica of Grand Rapids, Michigan at the unit prices indicated on their submitted bid.

Support Material:

Bid 2014-08 – Application of Biosolids to Farmland

Bid – Bio Tech Agronomics, Inc.

Bid – GroAmerica

Bid – Synagro Central, LLC

CITY OF SOUTH HAVEN, MICHIGAN
INVITATION TO BID

BID NUMBER: 2014-08

Date: April 10, 2014

ITEM(S) REQUIRED: Application of Biosolids to Farmland

NOTICE TO BIDDERS: Sealed bids will be received until 2:00 P.M., Tuesday, April 22, 2014 in the Office of the Department of Public Works, 1199 8th Ave., South Haven, Michigan 49090 requesting quotations for supplying the City with item(s) and/or service(s) listed herein and as further specified. These bids will be publicly opened in the Department of Public Works Office, in the presence of bidders. All bidders and the public are invited and encouraged to attend the bid opening. After tabulation and review when required, bids will be presented to the City Council for award of contract.

HOW TO SUBMIT PROPOSAL: All bids shall be submitted in **sealed opaque envelopes, mailed** to the Department of Public Works, 1199 8th Ave., South Haven, Michigan 49090 OR **delivered** to the office of the Department of Public Works, 1199 8th Ave., South Haven, Michigan, and plainly marked on the outside of the envelope as follows:

BID NO: 2014-08

SEALED PROPOSAL FOR: Application of Biosolids to Farmland

Any bid that is transmitted to the City of South Haven's facsimile (fax) machine will be deemed **an invalid bid and will not be considered for review**. It will be the sole responsibility of the bidder to ensure that their proposal reaches the Office of the Department of Public Works, City of South Haven on or before the closing hour and date shown above.

PURPOSE OF BID: The City of South Haven intends to secure a source of supply for the specified item(s) and/or service(s) by considering (but not limited to) the following: lowest price, terms and length of warranty, prompt and convenient shipment, and service by the supplier to the City. Any failure on the part of the supplier or Contractor to comply with the ensuing conditions and specifications shall be reasons for termination of contract. The City reserves the right to make an award to the supplier where the product or service meets the specifications, terms and conditions and where the bid is considered by the City Council to be in the City's best interest.

Larry Halberstadt, PE
City Engineer
(269) 637-0770
lhalberstadt@south-haven.com

Bidder please read
CITY OF SOUTH HAVEN, MICHIGAN
GENERAL CONDITIONS, INSTRUCTIONS TO BIDDERS
AND INFORMATION FOR BIDDERS

1. SUBMISSIONS AND RECEIPT OF BIDS:
 - a. To receive consideration, proposals must be received prior to the specified time of opening as designated in the invitation.
 - b. Unless otherwise specified, bidders MUST use the proposal form furnished by the City. Failure to do so may cause bid to be rejected. Removal of any part of the bid proposal may invalidate the bid.
 - c. Bidder in ink MUST initial proposals having any erasures or corrections. Bids shall be signed in ink; all quotations shall be typewritten or filled in with pen and ink.
 - d. Separate proposals MUST be submitted on each bid reference number.
 - e. All sections of the proposal form must be completed in full. Failure to do so may invalidate the bid.

2. WARRANTIES FOR USAGE: Whenever a bid is sought seeking a source of supply for a specified period of time for materials or services, the quantities or usage shown are estimated ONLY. No guarantee or warranty is given or implied by the City as to the total amounts that may or may not be purchased from any resulting contracts. These quantities are for bidders information ONLY and will be used for tabulation and presentation of bid and the City reserves the right to increase or decrease quantities as required.

3. PRICES TO BE FIRM: Bidder warrants by virtue of bidding that prices, terms, and conditions quoted in his bid will be firm for acceptance for a period of sixty (60) days from the date of bid opening unless otherwise stated by the City or the bidder.

4. DELIVERY POINT: All items shall be delivered F.O.B. destination (i.e., at a specific City of South Haven address), and delivery costs and charges (if any) will be included in the bid price. Failure to do so may be cause for rejection of bid.

5. BRAND NAMES: If and wherever in the specifications a brand name, make, name of any manufacturer, trade name, or vendor catalog number is mentioned it is for the purpose of establishing a grade or quality of material only. Since the City does not wish to rule out other competition and equal brands or makes, the phrase OR EQUAL is added. However, if a product other than that specified is bid, it is the vendor's responsibility to name such a product within his bid and to prove to the City that said product is equal to that specified and to submit brochures, samples, and/or specifications in detail on item(s) bid. The City shall be the sole judge concerning the merits of bids submitted.

6. SAMPLES AND DEMONSTRATIONS: Evidence in the form of samples may be requested. Such samples are to be furnished after the date of bid opening only upon request of the City unless otherwise stated in the bid proposal. If samples should be requested, such samples must be received by the City no later than seven (7) days after formal request is made. When required, the City may request full demonstrations of any unit(s) bid prior to the award of any contract. Samples, when requested, must be furnished free of expense to the City and if not used in testing or destroyed, will upon request within thirty (30) days of bid award be returned at the bidder's expense.

7. QUALITY: All materials used for the manufacture or construction of any supplies, materials or equipment covered by this bid shall be new. The items bid must be new, the latest models, of the best quality, and highest-grade workmanship.

8. SIGNATURE REQUIRED: All quotations and proposals MUST be signed with the firm name and by an officer or employee having authority to bind the company or firm by his signature.
 9. ACCEPTANCE OF MATERIAL: The material delivered under this proposal shall remain the property of the seller until a physical inspection and actual usage of this material and/or services is made and thereafter accepted to the satisfaction of the City and must comply with the terms herein, and be fully in accord with specifications and of the highest quality. In the event the material and/or service supplied to the City is found to be defective or does not conform to specifications, the City reserves the right to cancel the order upon written notice to the seller and return the product to seller at the seller's expense.
 10. VARIATIONS TO SPECIFICATIONS: For purposes of evaluation, bidder MUST indicate any variances from our specifications, terms and/or conditions, no matter how slight. If variations are not stated in the proposal, it will be assumed that the product or service fully complies with our specifications, terms, and conditions.
 11. DELIVERY: Time will be of the essence for any orders placed as a result of this bid. Purchaser reserves the right to cancel such orders or any part thereof, without obligations, if delivery is not made at the time(s) specified on the proposal form.
 12. DEFAULT PROVISION: In case of default by the bidder or Contractor, the City of South Haven may procure the articles or services from other sources and hold the bidder or Contractor responsible for any excess costs occasioned or incurred thereby.
 13. PRICING/UNIT PRICES: Prices should be stated in units of quantity specified in the PROPOSAL FORM. In case of discrepancy in computing the amount of the bid, the unit price quoted will govern. Payment will be made based on the actual quantity of work completed, as measured by the City. The City will make no allowances for items not included in the proposal.
 14. PRICE CHANGES DURING CONTRACTS (when applicable): Consideration in awarding bids for yearly contracts will be given:
 - First to: Bidder offering firm prices subject to market price reduction.
 - Second to: Bidder offering firm prices for full contract period.
- If at any time during the period of this contract, the City of South Haven is able to purchase the items and/or services at prices less than our contract price, the successful bidder shall meet these prices and in the event of his failure to do so, the City may seek a new contract on the open market.
15. COPYRIGHTS & PATENT RIGHTS: Bidder warrants that there has been no violation of copyrights or patent rights in manufacturing, producing or selling the goods shipped or ordered as a result of this bid, and seller agrees to hold the purchaser harmless from any and all liability, loss, or expense occasioned by such violation.
 16. SAFETY STANDARDS: The bidder warrants that the product supplied to the City conforms in all respects to the standards set forth in the Occupational Safety and Health Act of 1970 and its amendments and the failure to comply with this condition will be considered a breach of contract.
 17. TAXES: The City of South Haven is exempt from any taxes imposed by the State and/or Federal Government.
 18. FAILURE TO QUOTE: If you do not quote, please return quotation sheet, state reason thereon, and request that your name be retained on our mailing list, otherwise, your name may be removed from our bid mailing list.

19. MANUFACTURER'S CERTIFICATION: The City of South Haven reserves the right to request from bidders separate manufacturer certification of all statements made in the proposal.
20. SIGNED BID CONSIDERED AN OFFER: This signed bid shall be considered an offer on the part of the bidder or Contractor, which offer shall be deemed acceptable upon approval by the City Council of the City of South Haven and in case of a default on the part of the bidder or Contractor after such acceptance, the City of South Haven may take such action as it deems appropriate including legal action for damages or specific performance.
21. LIABILITY, INSURANCE, LICENSES AND PERMITS: Where bidders are required to enter or go onto City of South Haven property to deliver materials or perform work or services as a result of bid award, the bidder will assume the full duty, obligation and expense of obtaining all necessary licenses, permits, and insurance when required. The bidder shall be liable for any damages or loss to the City occasioned by negligence of the bidder (or his agent) or any person the bidder has designated in the completion of his contract as a result of his bid.

Prior to execution of contract, the Bidder shall provide to the City of South Haven, certificates and polices for Insurance Coverage as follows:

- A. Workers' Compensation Insurance: The Bidder shall procure and maintain during the life of this contract, Workers' Compensation Insurance, including Employers' Liability Coverage, in accordance with all applicable statutes of the State of Michigan.
 - B. Commercial General Liability Insurance: The Bidder shall procure and maintain during the life of this contract, Commercial General Liability Insurance on an "Occurrence Basis" with limits of liability not less than \$3,000,000.00 per occurrence and aggregate. Coverage shall include the following extensions: (A) Contractual Liability; (B) Products and Completed Operations; (C) Independent Contractors Coverage; (D) Broad Form General Liability Extensions or equivalent; if not already included; (E) Deletion of all Explosion, Collapse, and Underground (XCU) Exclusions, if applicable.
 - C. Motor Vehicle Liability: The Bidder shall procure and maintain during the life of this contract Motor Vehicle Liability Insurance, including Michigan No-Fault Coverage, with limits of liability not less than \$3,000,000.00 per occurrence combined single limit for Bodily Injury, and Property Damage. Coverage shall include all owned vehicles, all non-owned vehicles, and all hired vehicles.
 - D. Additional Insured: Commercial General Liability and Motor Vehicle Liability, as described above, shall include an endorsement naming the City of South Haven as *Additional Insured*. It is understood and agreed by naming the City of South Haven as additional insured, coverage afforded is considered to be primary and any other insurance the City of South Haven may have in effect shall be considered secondary and/or excess.
 - E. Cancellation Notice: Workers' Compensation Insurance, Commercial General Liability Insurance, and Motor Vehicle Liability Insurance, as described above, shall include an endorsement stating the following: "It is understood and agreed that Thirty (30) days Advance Written Notice of Cancellation, Non-Renewal, Reduction, and/or Material Change in Coverage or Ten (10) days notice for non-payment of premium shall be sent to: Mr. Roger C. Huff, City of South Haven, 1199 8th Avenue, South Haven, MI, 49090."
22. RESERVATIONS FOR REJECTION AND AWARD: The City of South Haven reserves the right to accept or reject any or all bids or parts of bids, to waive irregularities and technicalities, to accept variances to the terms of the specifications or to the general conditions or to request rebids on the required materials. The City also reserves the right to award the contract on such material the City deems will best serve its interests. It further reserves the right to award the contract on a split order basis, lump sum, or individual item basis, or such combination as shall best serve the interest of the City unless otherwise stated. The City also reserves the right to

waive variations to specifications (interpretation of variances will be made by applicable City personnel).

23. CONTRACT: For contractual services, bidders MUST enter into a formal contract with the City of South Haven.

24. BONDS/SECURITY:

Bonds/Security for this bid will be required as follows:

- a) No bonds are required for this bid.
- b) A bid bond in the amount of 5% of the bid is required. Bid bonds shall be issued by a Surety named in the US Treasury Circular 570 licensed to conduct business in the State of Michigan. Bid Security from each bidder on the work shall be a bond or bonds written by a single Surety. The bid security of the successful bidder will be retained until the agreement is executed. The form of the Bid Bond, if required, is attached hereto. The Bid Security accompanying this bid is in the following form:

Surety Bid Bond	_____
Certified Check	_____
Bank Drafts	_____
Cashier's Check	_____

- c) A Performance Bond in the full amount of the total bid will be required prior to the issuance of the Notice to Proceed. The form of the Performance Bond, if required, is attached hereto.
- d) A Payment Bond in the amount of the total bid will be required prior to the issuance of the Notice to Proceed. The form of the Payment Bond is attached hereto.
- e) The Contractor's Affidavit of Completion will be required prior to the final payment. The form of the Contractor's Affidavit of Completion, if required, is attached hereto.

**Bid must be submitted on this Form
CITY OF SOUTH HAVEN, MICHIGAN
PROPOSAL FORM**

BID NUMBER: 2014-08

ITEM(S) REQUIRED: Application of Biosolids to Farmland

Section 1. BID PRICES

Having carefully examined the bid specifications contained herein, and having carefully read the "GENERAL CONDITIONS, INSTRUCTIONS TO BIDDERS AND INFORMATION FOR BIDDERS"; the Bidder proposes to provide the specified service(s) at the below listed unit price(s) stated subject to all instructions, conditions, specifications and all attachments hereto.

<u>1st. Year - 2014</u>	<u>Estimated Maximum Volume</u>	<u>Unit Price (gallon)</u>
Beginning June 1 st , 2014	500,000 gallons	\$ _____
Beginning September 1 st , 2014	500,000 gallons	\$ _____
Beginning December 1 st , 2014	500,000 gallons	\$ _____
 <u>2nd. Year - 2015</u>		
Beginning March 1 st , 2015	500,000 gallons	\$ _____
Beginning June 1 st , 2015	500,000 gallons	\$ _____
Beginning September 1 st , 2015	500,000 gallons	\$ _____
Beginning December 1 st , 2015	500,000 gallons	\$ _____
 <u>3rd. Year - 2016</u>		
Beginning March 1 st , 2016	500,000 gallons	\$ _____
Beginning June 1 st , 2016	500,000 gallons	\$ _____
Beginning September 1 st , 2016	500,000 gallons	\$ _____
Beginning December 1 st , 2016	500,000 gallons	\$ _____
 <u>4th. Year - 2017</u>		
Beginning March 1 st , 2017	500,000 gallons	\$ _____

Section 2. VARIANCES

State any variations to specifications, terms, and/or conditions, no matter how slight:

Section 3. MEASUREMENT AND PAYMENT

The volume of biosolids hauled must be verified by City staff with truck loading reports submitted daily to City staff. Invoices shall be submitted to the City based on the actual volume of biosolids applied to farmland. The City will pay all invoices within thirty (30) days after receipt of invoice.

Section 4. BONDS/SECURITY

The types and amounts of bonds or security required (if any) are stated in the GENERAL CONDITIONS, INSTRUCTIONS TO BIDDERS AND INFORMATION TO BIDDERS.

Section 5. BIDDER CERTIFICATION

The Bidder certifies the Bid Price is correct and complete and that all information given or furnished is correct, complete and submitted as intended. The Bidder waives any right to refuse to execute the Contract if awarded to him or be relieved from any obligation by reason of any errors, mistakes or omissions, subject to right of withdrawal of Bid.

The undersigned, as Bidder, hereby certifies that they or a qualified designated person in their employ have examined the Contract Documents provided by the City for bidding purposes.

Section 6. ANTI-COLLUSION STATEMENT

The Bidder certifies that this Bid is fair, genuine and not collusive or sham, and has not in any manner, directly or indirectly, agreed or colluded with any other person, firm or association to submit a sham Bid, to refrain from bidding, or in any way to fix the amount of this Bid or that of any other Bidder, or to secure any advantage against the City. If an officer or employee of the City is personally or financially interested, directly or indirectly, in this Bid, notation of such must be made in SECTION 2. VARIANCES. Furthermore, such Bidder shall file with the City Clerk a statement, under oath, setting forth the nature of such business dealings, and his interest therein. The statement shall be filed with the City Clerk not less than ten (10) days before the date when action may be taken by the City Council upon the matter involved. Failure to comply with this section may be cause for rejection of Bid. NOTE: No premiums, rebates or gratuities are permitted either with, prior to, or after any delivery of materials.

Section 7. ADDRESS

If Purchase Order and/or payment are to be mailed to other than address shown below, please complete the following:

MAIL PURCHASE ORDER TO:

MAIL PAYMENT TO:

Section 8. BID SIGNATURE

This Bid is submitted in the name of: _____
Company

Street City State Zip Code Phone

For the stated conditions and price(s), the Undersigned submits this Bid:

Signed this _____ day of _____, 2014

BY _____
(Signature)

(Name Printed)

(Title)

(Telephone Number)

Bidder please read
CITY OF SOUTH HAVEN, MICHIGAN
TECHNICAL REQUIREMENTS

BID NUMBER: 2014-08

ITEM(S) REQUIRED: Application of Biosolids to Farmland

Section 1. BIOSOLIDS MANAGEMENT PLAN

The Contractor will prepare a Biosolids Management Plan for the application of liquid biosolids to farmland. The Plan must include the latest regulations as required by federal, state, and local agencies for liquid biosolids application. The Biosolids Management Plan will be submitted to the City for review (60) days prior to the first scheduled hauling. If modifications to the Biosolids Management Plan are required during the contract period, they shall be submitted in a timely manner to ensure continued compliance with all federal, state, and local rules, regulations, and requirements.

P.E.R.M. Requirements. In accordance with the Wastewater Treatment Plant (WWTP) NPDES Permit, the Contractor will provide all necessary information and assist with the development of the Program for Effective Residuals Management.

Locate and Identify Primary and Secondary Land sites. Based on the Biosolids Management Plan, the Contractor will locate and identify potential application sites. First priority will be given to the owners of land sites which have participated in City biosolids hauling program in the past. The Contractor will obtain a variety of sites that can be used during all four seasons of the year. A summary report will be prepared which identifies and rates each site found according to its suitability. Consideration will be given in locating sites to minimize hauling distances. An agreement signed by the land owner will be required for securing approval to apply biosolids to all farmland.

Technical Site Evaluation. Once sites are located, a technical evaluation will be accomplished. This evaluation will address itself to (1) soil types, (2) drainage, (3) access, (4) surface and ground water condition, (5) isolation and screening, (6) modifications needed to prepare the site to receive biosolids, (7) soil analysis, (8) land use, and (9) calculated biosolids application rates.

Site Approval Procedures. The Contractor will be responsible for submitting to the federal, state, and local agencies all technical and specific site recommendations for approval **before** any biosolids are applied.

Section 2. HAULING

The Contractor will be required to haul and dispose of up to 500,000 gallons of anaerobically digested biosolids every three months. The solids concentrations in the biosolids can vary from 2.3 to 2.5%. The biosolids is stored in the secondary digester which has a total volume of 500,000 gallons. The Contractor is responsible for pumping biosolids out of the digester into the trucks used for hauling.

The schedule for biosolids hauling and disposal under this contract is as follows:

<u>1st. Year - 2014</u>	<u>Estimated Maximum Volume</u>
Beginning June 1 st , 2014	500,000 gallons
Beginning September 1 st , 2014	500,000 gallons
Beginning December 1 st , 2014	500,000 gallons
<u>2nd. Year - 2015</u>	
Beginning March 1 st , 2015	500,000 gallons
Beginning June 1 st , 2015	500,000 gallons
Beginning September 1 st , 2015	500,000 gallons

Beginning December 1st, 2015 500,000 gallons

3rd. Year - 2016

Beginning March 1st, 2016 500,000 gallons

Beginning June 1st, 2016 500,000 gallons

Beginning September 1st, 2016 500,000 gallons

Beginning December 1st, 2016 500,000 gallons

4th. Year - 2017

Beginning March 1st, 2017 500,000 gallons

TOTAL 6,000,000 gallons

The Contractor will be required to remove between 400,000 and 500,000 of biosolids within 14 days of the beginning of each period. The Contractor will notify the City within 5 days of the beginning of the period if they cannot meet this schedule, and the date they expect to start hauling and complete hauling. The completion date for hauling will not be extended more than 30 days after the beginning of a period.

This estimated removal volume is based on previous removal rates. Lesser quantities may be required to be removed if the digester begins to cone out or poor quality biosolids are being removed. Higher quantities may be required to be removed if digester system becomes overloaded. Biosolids withdrawn from the secondary digester will be at a rate that will not upset the normal digesting process.

The Contractor will be required to supply adequate pumping equipment to fully complete the pumping operation.

Section 3. DISPOSAL

Disposal will be done in accordance with the Biosolids Management Plan and only on approved farmland.

The Contractor shall perform required testing and sampling, and follow all applicable State of Michigan and Federal regulations regarding biosolids handling and biosolids management criteria.

All equipment must be licensed by the State of Michigan.

**Bid must be submitted on this Form
CITY OF SOUTH HAVEN, MICHIGAN
PROPOSAL FORM**

BID NUMBER: 2014-08

ITEM(S) REQUIRED: Application of Biosolids to Farmland

Section 1. BID PRICES

Having carefully examined the bid specifications contained herein, and having carefully read the "GENERAL CONDITIONS, INSTRUCTIONS TO BIDDERS AND INFORMATION FOR BIDDERS"; the Bidder proposes to provide the specified service(s) at the below listed unit price(s) stated subject to all instructions, conditions, specifications and all attachments hereto.

<u>1st. Year - 2014</u>	<u>Estimated Maximum Volume</u>	<u>Unit Price (gallon)</u>
Beginning June 1 st , 2014	500,000 gallons	\$ 0.048
Beginning September 1 st , 2014	500,000 gallons	\$ 0.048
Beginning December 1 st , 2014	500,000 gallons	\$ 0.048
<u>2nd. Year - 2015</u>		
Beginning March 1 st , 2015	500,000 gallons	\$ 0.048
Beginning June 1 st , 2015	500,000 gallons	\$ 0.048
Beginning September 1 st , 2015	500,000 gallons	\$ 0.048
Beginning December 1 st , 2015	500,000 gallons	\$ 0.048
<u>3rd. Year - 2016</u>		
Beginning March 1 st , 2016	500,000 gallons	\$ 0.048
Beginning June 1 st , 2016	500,000 gallons	\$ 0.048
Beginning September 1 st , 2016	500,000 gallons	\$ 0.048
Beginning December 1 st , 2016	500,000 gallons	\$ 0.048
<u>4th. Year - 2017</u>		
Beginning March 1 st , 2017	500,000 gallons	\$ 0.048

Section 2. VARIANCES

State any variations to specifications, terms, and/or conditions, no matter how slight:

Current insurance listed as per existing limits. Sample of certificate
attached for exhibit.

Section 3. MEASUREMENT AND PAYMENT

The volume of biosolids hauled must be verified by City staff with truck loading reports submitted daily to City staff. Invoices shall be submitted to the City based on the actual volume of biosolids applied to farmland. The City will pay all invoices within thirty (30) days after receipt of invoice.

Section 4. BONDS/SECURITY

The types and amounts of bonds or security required (if any) are stated in the GENERAL CONDITIONS, INSTRUCTIONS TO BIDDERS AND INFORMATION TO BIDDERS.

Section 5. BIDDER CERTIFICATION

The Bidder certifies the Bid Price is correct and complete and that all information given or furnished is correct, complete and submitted as intended. The Bidder waives any right to refuse to execute the Contract if awarded to him or be relieved from any obligation by reason of any errors, mistakes or omissions, subject to right of withdrawal of Bid.

The undersigned, as Bidder, hereby certifies that they or a qualified designated person in their employ have examined the Contract Documents provided by the City for bidding purposes.

Section 6. ANTI-COLLUSION STATEMENT

The Bidder certifies that this Bid is fair, genuine and not collusive or sham, and has not in any manner, directly or indirectly, agreed or colluded with any other person, firm or association to submit a sham Bid, to refrain from bidding, or in any way to fix the amount of this Bid or that of any other Bidder, or to secure any advantage against the City. If an officer or employee of the City is personally or financially interested, directly or indirectly, in this Bid, notation of such must be made in SECTION 2. VARIANCES. Furthermore, such Bidder shall file with the City Clerk a statement, under oath, setting forth the nature of such business dealings, and his interest therein. The statement shall be filed with the City Clerk not less than ten (10) days before the date when action may be taken by the City Council upon the matter involved. Failure to comply with this section may be cause for rejection of Bid. NOTE: No premiums, rebates or gratuities are permitted either with, prior to, or after any delivery of materials.

Section 7. ADDRESS

If Purchase Order and/or payment are to be mailed to other than address shown below, please complete the following:

MAIL PURCHASE ORDER TO:

MAIL PAYMENT TO:

BioTech Agronomics, Inc.
1651 Beulah Highway
Beulah, Michigan 49617

Same

Section 8. BID SIGNATURE

This Bid is submitted in the name of: BioTech Agronomics, Inc.
Company

1651 Beulah Highway Beulah, Michigan 49617 231-882-7219
Street City State Zip Code Phone

For the stated conditions and price(s), the Undersigned submits this Bid:

Signed this 17th day of April, 2014

BY 
(Signature)

Philip A. Hoyt
(Name Printed)

General Mgr. / Corporate Secretary
(Title)

231-882-7219
(Telephone Number)

**Bid must be submitted on this Form
CITY OF SOUTH HAVEN, MICHIGAN
PROPOSAL FORM**

BID NUMBER: 2014-08

ITEM(S) REQUIRED: Application of Biosolids to Farmland

Section 1. BID PRICES

Having carefully examined the bid specifications contained herein, and having carefully read the "GENERAL CONDITIONS, INSTRUCTIONS TO BIDDERS AND INFORMATION FOR BIDDERS"; the Bidder proposes to provide the specified service(s) at the below listed unit price(s) stated subject to all instructions, conditions, specifications and all attachments hereto.

<u>1st. Year - 2014</u>	<u>Estimated Maximum Volume</u>	<u>Unit Price (gallon)</u>
Beginning June 1 st , 2014	500,000 gallons	\$ <u>.0305</u>
Beginning September 1 st , 2014	500,000 gallons	\$ <u>.0305</u>
Beginning December 1 st , 2014	500,000 gallons	\$ <u>.0305</u>
 <u>2nd. Year - 2015</u>		
Beginning March 1 st , 2015	500,000 gallons	\$ <u>.031</u>
Beginning June 1 st , 2015	500,000 gallons	\$ <u>.031</u>
Beginning September 1 st , 2015	500,000 gallons	\$ <u>.031</u>
Beginning December 1 st , 2015	500,000 gallons	\$ <u>.031</u>
 <u>3rd. Year - 2016</u>		
Beginning March 1 st , 2016	500,000 gallons	\$ <u>.0315</u>
Beginning June 1 st , 2016	500,000 gallons	\$ <u>.0315</u>
Beginning September 1 st , 2016	500,000 gallons	\$ <u>.0315</u>
Beginning December 1 st , 2016	500,000 gallons	\$ <u>.0315</u>
 <u>4th. Year - 2017</u>		
Beginning March 1 st , 2017	500,000 gallons	\$ <u>.0325</u>

Section 2. VARIANCES

State any variations to specifications, terms, and/or conditions, no matter how slight:

None

Section 3. MEASUREMENT AND PAYMENT

The volume of biosolids hauled must be verified by City staff with truck loading reports submitted daily to City staff. Invoices shall be submitted to the City based on the actual volume of biosolids applied to farmland. The City will pay all invoices within thirty (30) days after receipt of invoice.

Section 4. BONDS/SECURITY

The types and amounts of bonds or security required (if any) are stated in the GENERAL CONDITIONS, INSTRUCTIONS TO BIDDERS AND INFORMATION TO BIDDERS.

Section 5. BIDDER CERTIFICATION

The Bidder certifies the Bid Price is correct and complete and that all information given or furnished is correct, complete and submitted as intended. The Bidder waives any right to refuse to execute the Contract if awarded to him or be relieved from any obligation by reason of any errors, mistakes or omissions, subject to right of withdrawal of Bid.

The undersigned, as Bidder, hereby certifies that they or a qualified designated person in their employ have examined the Contract Documents provided by the City for bidding purposes.

Section 6. ANTI-COLLUSION STATEMENT

The Bidder certifies that this Bid is fair, genuine and not collusive or sham, and has not in any manner, directly or indirectly, agreed or colluded with any other person, firm or association to submit a sham Bid, to refrain from bidding, or in any way to fix the amount of this Bid or that of any other Bidder, or to secure any advantage against the City. If an officer or employee of the City is personally or financially interested, directly or indirectly, in this Bid, notation of such must be made in SECTION 2. VARIANCES. Furthermore, such Bidder shall file with the City Clerk a statement, under oath, setting forth the nature of such business dealings, and his interest therein. The statement shall be filed with the City Clerk not less than ten (10) days before the date when action may be taken by the City Council upon the matter involved. Failure to comply with this section may be cause for rejection of Bid. NOTE: No premiums, rebates or gratuities are permitted either with, prior to, or after any delivery of materials.

Section 7. ADDRESS

If Purchase Order and/or payment are to be mailed to other than address shown below, please complete the following:

MAIL PURCHASE ORDER TO:

Gro America

612 North Avenue

Grand Rapids, Michigan 49503

MAIL PAYMENT TO:

Gro America

612 North Avenue

Grand Rapids, Michigan 49503

Section 8. BID SIGNATURE

This Bid is submitted in the name of: Gro America
Company

<u>612 North Ave</u>	<u>Grand Rapids</u>	<u>Michigan</u>	<u>49503</u>	<u>616-855-0188</u>
<i>Street</i>	<i>City</i>	<i>State</i>	<i>Zip Code</i>	<i>Phone</i>

For the stated conditions and price(s), the Undersigned submits this Bid:

Signed this 22nd day of April, 2014

BY 
(Signature)

Henry R. Rosendall

(Name Printed)

Managing Member

(Title)

616-855-0188

(Telephone Number)

Proof of Responsibility:

Gro America
612 North Ave
Grand Rapids, Michigan 49503
616-855-0188 Ph.
616-454-9254 fax
jr@groamericainc.com

Incorporation Date: August 8, 2011
Incorporation State: Michigan
States Registered: Wisconsin, Minnesota, Iowa, Illinois, Indiana, Ohio, Missouri, New York, Kentucky, Nebraska

Current WWTP Projects:

John Stuparits
City of Grand Haven
1525 Washington St.
Grand Haven, Michigan 49417
616-847-3485

**Program Management and Land
Application Services**
Contract Amount \$225,000.00

State of Michigan
Department of Technology, Management & Budget
7150 Harris Dr.
Lansing, Michigan 48909
517-284-7900

Dredging & Land Application Services
Prime Contractor
Contract Amount \$137,950.00

Completed WWTP projects:

Pat Rivera
Mackinaw City WWTP
102 S. Huron Ave
Mackinaw City, MI 49701
231-818-5615

Program Management
Mechanical Dredging, Hydraulic
Dredging, Pumping Dewatering
Land Application Services
Contract Amount \$169,675.00

Mr. Vivek Singh
Muskegon County WWTP
141 East Apple Ave
Muskegon, Michigan 49442
231-724-6281

Dredging Services
Prime Contractor
Contract Amount \$ 125,000.00

Mr. Joseph Goergen
Genesee County Div. of Water & Waste Services
G-4610 Beecher Rd.
Flint, Michigan 48532

Program Management
Land Application Services
Prime Contractor
Annual Contract \$875,000.00

Ms. Jennifer Hodges (City of Clare)
Gourdie Fraser and Assoc.
123 West Front St.
Traverse City, MI
231-946-5874

Program Management
Land Application
Prime Contractor
Contract Amount \$52,000.00

Rob Kaliniak (Village of Bloomingdale)
Davis Construction
456 Plymouth NE
Grand Rapids, MI 49505
616-456-0059

Program Management
Dewatering, Mechanical Dredging,
Pumping Services
Land Application Services
Contract Amount \$190,750.00

Bob Wilcox (Village of Edmore)
Flies & Vandenbrink
2960 Lucern Dr.
Grand Rapids, MI 49546
616-977-1000 ph.

Program Management
Dredging, Land Application
Land Application Services

As current owners of Gro America, and past owners of National Resource Recovery we have successfully completed hundreds of land application, dewatering and dredge projects in Michigan, Ohio, and Wisconsin over the years. The team at Gro America collectively, has decades of experience in the dredging and residual management business.

**Bid must be submitted on this Form
CITY OF SOUTH HAVEN, MICHIGAN
PROPOSAL FORM**

BID NUMBER: 2014-08

ITEM(S) REQUIRED: Application of Biosolids to Farmland

Section 1. BID PRICES

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<u>1st. Year - 2014</u>	<u>Estimated Maximum Volume</u>	<u>Unit Price (gallon)</u>
Beginning June 1 st , 2014	500,000 gallons	\$ <u>0.0363</u>
Beginning September 1 st , 2014	500,000 gallons	\$ <u>0.0363</u>
Beginning December 1 st , 2014	500,000 gallons	\$ <u>0.0363</u>
 <u>2nd. Year - 2015</u>		
Beginning March 1 st , 2015	500,000 gallons	\$ <u>0.0363</u>
Beginning June 1 st , 2015	500,000 gallons	\$ <u>0.0370</u>
Beginning September 1 st , 2015	500,000 gallons	\$ <u>0.0370</u>
Beginning December 1 st , 2015	500,000 gallons	\$ <u>0.0370</u>
 <u>3rd. Year - 2016</u>		
Beginning March 1 st , 2016	500,000 gallons	\$ <u>0.0370</u>
Beginning June 1 st , 2016	500,000 gallons	\$ <u>0.0377</u>
Beginning September 1 st , 2016	500,000 gallons	\$ <u>0.0377</u>
Beginning December 1 st , 2016	500,000 gallons	\$ <u>0.0377</u>
 <u>4th. Year - 2017</u>		
Beginning March 1 st , 2017	500,000 gallons	\$ <u>0.0377</u>

Section 2. VARIANCES

State any variations to specifications, terms, and/or conditions, no matter how slight:

None

Section 3. MEASUREMENT AND PAYMENT

The volume of biosolids hauled must be verified by City staff with truck loading reports submitted daily to City staff. Invoices shall be submitted to the City based on the actual volume of biosolids applied to farmland. The City will pay all invoices within thirty (30) days after receipt of invoice.

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Section 7. ADDRESS

If Purchase Order and/or payment are to be mailed to other than address shown below, please complete the following:

MAIL PURCHASE ORDER TO:

Synagro Central, LLC

435 Williams Ct, Ste 100

Baltimore, MD 21220

MAIL PAYMENT TO:

Synagro Technologies, Inc

7773 Solution Center

Chicago, IL 60677-7007

Section 8. BID SIGNATURE

This Bid is submitted in the name of: Synagro Central, LLC
Company

<u>435 Williams Ct, Ste 100</u>	<u>Baltimore, MD</u>	<u>21220</u>	<u>443-489-9000</u>
Street	City	State	Phone

For the stated conditions and price(s), the Undersigned submits this Bid:

Signed this 21st day of April, 2014

BY 
(Signature)

Michael Schwartz
(Name Printed)

Vice President
(Title)

443-489-9000
(Telephone Number)



City of South Haven

Agenda Item #14

2014-2015 Fiscal Year Budget Enterprise Funds

Background Information:

Over the past four months, staff has been working on development of the annual budget for the 2014-2015 fiscal year (July 1, 2014 through June 30, 2015). The budget process typically starts with a priority setting meeting with Council. The adopted priorities then guide the development of the budget.

On April 14, 2014, Council completed a budget workshop. At that workshop, Council was provided a draft of the budget for the electric, water, and sewer funds. Council was presented the draft budget for these enterprise funds with the understanding that the Board had not yet reviewed the budget.

The budget for the electric fund includes the capital improvement priorities previously identified by the Board, including:

- Installation of a second 69kV to 12.5kV transformer at the Phoenix Road Substation
- Completion of the third and fourth 12.5kV circuits from the Phoenix Road Substation
- Continued construction of the "Core City" secondary electric upgrades

The budget for the water and sewer funds includes capital improvements along Dyckman Avenue between North Shore Drive and the bascule bridge over the Black River, to be constructed during the off peak season (October 2014 to May 2015).

The proposed budget prepared by the Finance Director recommends a 2% water rate increase and a 4% sewer rate increase. With the exception of the energy optimization surcharge, electric rates will remain unchanged for the fifth consecutive year.

Recommendation:

Approve a recommendation to City Council that they adopt the proposed electric, water, and sewer enterprise fund budget as prepared by staff.

Approve a recommendation to City Council setting utility rates for the 2014-2015 fiscal year.

Support Material:

2014-2015 City Council Priorities
2014-2015 Proposed Budget – Enterprise Funds

City Council Priorities Fiscal Year 2014-15

Priority #1; Street Repairs

- City Council will focus on the planning and execution of as many paving projects as possible, throughout the city. The following tasks will be completed:
 - During the 2014-15 fiscal year Council will work with staff and the Downtown Development Authority to complete the construction of the Phoenix Street reconstruction project.
 - During the 2014-15 fiscal year Council will work with staff and the Downtown Development Authority to plan and complete the reconstruction of Kentucky Avenue.
 - During the 2014-15 fiscal year Council will work with staff to implement the planned repairs for the city's bascule bridge on Dyckman Avenue.
 - During the 2014-15 fiscal year Council will work with staff and consulting engineers on the construction planning and financial planning for the implementation of the Indian Grove infrastructure improvement (e.g. Monroe, Lovejoy, and Kalamazoo Streets) project.
 - Utilizing the grant funding provided by the State of Michigan, through the SRF program, for the Indian Grove infrastructure improvement project, the City will ensure the sanitary sewer system planning is complete and future capital projects will maximize benefit to the sewers.
 - During the 2014-15 fiscal year Council will work with staff to execute paving projects in the 2014 paving season and begin planning for 2015-16 projects.
 - The City will identify a "mix of fixes" and invest in both the resurfacing and the reconstruction of streets. The City will identify the publicly controlled alleys, and will plan and implement necessary maintenance and improvements to those alleyways. As part of these investments, the City will prioritize the street reconstruction of portions of Kalamazoo Street and Kentucky Avenue. And will also prioritize street repair efforts on portions of Brockway Avenue, Francis Street, and Ravinia Drive.

Priority #2; Economic Development

- City Council will seek to participate in Economic Development efforts for the City of South Haven. The following tasks will be completed:

- During the 2014-15 fiscal year Council will work with staff and the Local Development Finance Authority (LDFA) to redevelop the recently acquired industrial site at 220 Aylworth.
- During the 2014-15 fiscal year Council will work with staff, local businesses and stake holders to encourage, attract, and maintain local businesses and opportunities.
 - The City will attempt to attract and develop agriculture based businesses and industry within the South Haven community.
 - The City will review the current special events and consider new special events, in an attempt to ensure that special events generate a positive economic impact for local businesses, and seek to improve the quality of life of community residents and visitors.
- During the 2014-15 fiscal year Council will focus on continuing to explore and enact partnership opportunities with the local units of government which surround the City of South Haven.
- During the 2014-15 fiscal year Council will focus on supporting training initiatives/internships for existing and potential citizens and businesses in the City of South Haven, and will attempt to finalize a partnership with Kinexus/MiWorks, in an attempt to provide local job placement services.
- During the 2014-15 fiscal year Council will refine policies and programs which encourage, whenever fiscally prudent, the purchase of local goods and services.
- During the 2014-15 fiscal year Council will work with staff to develop a plan for the future of the city's dump site, located at Blue Star Hwy and 2nd Avenue.
- During the 2014-15 fiscal year Council will work with staff to monitor the Meijer commercial development, along with the potential development of the adjacent properties, and their effects on the surrounding neighborhoods.

Priority #3; Parks & Public Spaces

- City Council will seek to improve, maintain, and seek funding opportunities for the city's parks and public facilities. The City Council will seek to develop new recreation opportunities within the city. The following tasks will be completed:
 - During the 2014-15 fiscal year Council will work with staff to complete the planning and submit grant funding requests for the proposed improvements to the city's North Beach Park.
 - Maintenance of the city's various beach access points will be a priority.

- Complete the planning for the proposed “splash pad” water park and begin financial planning for the project.
- During the 2014-15 fiscal year Council will work with staff to complete the additional improvements to the grant funded capital improvements at Elkenburg Park. Those improvements include the addition of playground equipment, seating, and other amenities.
- During the 2014-15 fiscal year Council will work with staff to seek grant funds to assist with the planning and development of improvements in and near the Black River Park. Those improvements should allow greater access to the Black River and attempt to improve water quality.
 - The Council will seek to fund improvements to the river front at Black River Park.
 - The Council will seek grant funding for the proposed fish cleaning station at Black River Park.
 - The Council will seek grant funding for the proposed parking lot, which is included in the Black River Park plan, and provides additional parking to the park and the Central Business District.
 - The Council will seek to maintain the public infrastructure within the Dunkley Redevelopment Area.
- During the 2014-15 fiscal year Council will work with staff and the regional community stakeholders to assist with planning and development of the SHARP project.
 - Staff will continue to assist with the development of the South Haven Area Recreation Authority (SHARA.) Staff will assist with the restoration of the farm lease agreement for the SHARP property, in Casco Township, in an attempt to develop addition project revenue.
- During the 2014-15 fiscal year Council will work with staff to complete the planning and construction of the proposed BMX/Pump Track park facility.
- During the 2014-15 fiscal year Council will work with staff, along with the impacted organizational stakeholders, to complete capital improvement plans for the buildings and grounds at the South Haven Center for the Arts and the Liberty Hyde Bailey Museum.
 - The Council will seek to begin planning and implementation of the recommended maintenance projects listed in the capital improvement

plans for the South Haven Center for the Arts and Liberty Hyde Bailey Museum buildings.

- During the 2014-15 fiscal year Council will explore new park and public space programs which enhance City revenue and provide greater management oversight.
 - The Council will explore park rental programs, and continued updates to the beach parking program, and other revenue enhancements which could be used to benefit the City's parks and public spaces.

Priority #4; City Code & Charter Review

- City Council will seek to review and consider possible alterations to the City's Code of Ordinances. The following tasks will be completed:
 - During the 2014-15 fiscal year Council will work with staff to review and consider alterations to the City's Code of Ordinances to ensure best practices. Staff will be expected to prepare a variety of code review reports, with possible alterations, for the City Council's consideration.
 - Included in the review process, the Council will work with staff to review the effect of term limits for local elected officials, and consider whether term limits are beneficial to the City of South Haven.
 - Also included in the review process, the Council will work with the Board of Public Utilities and staff to review the adopted Utility Policy and determine possible updates and improvements to the document.
 - Also included in the review process, the Council will work with staff and the Planning Commission to review the Code of Ordinances, and determine whether updates are needed for the provisions related to the adopted noise ordinance and temporary vending license.

Priority #5; Infrastructure Maintenance & Improvements

- City Council will seek to maintain the highest quality public infrastructure. The following tasks will be completed:
 - During the 2014-15 fiscal year Council will work with staff and the Board of Public Utilities to explore the city's sanitary sewer system and eliminate inflow and infiltration of storm water connections from flowing to the Waste Water Treatment Plant.

- During the 2014-15 fiscal year Council will work with staff to implement the creation of a Corridor Improvement Authority, which seeks to improve the public infrastructure on portions of Broadway and Phoenix Streets, and develop street improvements plans for Phoenix and Broadway. Those plans will seek input and potential funding from MDOT.

Priority #6; Building Improvements & Construction

- City Council will seek to construct and/or improve a portion of the city's public buildings and grounds. The following tasks will be completed:
 - During the 2014-15 fiscal year Council will actively explore concession stand proposals for the South Beach. These proposals may include potential partner agencies to assist with the capital cost for the proposed project.
 - As part of the concession stand planning, City Council will explore improvements which provide greater access to restrooms, family restrooms, changing rooms, accessible improvements, and the possible creation of conference space.
 - During the 2014-15 fiscal year Council will work with staff to finalize the planned upgrades to the City Hall façade.
 - During the 2014-15 fiscal year Council will work with staff to plan internal improvements to City Hall which seek to improve the customer service area, improve the safety of the stairways to basement, and improve lighting and conditions in the basement.
 - During the 2014-15 fiscal year Council will work with staff to plan and implement upgrades to the Department of Public Works facility, which may include the development of a cold storage area for electric transformers and the possible expansion of the facility's grounds.

Priority #7; Bicycle & Pedestrian Pathways

- City Council will seek to plan and construct bicycle paths throughout the city. The following tasks will be completed:
 - During the 2014-15 fiscal year Council will work with staff to complete construction of the partially grant funded Van Buren Trail bicycle pathway project, which connects bicycle riders from the city's downtown to the State of Michigan's Van Buren State Park.

- During the 2014-15 fiscal year Council will work with staff on the planning and development of the Blue Star Highway multi-use trail project.

Priority #8; Central Business District Maintenance & Improvements

- City Council will seek to improve the city's downtown central business district. The following tasks will be completed:
 - During the 2014-15 fiscal year Council will work with staff to plan and implement repairs and maintenance of the downtown public infrastructure.
 - During the 2014-15 fiscal year Council will work with staff to review funding options to make improvements in the city's downtown.
 - During the 2014-15 fiscal year Council will work with staff to plan and implement the development of a public WIFI system in the Central Business District. The proposed WIFI system, if at all possible, should be planned to provide benefits to the city's riverfront and marinas. The proposed WIFI system should be reviewed for the possible creation of a new enterprise fund.
 - During the 2014-15 fiscal year Council will work with staff to plan additions to the decorative lighting systems in the Central Business District, specifically along Broadway, between Phoenix and Williams.

Priority #9; Budget Controls

- City Council will seek to develop policies and procedures which assure budget controls and cost containment are a priority.
 - During the 2014-15 fiscal year Council will work with staff to plan and develop an operating budget which aligns with the decreasing State and local anticipated revenues.
 - During the 2014-15 fiscal year Council will seek to update the City's capital improvement plan. That plan will seek to incorporate and update the adopted Infrastructure Improvement Plan, WWTP Capital Plan, Indian Grove Infrastructure Plan, and Electric System Capital, and seek to guide spending decisions and budget planning for the next ten (10) years.
 - During the 2014-15 fiscal year Council will work with staff to ensure the City of South Haven complies with the requirements of the State of Michigan's Economic Vitality Incentive Program (EVIP) to ensure maximum revenue is returned to the city.

Priority #10; Land Acquisition

- City Council will explore the possible acquisition of property which present specific value (e.g., recreational and/or environmental) to the citizens and guests of the City of South Haven. The following tasks will be completed:
 - During the 2014-15 fiscal year Council will work with staff to seek grant funds to assist with the potential acquisition of the privately owned, undeveloped parcels adjacent to Lake Michigan and/or the Black River.
 - During the 2014-15 fiscal year Council will work with staff to explore space needs for future Black River dredging project spoils, and will research privately owned, undeveloped parcels which could house those spoils.
 - During the 2014-15 fiscal year Council will work with staff and the South Haven Public School system to seek grant funding for the purchase of the Packard Park property.

Priority #11; Customer Service

- City Council will seek to improve customer service and support from the city's various departments. The following tasks will be completed:
 - During the 2014-15 fiscal year Council will work with staff to plan and implement customer service and job training to city staff, focusing on improving the public's impression of and interaction with the city's staff.
 - During the 2014-15 fiscal year Council will work with staff to plan and implement the addition of electronic forms to the city's website. In an effort to improve customer service and expedite requests for city services.

Priority #12; Explore Youth Services Programs

- City Council will explore the possible expansion of services tailored to address the needs of local youth. The following tasks will be completed:
 - During the 2014-15 fiscal year Council will work with staff to explore the possible development of youth services. Staff will seek to develop possible partnerships to develop youth services programs. Staff will seek possible funding sources to offset the service costs.
 - During the 2014-15 fiscal year Council will work with staff to explore potential partnerships with MiWorks, and other agencies, to improve employment opportunities for local youth.



City of South Haven Proposed Budget Fiscal Year 2014–2015



ENTERPRISE FUNDS

The Electric, Water and Sewer Funds account for the provision of electric, water and sewer services to the residents and businesses of the City and the surrounding area. Activities necessary to provide such services accounted for in these funds include, but are not limited to administration, operations, maintenance and construction.

The Black River Park Fund accounts for boat launching and parking services at Black River Park, along with seasonal and transient dock rental.

The Marina Fund accounts for expenses and revenues at the City owned marinas, including seasonal and transient dock rental.

The Beach Fund provides for the maintenance and improvement of the City beaches. Financing is provided by beach parking fines and fees.

Net Reserves and Possible Rate Change Impact

ELECTRIC FUND - FY 2015 BUDGET

NO Revenue change		Exp > Rev	Estimated Net Reserves with NO Increase	
0	0	1,276,435 loss	\$	4,096,927.10

PROJECTED For the year ended June, 2014

Retained Earnings	\$	17,369,381.19
Less Net Capital Asse	\$	(11,007,019.09)
Less Restricted Cash	\$	-
Net Reserves	\$	6,362,362.10

City of South Haven
Electric Fund Activities

For informational purposes only

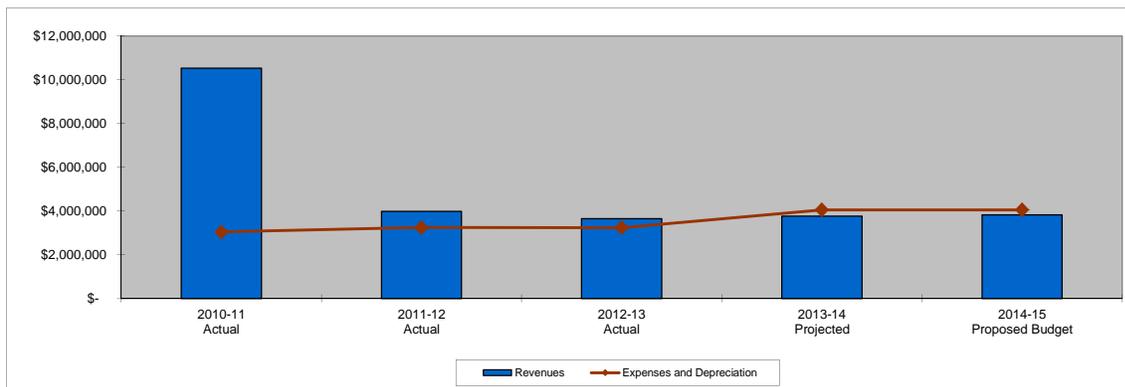
<i>Expenses by Activity</i>	2010-11 Actual	2011-12 Actual	2012-13 Actual	2013-14 Budget	YTD (at 3/31/2014)	2013-14 Projected	2014-15 Proposed Budget	2015-16 Estimated Budget
<i>Purchased Power</i>								
Purchased Power	\$ 9,043,775	\$ 9,086,858	\$ 8,666,157	\$ 9,600,000	\$ 7,280,411	\$ 9,600,000	\$ 9,600,000	\$ 9,600,000
Total Purchased Power	\$ 9,043,775	\$ 9,086,858	\$ 8,666,157	\$ 9,600,000	\$ 7,280,411	\$ 9,600,000	\$ 9,600,000	\$ 9,600,000
Percentage Change		0.5%	-4.6%			10.8%	0.0%	0.0%
<i>Operations:</i>								
Personnel Costs	\$ 906,639	\$ 963,249	\$ 992,605	\$ 952,643	\$ 698,713	\$ 952,643	\$ 915,964	\$ 934,283
Supplies	\$ 16,674	\$ 81,128	\$ 237,751	\$ 75,600	\$ 57,927	\$ 75,600	\$ 75,600	\$ 77,112
Admin/Computing/Equipment Fees	\$ 131,905	\$ 132,874	\$ 139,031	\$ 147,966	\$ 110,975	\$ 147,966	\$ 147,966	\$ 150,925
Contractual Services	\$ 248,044	\$ 139,281	\$ 312,247	\$ 315,000	\$ 184,093	\$ 315,000	\$ 290,500	\$ 296,310
Utilities	\$ 34,453	\$ 29,642	\$ 35,666	\$ 38,000	\$ 38,331	\$ 38,000	\$ 38,000	\$ 38,760
Other Services and Charges	\$ 92,578	\$ 106,079	\$ 107,782	\$ 119,760	\$ 83,643	\$ 119,760	\$ 123,960	\$ 126,439
Repairs and Maintenance	\$ 137,783	\$ 117,449	\$ 55,113	\$ 110,000	\$ 172,618	\$ 110,000	\$ 110,000	\$ 112,200
Depreciation	\$ 474,124	\$ 506,199	\$ 544,154	\$ 540,000	\$ 405,000	\$ 540,000	\$ 540,000	\$ 550,800
Capital Outlay	\$ 51,226	\$ 167,558	\$ 1,738	\$ 988,000	\$ 46,195	\$ 8,000	\$ 1,529,000	\$ 1,000,000
Total Operations	\$ 2,093,426	\$ 2,243,459	\$ 2,426,087	\$ 3,286,969	\$ 1,797,495	\$ 2,306,969	\$ 3,770,990	\$ 3,286,830
Percentage Change		7.2%	8.1%			-4.9%	14.7%	-12.8%
<i>Administration:</i>								
Personnel Costs	\$ 346,114	\$ 377,471	\$ 399,010	\$ 424,405	\$ 290,720	\$ 424,405	\$ 417,873	\$ 426,230
Admin/Computing/Equipment Fees	\$ 195,159	\$ 195,235	\$ 201,992	\$ 203,881	\$ 152,911	\$ 203,881	\$ 233,290	\$ 235,184
Contractual Services	\$ 115,935	\$ 235,134	\$ 259,671	\$ 284,102	\$ 212,013	\$ 284,102	\$ 289,102	\$ 294,884
Other Services and Charges	\$ 630,993	\$ 692,982	\$ 776,810	\$ 757,880	\$ 577,490	\$ 757,880	\$ 773,283	\$ 774,772
Capital Outlay	\$ 1,008	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Administration	\$ 1,289,208	\$ 1,500,822	\$ 1,637,483	\$ 1,670,268	\$ 1,233,134	\$ 1,670,268	\$ 1,713,548	\$ 1,731,071
Percentage Change		16.4%	9.1%			2.0%	2.6%	1.0%
<i>Electric System Upgrade:</i>								
Capital Outlay	\$ -	\$ -	\$ -	\$ 540,000	\$ -	\$ 594,436	\$ -	\$ -
Total Electric System Upgrade	\$ -	\$ -	\$ -	\$ 540,000	\$ -	\$ 594,436	\$ -	\$ -
Percentage Change		N/A	N/A			N/A	-100.0%	N/A
<i>Debt Service</i>								
Debt Service	\$ 31,050	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Debt Service	\$ 31,050	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Percentage Change		-100.0%	#DIV/0!			N/A	N/A	N/A
<i>Transfer Out</i>								
Operating Transfers Out	\$ 186,237	\$ 167,456	\$ 167,018	\$ 177,049	\$ 132,787	\$ 177,049	\$ 168,301	\$ 172,000
Total Transfer Out	\$ 186,237	\$ 167,456	\$ 167,018	\$ 177,049	\$ 132,787	\$ 177,049	\$ 168,301	\$ 172,000
Percentage Change		-10.1%	-0.3%			6.0%	-4.9%	2.2%
<i>Total Expenses</i>								
Personnel Costs	\$ 1,252,753	\$ 1,340,720	\$ 1,391,615	\$ 1,377,048	\$ 989,432	\$ 1,377,048	\$ 1,333,837	\$ 1,360,514
Supplies	\$ 16,674	\$ 81,128	\$ 237,751	\$ 75,600	\$ 57,927	\$ 75,600	\$ 75,600	\$ 77,112
Purchased Power	\$ 9,043,775	\$ 9,086,858	\$ 8,666,157	\$ 9,600,000	\$ 7,280,411	\$ 9,600,000	\$ 9,600,000	\$ 9,600,000
Admin/Computing/Equipment Fees	\$ 327,064	\$ 328,109	\$ 341,023	\$ 351,847	\$ 263,885	\$ 351,847	\$ 381,256	\$ 386,110
Contractual Services	\$ 363,979	\$ 374,415	\$ 571,918	\$ 599,102	\$ 396,106	\$ 599,102	\$ 579,602	\$ 591,194
Other Services and Charges	\$ 723,570	\$ 799,061	\$ 884,592	\$ 877,640	\$ 661,134	\$ 877,640	\$ 897,243	\$ 901,211
Utilities	\$ 34,453	\$ 29,642	\$ 35,666	\$ 38,000	\$ 38,331	\$ 38,000	\$ 38,000	\$ 38,760
Repairs and Maintenance	\$ 137,783	\$ 117,449	\$ 55,113	\$ 110,000	\$ 172,618	\$ 110,000	\$ 110,000	\$ 112,200
Depreciation	\$ 474,124	\$ 506,199	\$ 544,154	\$ 540,000	\$ 405,000	\$ 540,000	\$ 540,000	\$ 550,800
Capital Outlay	\$ 52,234	\$ 167,558	\$ 1,738	\$ 1,528,000	\$ 46,195	\$ 602,436	\$ 1,529,000	\$ 1,000,000
Debt Service	\$ 31,050	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating Transfers Out	\$ 186,237	\$ 167,456	\$ 167,018	\$ 177,049	\$ 132,787	\$ 177,049	\$ 168,301	\$ 172,000
Total Expenses	\$ 12,643,696	\$ 12,998,595	\$ 12,896,745	\$ 15,274,286	\$ 10,443,826	\$ 14,348,722	\$ 15,252,839	\$ 14,789,901
Percentage Change		2.8%	-0.8%			11.3%	-0.1%	-3.0%

City of South Haven
Water Fund - Fund 591

For informational
purposes only

	2010-11 Actual	2011-12 Actual	2012-13 Actual	2013-14 Budget	YTD (at 3/31/2014)	2013-14 Projected	2014-15 Proposed Budget	2015-16 Estimated Budget
Revenues:								
Charges for Service	\$ 1,499,644	\$ 1,702,532	\$ 1,819,962	\$ 1,786,024	\$ 1,449,592	\$ 1,950,108	\$ 1,985,664	\$ 1,985,664
Interest and Rents	\$ 22,860	\$ 18,880	\$ 16,775	\$ 17,502	\$ 5,933	\$ 17,502	\$ 17,502	\$ 17,502
Other Revenue	\$ 1,453,816	\$ 1,458,687	\$ 1,806,025	\$ 1,777,170	\$ 1,484,745	\$ 1,800,860	\$ 1,823,273	\$ 1,819,273
Operating Transfers In	\$ 7,541,722	\$ 804,770	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenues	\$ 10,518,042	\$ 3,984,869	\$ 3,642,762	\$ 3,580,696	\$ 2,940,270	\$ 3,768,470	\$ 3,826,439	\$ 3,822,439
Percentage Change		-62.1%	-8.6%			3.5%	6.9%	-0.1%
Expenses:								
Personnel Costs	\$ 753,800	\$ 723,857	\$ 750,152	\$ 848,857	\$ 552,349	\$ 848,857	\$ 861,450	\$ 878,679
Supplies	\$ 180,179	\$ 186,925	\$ 216,465	\$ 195,147	\$ 124,206	\$ 195,147	\$ 187,442	\$ 191,191
Admin/Computing/Equipment Fees	\$ 101,051	\$ 99,801	\$ 102,671	\$ 101,930	\$ 76,666	\$ 101,930	\$ 121,328	\$ 123,755
Contractual Services	\$ 309,766	\$ 146,489	\$ 131,983	\$ 164,347	\$ 91,782	\$ 164,347	\$ 141,540	\$ 144,371
Other Services and Charges	\$ 106,557	\$ 154,221	\$ 210,225	\$ 225,010	\$ 137,444	\$ 225,010	\$ 222,374	\$ 179,535
Utilities	\$ 188,240	\$ 195,381	\$ 203,782	\$ 201,136	\$ 139,203	\$ 201,136	\$ 201,136	\$ 205,159
Repairs and Maintenance	\$ 30,436	\$ 26,337	\$ 24,593	\$ 32,481	\$ 16,769	\$ 32,481	\$ 51,582	\$ 52,614
Capital Outlay	\$ (1,243)	\$ -	\$ 108	\$ 282,909	\$ 224,326	\$ 224,909	\$ 182,685	\$ 302,425
Debt Service	\$ 41,245	\$ 40,396	\$ 960,552	\$ 1,450,736	\$ 775,150	\$ 1,450,736	\$ 1,506,398	\$ 1,507,148
Operating Transfers Out	\$ 1,138,355	\$ 1,297,490	\$ 38,137	\$ 33,884	\$ 1,500	\$ 28,692	\$ 4,843	\$ 1,162
Total Expenses	\$ 2,848,385	\$ 2,870,897	\$ 2,638,668	\$ 3,536,437	\$ 2,139,396	\$ 3,473,245	\$ 3,480,778	\$ 3,586,037
Depreciation	\$ 195,684	\$ 377,036	\$ 596,243	\$ 575,000	\$ 431,250	\$ 575,000	\$ 575,000	\$ 575,000
Total Expenses and Depreciation	\$ 3,044,069	\$ 3,247,933	\$ 3,234,911	\$ 4,111,437	\$ 2,570,646	\$ 4,048,245	\$ 4,055,778	\$ 4,161,037
Percentage Change		6.7%	-0.4%			25.1%	-1.4%	2.6%
Excess (Deficiency) of Revenues Over Expenses	\$ 7,473,973	\$ 736,936	\$ 407,851	\$ (530,741)	\$ 369,624	\$ (279,775)	\$ (229,339)	\$ (338,598)

The Water Utility is a regional supplier of water to the City of South Haven and the surrounding communities. The City owns and operates a water filtration plant, two water towers, one standpipe and the distribution system located within the City limits. Since entering into supply agreements with neighboring communities in the mid-1990's, significant increases to the water distribution system have taken place.



WATER FUND - FY 2015 BUDGET

Revenue change		Exp > Rev	Estimated Net Reserves with Increase	
0	0	296,958 loss	\$	1,618,198.02
1.02	\$ 67,619.05	229,339 loss	\$	1,685,817.02
1.025	\$ 84,523.81	212,484 loss	\$	1,702,672.02
1.03	\$ 101,428.57	195,529 loss	\$	1,719,627.02
1.035	\$ 118,333.33	178,624 loss	\$	1,736,532.02
1.04	\$ 135,238.10	161,720 loss	\$	1,753,436.02
1.045	\$ 152,142.86	144,815 loss	\$	1,770,341.02
1.05	\$ 169,047.62	127,910 loss	\$	1,787,246.02
1.09	\$ 304,285.71	Breakeven for 2015 or \$7,328 income	\$	1,922,484.02

PROJECTED For the year ended June, 2014

Retained Earnings	\$	6,978,090.91
Less Net Capital Assets	\$	(5,327,353.89)
Less Restricted Cash	\$	(60,581.00)
Net Reserves	\$	1,590,156.02

City of South Haven
Water Fund Activities

For informational
purposes only

<i>Expenditures by Activity</i>	2010-11 <i>Actual</i>	2011-12 <i>Actual</i>	2012-13 <i>Actual</i>	2013-14 <i>Budget</i>	YTD <i>(at 3/31/2014)</i>	2013-14 <i>Projected</i>	2014-15 <i>Proposed Budget</i>	2015-16 <i>Estimated Budget</i>
Operations - City								
Personnel Costs	\$ 233,035	\$ 212,262	\$ 213,433	\$ 269,619	\$ 159,887	\$ 269,619	\$ 218,329	\$ 222,696
Supplies	\$ 82,111	\$ 69,868	\$ 91,877	\$ 64,068	\$ 52,317	\$ 64,068	\$ 64,068	\$ 65,349
Admin/Computing/Equipment Fees	\$ 19,432	\$ 19,001	\$ 19,481	\$ 19,092	\$ 14,538	\$ 19,092	\$ 20,785	\$ 21,201
Contractual Services	\$ 63,856	\$ 48,334	\$ 34,106	\$ 42,000	\$ 42,926	\$ 42,000	\$ 42,000	\$ 42,840
Other Services and Charges	\$ 12	\$ 11,536	\$ 13,639	\$ 12,859	\$ 9,205	\$ 12,859	\$ 12,859	\$ 13,116
Utilities	\$ 1,255	\$ 664	\$ 904	\$ 1,129	\$ 1,473	\$ 1,129	\$ 1,129	\$ 1,152
Repairs and Maintenance	\$ 2,758	\$ 11,040	\$ 2,890	\$ 2,000	\$ 733	\$ 2,000	\$ 2,000	\$ 2,040
Depreciation	\$ 195,684	\$ 377,036	\$ 596,243	\$ 575,000	\$ 431,250	\$ 575,000	\$ 575,000	\$ 575,000
Capital Outlay	\$ (1,341)	\$ -	\$ 108	\$ 282,909	\$ 222,315	\$ 224,909	\$ 171,000	\$ 292,781
Total Operations - City	\$ 596,803	\$ 749,741	\$ 972,681	\$ 1,268,676	\$ 934,643	\$ 1,210,676	\$ 1,107,170	\$ 1,236,174
Percentage Change		25.6%	29.7%			24.5%	-12.7%	11.7%
Operations - South Haven Twp								
Personnel Costs	\$ 21,581	\$ 19,829	\$ 22,175	\$ 27,498	\$ 16,245	\$ 27,498	\$ 33,963	\$ 34,642
Supplies	\$ 6,832	\$ 19,861	\$ 23,016	\$ 14,508	\$ 15,972	\$ 14,508	\$ 14,508	\$ 14,798
Admin/Computing/Equipment Fees	\$ 6,379	\$ 6,261	\$ 6,422	\$ 6,295	\$ 4,721	\$ 6,295	\$ 6,807	\$ 6,943
Contractual Services	\$ 10,458	\$ 15,147	\$ 11,407	\$ 10,500	\$ 6,144	\$ 10,500	\$ 10,500	\$ 10,710
Other Services and Charges	\$ 2,928	\$ 3,073	\$ 2,544	\$ 3,478	\$ 2,822	\$ 3,478	\$ 3,478	\$ 3,548
Utilities	\$ 220	\$ 200	\$ 261	\$ 335	\$ 446	\$ 335	\$ 335	\$ 342
Repairs and Maintenance	\$ 2,318	\$ 2,606	\$ 858	\$ 2,500	\$ 220	\$ 2,500	\$ 2,500	\$ 2,550
Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Operations - SH Twp	\$ 50,715	\$ 66,977	\$ 66,683	\$ 65,114	\$ 46,571	\$ 65,114	\$ 72,091	\$ 73,533
Percentage Change		N/A	-0.4%			-2.4%	10.7%	2.0%
Operations - Casco Township								
Personnel Costs	\$ 10,854	\$ 13,875	\$ 23,259	\$ 14,521	\$ 13,846	\$ 14,521	\$ 29,956	\$ 30,555
Supplies	\$ 4,518	\$ 13,844	\$ 15,345	\$ 9,672	\$ 10,648	\$ 9,672	\$ 9,672	\$ 9,865
Admin/Computing/Equipment Fees	\$ 9,078	\$ 8,891	\$ 9,091	\$ 8,896	\$ 6,672	\$ 8,896	\$ 9,411	\$ 9,599
Contractual Services	\$ 7,420	\$ 11,017	\$ 10,801	\$ 11,320	\$ 6,568	\$ 11,320	\$ 11,320	\$ 11,546
Other Services and Charges	\$ 1,936	\$ 2,047	\$ 1,695	\$ 2,301	\$ 1,946	\$ 2,301	\$ 2,301	\$ 2,347
Utilities	\$ 146	\$ 133	\$ 174	\$ 221	\$ 297	\$ 221	\$ 221	\$ 225
Repairs and Maintenance	\$ 1,533	\$ 1,737	\$ 572	\$ 2,000	\$ 147	\$ 2,000	\$ 2,000	\$ 2,040
Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Operations - Casco Twp	\$ 35,485	\$ 51,544	\$ 60,937	\$ 48,931	\$ 40,124	\$ 48,931	\$ 64,881	\$ 66,179
Percentage Change		N/A	18.2%			-19.7%	32.6%	2.0%
Operations - Covert								
Personnel Costs	\$ 25,296	\$ 27,550	\$ 25,941	\$ 42,218	\$ 20,790	\$ 42,218	\$ 37,930	\$ 38,689
Supplies	\$ 2,791	\$ 8,276	\$ 9,591	\$ 5,928	\$ 6,655	\$ 5,928	\$ 5,928	\$ 6,047
Admin/Computing/Equipment Fees	\$ 19,857	\$ 19,343	\$ 19,764	\$ 19,323	\$ 14,492	\$ 19,323	\$ 20,081	\$ 20,483
Contractual Services	\$ 8,040	\$ 15,891	\$ 8,788	\$ 7,500	\$ 7,621	\$ 7,500	\$ 7,500	\$ 7,650
Other Services and Charges	\$ 1,197	\$ 1,280	\$ 1,060	\$ 1,421	\$ 1,157	\$ 1,421	\$ 1,421	\$ 1,449
Utilities	\$ 90	\$ 83	\$ 5	\$ 137	\$ 186	\$ 137	\$ 137	\$ 140
Repairs and Maintenance	\$ 947	\$ 1,086	\$ 1,887	\$ 1,500	\$ 92	\$ 1,500	\$ 1,500	\$ 1,530
Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Operations - Covert	\$ 58,218	\$ 73,509	\$ 67,036	\$ 78,027	\$ 50,993	\$ 78,027	\$ 74,497	\$ 75,987
Percentage Change		N/A	-8.8%			16.4%	-4.5%	2.0%
Treatment - City								
Personnel Costs	\$ 184,434	\$ 197,384	\$ 203,219	\$ 196,049	\$ 145,935	\$ 196,049	\$ 261,066	\$ 266,287
Supplies	\$ 65,370	\$ 46,334	\$ 50,363	\$ 72,575	\$ 23,657	\$ 72,575	\$ 68,935	\$ 70,314
Admin/Computing/Equipment Fees	\$ 1,530	\$ 1,561	\$ 1,661	\$ 1,684	\$ 1,263	\$ 1,684	\$ 2,581	\$ 2,633
Contractual Services	\$ 136,629	\$ 31,597	\$ 39,425	\$ 62,500	\$ 15,577	\$ 62,500	\$ 50,193	\$ 51,197
Other Services and Charges	\$ 6,200	\$ 9,864	\$ 10,948	\$ 12,470	\$ 6,886	\$ 12,470	\$ 12,264	\$ 12,509
Utilities	\$ 140,165	\$ 132,659	\$ 142,002	\$ 139,114	\$ 94,480	\$ 139,114	\$ 139,114	\$ 141,896
Repairs and Maintenance	\$ 14,628	\$ 6,069	\$ 12,263	\$ 17,818	\$ 8,489	\$ 17,818	\$ 27,836	\$ 28,393
Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ 2,012	\$ -	\$ 6,128	\$ 6,251
Total Treatment - City	\$ 548,956	\$ 425,468	\$ 459,881	\$ 502,210	\$ 298,298	\$ 502,210	\$ 568,117	\$ 579,479
Percentage Change		-22.5%	8.1%			9.2%	13.1%	2.0%
Treatment - Casco Township								
Personnel Costs	\$ 18,990	\$ 19,518	\$ 20,072	\$ 27,615	\$ 14,706	\$ 27,615	\$ 21,703	\$ 22,137
Supplies	\$ 5,928	\$ 9,159	\$ 8,408	\$ 8,986	\$ 4,765	\$ 8,986	\$ 8,378	\$ 8,546
Admin/Computing/Equipment Fees	\$ 229	\$ 298	\$ 318	\$ 323	\$ 242	\$ 323	\$ 502	\$ 512
Contractual Services	\$ 23,690	\$ 5,863	\$ 7,553	\$ 8,120	\$ 2,861	\$ 8,120	\$ 6,129	\$ 6,252
Other Services and Charges	\$ 1,071	\$ 1,421	\$ 1,479	\$ 2,190	\$ 1,433	\$ 2,190	\$ 2,234	\$ 2,279
Utilities	\$ 10,642	\$ 16,962	\$ 16,403	\$ 17,990	\$ 11,728	\$ 17,990	\$ 17,990	\$ 18,350
Repairs and Maintenance	\$ 2,636	\$ 1,215	\$ 1,959	\$ 1,808	\$ 2,268	\$ 1,808	\$ 3,315	\$ 3,381
Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 922	\$ 940
Total Treatment - Casoc Twp	\$ 63,186	\$ 54,436	\$ 56,192	\$ 67,032	\$ 38,004	\$ 67,032	\$ 61,173	\$ 62,396
Percentage Change		N/A	N/A			19.3%	-8.7%	2.0%

Water Fund Activities (continued)

For informational purposes only

Expenditures by Activity	2010-11 Actual	2011-12 Actual	2012-13 Actual	2013-14 Budget	YTD (at 3/31/2014)	2013-14 Projected	2014-15 Proposed Budget	2015-16 Estimated Budget
Treatment - South Haven Township								
	567							
Personnel Costs	\$ 49,812	\$ 51,439	\$ 52,991	\$ 71,751	\$ 38,953	\$ 71,751	\$ 57,498	\$ 58,648
Supplies	\$ 8,965	\$ 13,738	\$ 12,610	\$ 13,662	\$ 7,148	\$ 13,662	\$ 11,676	\$ 11,910
Admin/Computing/Equipment Fees	\$ 471	\$ 502	\$ 532	\$ 540	\$ 405	\$ 540	\$ 811	\$ 827
Contractual Services	\$ 35,968	\$ 8,803	\$ 11,329	\$ 10,260	\$ 5,023	\$ 10,260	\$ 5,837	\$ 5,954
Other Services and Charges	\$ 1,689	\$ 2,133	\$ 2,260	\$ 2,920	\$ 2,116	\$ 2,920	\$ 3,035	\$ 3,096
Utilities	\$ 16,650	\$ 25,875	\$ 26,050	\$ 24,500	\$ 20,404	\$ 24,500	\$ 24,500	\$ 24,990
Repairs and Maintenance	\$ 3,986	\$ 1,824	\$ 2,939	\$ 2,995	\$ 3,402	\$ 2,995	\$ 6,926	\$ 7,065
Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,405	\$ 2,453
Total Treatment - SH Twp	\$ 117,542	\$ 104,314	\$ 108,711	\$ 126,628	\$ 77,452	\$ 126,628	\$ 112,688	\$ 114,942
Percentage Change		N/A	4.2%			16.5%	-11.0%	2.0%
Treatment - Covert								
	568							
Personnel Costs	\$ 59,839	\$ 61,505	\$ 63,158	\$ 68,285	\$ 46,207	\$ 68,285	\$ 68,122	\$ 69,484
Supplies	\$ 3,663	\$ 5,724	\$ 5,255	\$ 5,748	\$ 2,978	\$ 5,748	\$ 4,277	\$ 4,363
Admin/Computing/Equipment Fees	\$ 995	\$ 864	\$ 888	\$ 891	\$ 668	\$ 891	\$ 991	\$ 1,011
Contractual Services	\$ 16,026	\$ 4,216	\$ 4,721	\$ 6,647	\$ 2,093	\$ 6,647	\$ 2,561	\$ 2,612
Other Services and Charges	\$ 793	\$ 888	\$ 1,002	\$ 1,262	\$ 935	\$ 1,262	\$ 1,369	\$ 1,396
Utilities	\$ 19,072	\$ 18,805	\$ 17,983	\$ 17,710	\$ 10,189	\$ 17,710	\$ 17,710	\$ 18,064
Repairs and Maintenance	\$ 1,629	\$ 760	\$ 1,225	\$ 1,860	\$ 1,418	\$ 1,860	\$ 5,505	\$ 5,615
Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,230	\$ -
Total Treatment - Covert	\$ 102,017	\$ 92,762	\$ 94,232	\$ 102,403	\$ 64,487	\$ 102,403	\$ 102,765	\$ 102,546
Percentage Change		N/A	1.6%			8.7%	0.4%	-0.2%
Administration								
	561							
Personnel Costs	\$ 149,960	\$ 120,495	\$ 125,904	\$ 131,301	\$ 95,780	\$ 131,301	\$ 132,883	\$ 135,541
Supplies	\$ -	\$ 121	\$ -	\$ -	\$ 66	\$ -	\$ -	\$ -
Admin/Computing/Equipment Fees	\$ 43,080	\$ 43,080	\$ 44,514	\$ 44,886	\$ 33,664	\$ 44,886	\$ 59,359	\$ 60,546
Contractual Services	\$ 7,679	\$ 5,621	\$ 3,853	\$ 5,500	\$ 2,967	\$ 5,500	\$ 5,500	\$ 5,610
Other Services and Charges	\$ 90,730	\$ 121,979	\$ 175,598	\$ 186,109	\$ 110,945	\$ 186,109	\$ 183,413	\$ 139,795
Capital Outlay	\$ 98	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Administration	\$ 291,547	\$ 291,296	\$ 349,869	\$ 367,796	\$ 243,423	\$ 367,796	\$ 381,155	\$ 341,491
Percentage Change		-0.1%	20.1%			5.1%	3.6%	-10.4%
Debt Service								
	905							
Debt Service	\$ 41,245	\$ 40,396	\$ 960,552	\$ 1,450,736	\$ 775,150	\$ 1,450,736	\$ 1,506,398	\$ 1,507,148
Total Debt Service	\$ 41,245	\$ 40,396	\$ 960,552	\$ 1,450,736	\$ 775,150	\$ 1,450,736	\$ 1,506,398	\$ 1,507,148
Percentage Change		-2.1%	2277.8%			51.0%	3.8%	0.0%
Transfer Out								
	965							
Operating Transfers Out	\$ 1,138,355	\$ 1,297,490	\$ 38,137	\$ 33,884	\$ 1,500	\$ 28,692	\$ 4,843	\$ 1,162
Total Transfer Out	\$ 1,138,355	\$ 1,297,490	\$ 38,137	\$ 33,884	\$ 1,500	\$ 28,692	\$ 4,843	\$ 1,162
Percentage Change		14.0%	-97.1%			-24.8%	-85.7%	-76.0%
Total Expenditures								
Personnel Costs	\$ 753,800	\$ 723,857	\$ 750,152	\$ 848,857	\$ 552,349	\$ 848,857	\$ 861,450	\$ 878,679
Supplies	\$ 180,179	\$ 186,925	\$ 216,465	\$ 195,147	\$ 124,206	\$ 195,147	\$ 187,442	\$ 191,191
Admin/Computing/Equipment Fees	\$ 101,051	\$ 99,801	\$ 102,671	\$ 101,930	\$ 76,666	\$ 101,930	\$ 121,328	\$ 123,755
Contractual Services	\$ 309,766	\$ 146,489	\$ 131,983	\$ 164,347	\$ 91,782	\$ 164,347	\$ 141,540	\$ 144,371
Other Services and Charges	\$ 106,557	\$ 154,221	\$ 210,225	\$ 225,010	\$ 137,444	\$ 225,010	\$ 222,374	\$ 179,535
Utilities	\$ 188,240	\$ 195,381	\$ 203,782	\$ 201,136	\$ 139,203	\$ 201,136	\$ 201,136	\$ 205,159
Repairs and Maintenance	\$ 30,436	\$ 26,337	\$ 24,593	\$ 32,481	\$ 16,769	\$ 32,481	\$ 51,582	\$ 52,614
Depreciation	\$ 195,684	\$ 377,036	\$ 596,243	\$ 575,000	\$ 431,250	\$ 575,000	\$ 575,000	\$ 575,000
Capital Outlay	\$ (1,243)	\$ -	\$ 108	\$ 282,909	\$ 224,326	\$ 224,909	\$ 182,685	\$ 302,425
Debt Service	\$ 41,245	\$ 40,396	\$ 960,552	\$ 1,450,736	\$ 775,150	\$ 1,450,736	\$ 1,506,398	\$ 1,507,148
Operating Transfers Out	\$ 1,138,355	\$ 1,297,490	\$ 38,137	\$ 33,884	\$ 1,500	\$ 28,692	\$ 4,843	\$ 1,162
Total	\$ 3,044,069	\$ 3,247,933	\$ 3,234,911	\$ 4,111,437	\$ 2,570,646	\$ 4,048,245	\$ 4,055,778	\$ 4,161,037
Percentage Change		6.7%	-0.4%			25.1%	-1.4%	2.6%

SEWER FUND - FY 2015 BUDGET

Revenue change		Exp > Rev	Estimated Net Reserves with Increase	
0	0	196,257 loss	\$	36,472.34
1.025	\$ 52,302.73	143,954 loss	\$	88,775.34
1.03	\$ 62,763.28	133,494 loss	\$	99,235.34
1.035	\$ 73,223.82	123,033 loss	\$	109,696.34
1.04	\$ 83,684.37	112,573 loss	\$	120,156.34
1.045	\$ 94,144.91	102,112 loss	\$	130,617.34
1.05	\$ 104,605.46	91,651 loss	\$	141,078.34
1.0975	\$ 203,980.64	Breakeven for 2015 or \$7,724 income	\$	240,453.34

PROJECTED For the year ended June, 2014

Retained Earnings	\$	5,364,751.84
Less Net Capital Asse	\$	(5,314,022.50)
Less Restricted Cash	\$	-
Net Reserves	\$	50,729.34

City of South Haven
Sewer Fund Activities

For informational
purposes only

<i>Expenditures by Activity</i>	2010-11 Actual	2011-12 Actual	2012-13 Actual	2013-14 Budget	YTD (at 3/31/2014)	2013-14 Projected	2014-15 Proposed Budget	2015-16 Estimated Budget
Operations - City								
Personnel Costs	\$ 93,096	\$ 101,383	\$ 104,781	\$ 121,223	\$ 66,778	\$ 121,223	\$ 78,149	\$ 79,712
Supplies	\$ 20,324	\$ 20,007	\$ 24,307	\$ 26,255	\$ 12,807	\$ 27,358	\$ 27,358	\$ 27,905
Admin/Computing/Equipment Fees	\$ 32,645	\$ 32,467	\$ 33,990	\$ 33,288	\$ 24,966	\$ 33,288	\$ 34,866	\$ 35,563
Contractual Services	\$ 17,669	\$ 169,692	\$ 271,952	\$ 89,000	\$ 126,825	\$ 174,000	\$ 49,000	\$ 49,980
Other Services and Charges	\$ (3,822)	\$ 12,470	\$ 11,164	\$ 14,274	\$ 8,123	\$ 14,274	\$ 14,274	\$ 14,559
Utilities	\$ 1,345	\$ 803	\$ 869	\$ 1,365	\$ 1,787	\$ 1,365	\$ 1,365	\$ 1,392
Repairs and Maintenance	\$ 389	\$ 9,007	\$ 7,345	\$ 5,000	\$ 887	\$ 5,000	\$ 5,000	\$ 5,100
Depreciation	\$ 244,545	\$ 272,728	\$ 408,433	\$ 275,000	\$ 206,250	\$ 401,200	\$ 400,000	\$ 408,000
Capital Outlay	\$ (2,837)	\$ -	\$ 301	\$ 283,000	\$ 351,321	\$ 360,000	\$ 204,000	\$ 354,092
Total Operations - City	\$ 403,353	\$ 618,557	\$ 863,142	\$ 848,405	\$ 799,745	\$ 1,137,708	\$ 814,012	\$ 976,304
Percentage Change		53.4%	39.5%			31.8%	-4.1%	19.9%
Operations - South Haven Township								
	564							
Personnel Costs	\$ 455	\$ 916	\$ 931	\$ 1,237	\$ 862	\$ 1,237	\$ 1,294	\$ 1,320
Supplies	\$ 4,449	\$ 5,054	\$ 6,274	\$ 5,753	\$ 3,349	\$ 5,753	\$ 5,753	\$ 5,868
Admin/Computing/Equipment Fees	\$ 9,187	\$ 9,197	\$ 9,627	\$ 9,415	\$ 7,061	\$ 9,415	\$ 9,873	\$ 10,070
Contractual Services	\$ 13,534	\$ 41,882	\$ 74,340	\$ 12,200	\$ 29,835	\$ 12,200	\$ 12,200	\$ 12,444
Other Services and Charges	\$ 2,426	\$ 3,132	\$ 2,219	\$ 3,189	\$ 2,120	\$ 3,189	\$ 3,189	\$ 3,253
Utilities	\$ 220	\$ 210	\$ 227	\$ 351	\$ 467	\$ 351	\$ 351	\$ 358
Repairs and Maintenance	\$ 105	\$ 516	\$ 1,921	\$ 1,500	\$ 232	\$ 1,500	\$ 1,500	\$ 1,530
Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Operations - SH Township	\$ 30,376	\$ 60,907	\$ 95,539	\$ 33,645	\$ 43,927	\$ 33,645	\$ 34,160	\$ 34,843
Percentage Change		N/A	N/A			-64.8%	1.5%	2.0%
Operations - Casco Township								
	563							
Personnel Costs	\$ 365	\$ 444	\$ 2,554	\$ 510	\$ 1,594	\$ 3,283	\$ 3,356	\$ 3,423
Supplies	\$ 2,942	\$ 1,596	\$ 1,982	\$ 1,800	\$ 1,058	\$ 1,800	\$ 1,800	\$ 1,836
Admin/Computing/Equipment Fees	\$ 8,325	\$ 8,236	\$ 8,612	\$ 8,414	\$ 6,310	\$ 8,414	\$ 8,749	\$ 8,924
Contractual Services	\$ 3,349	\$ 22,899	\$ 36,077	\$ 10,000	\$ 9,422	\$ 10,000	\$ 10,000	\$ 10,200
Other Services and Charges	\$ 1,458	\$ 926	\$ 700	\$ 997	\$ 669	\$ 997	\$ 997	\$ 1,017
Utilities	\$ 146	\$ 66	\$ 72	\$ 110	\$ 148	\$ 110	\$ 110	\$ 112
Repairs and Maintenance	\$ 69	\$ 163	\$ 607	\$ 500	\$ 73	\$ 500	\$ 500	\$ 510
Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Operations - Casco Twp	\$ 16,654	\$ 34,330	\$ 50,604	\$ 22,331	\$ 19,274	\$ 25,104	\$ 25,512	\$ 26,022
Percentage Change		N/A	N/A			-50.4%	14.2%	2.0%
Treatment - City								
	559							
Personnel Costs	\$ 209,857	\$ 222,613	\$ 237,535	\$ 217,362	\$ 196,964	\$ 217,362	\$ 217,732	\$ 222,087
Supplies	\$ 59,231	\$ 50,713	\$ 79,487	\$ 65,691	\$ 45,985	\$ 78,794	\$ 78,794	\$ 80,370
Admin/Computing/Equipment Fees	\$ 3,331	\$ 6,018	\$ 6,366	\$ 6,441	\$ 4,831	\$ 6,441	\$ 7,685	\$ 7,839
Contractual Services	\$ 89,996	\$ 57,693	\$ 72,101	\$ 64,000	\$ 48,829	\$ 64,000	\$ 64,000	\$ 65,280
Other Services and Charges	\$ 9,163	\$ 9,350	\$ 9,342	\$ 14,617	\$ 6,994	\$ 14,617	\$ 14,617	\$ 14,909
Utilities	\$ 123,848	\$ 123,730	\$ 143,162	\$ 152,803	\$ 105,111	\$ 152,803	\$ 152,803	\$ 155,859
Repairs and Maintenance	\$ 36,225	\$ 43,393	\$ 32,409	\$ 39,461	\$ 10,989	\$ 39,461	\$ 39,461	\$ 40,250
Capital Outlay	\$ (974)	\$ (2,859)	\$ -	\$ 26,028	\$ 7,528	\$ 26,028	\$ 25,000	\$ 25,500
Total Treatment - City	\$ 530,677	\$ 510,651	\$ 580,402	\$ 586,403	\$ 427,231	\$ 599,506	\$ 600,092	\$ 612,094
Percentage Change		-3.8%	13.7%			3.3%	2.3%	2.0%
Treatment - Casco Township								
	566							
Personnel Costs	\$ 35	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Supplies	\$ 12,138	\$ 9,756	\$ 9,066	\$ 4,362	\$ 3,798	\$ 4,362	\$ 4,362	\$ 4,449
Admin/Computing/Equipment Fees	\$ 1,127	\$ 1,143	\$ 1,184	\$ 1,190	\$ 893	\$ 1,190	\$ 1,282	\$ 1,308
Contractual Services	\$ 5,728	\$ 10,945	\$ 11,024	\$ 10,000	\$ 4,757	\$ 10,000	\$ 10,000	\$ 10,200
Other Services and Charges	\$ 3,775	\$ 3,765	\$ 3,279	\$ 3,930	\$ 2,411	\$ 3,930	\$ 3,930	\$ 4,009
Utilities	\$ 13,499	\$ 23,482	\$ 11,864	\$ 15,100	\$ 8,680	\$ 15,100	\$ 15,100	\$ 15,402
Repairs and Maintenance	\$ 6,403	\$ 7,198	\$ 4,574	\$ 5,122	\$ 1,377	\$ 5,122	\$ 5,122	\$ 5,224
Capital Outlay	\$ 911	\$ 686	\$ -	\$ 3,981	\$ 2,152	\$ 3,981	\$ 3,981	\$ 4,061
Total Treatment - Casco Twp	\$ 43,615	\$ 56,975	\$ 40,991	\$ 43,685	\$ 24,068	\$ 43,685	\$ 43,777	\$ 44,653
Percentage Change		N/A	N/A			6.6%	0.2%	2.0%
Treatment - South Haven Township								
	567							
Personnel Costs	\$ 35	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Supplies	\$ 8,930	\$ 7,321	\$ 23,075	\$ 10,719	\$ 12,025	\$ 10,719	\$ 10,719	\$ 10,933
Admin/Computing/Equipment Fees	\$ 1,544	\$ 1,651	\$ 1,744	\$ 1,687	\$ 1,265	\$ 1,687	\$ 1,977	\$ 2,017
Contractual Services	\$ 8,778	\$ 10,191	\$ 28,258	\$ 9,000	\$ 15,599	\$ 9,000	\$ 9,000	\$ 9,180
Other Services and Charges	\$ 4,345	\$ 3,119	\$ 5,055	\$ 3,785	\$ 3,662	\$ 3,785	\$ 3,785	\$ 3,861
Utilities	\$ 20,413	\$ 19,092	\$ 37,438	\$ 22,800	\$ 27,487	\$ 22,800	\$ 22,800	\$ 23,256
Repairs and Maintenance	\$ 10,941	\$ 10,273	\$ 13,123	\$ 10,140	\$ 3,075	\$ 10,140	\$ 10,140	\$ 10,343
Capital Outlay	\$ 1,377	\$ 2,173	\$ -	\$ 2,389	\$ 922	\$ 2,389	\$ 2,389	\$ 2,437
Total Treatment - SH Twp	\$ 56,363	\$ 53,820	\$ 108,693	\$ 60,520	\$ 64,036	\$ 60,520	\$ 60,810	\$ 62,026
Percentage Change		N/A	N/A			-44.3%	0.5%	2.0%

Sewer Fund Activities (continued)

For informational purposes only

Expenditures by Activity	2010-11 Actual	2011-12 Actual	2012-13 Actual	2013-14 Budget	YTD (at 3/31/2014)	2013-14 Projected	2014-15 Proposed Budget	2015-16 Estimated Budget
Liftstations - City 570								
Personnel Costs	\$ 29,808	\$ 32,004	\$ 29,436	\$ 36,769	\$ 14,751	\$ 36,769	\$ 19,942	\$ 20,341
Supplies	\$ -	\$ -	\$ 40	\$ 1,525	\$ -	\$ 1,525	\$ 1,525	\$ 1,525
Admin/Computing/Equipment Fees	\$ 37,443	\$ 33,450	\$ 34,318	\$ 34,385	\$ 25,789	\$ 34,385	\$ 35,331	\$ 36,038
Contractual Services	\$ 14,102	\$ (20,777)	\$ 9,180	\$ 32,000	\$ 287	\$ 32,000	\$ 32,000	\$ 32,000
Other Services and Charges	\$ 901	\$ 538	\$ 411	\$ 1,114	\$ 336	\$ 1,114	\$ 1,114	\$ 1,114
Utilities	\$ 20,534	\$ 13,895	\$ 16,734	\$ 20,300	\$ 8,672	\$ 20,300	\$ 20,300	\$ 20,300
Repairs and Maintenance	\$ 18,866	\$ 14,159	\$ 2,821	\$ 20,000	\$ 6,880	\$ 20,000	\$ 20,000	\$ 20,000
Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ 3,244	\$ -	\$ -	\$ -
Total Liftstations - City	\$ 121,653	\$ 73,269	\$ 92,940	\$ 146,093	\$ 59,959	\$ 146,093	\$ 130,212	\$ 131,317
Percentage Change		N/A	26.8%			57.2%	-10.9%	0.8%
Liftstations - Casco Township 562								
Personnel Costs	\$ 15,462	\$ 8,421	\$ 6,771	\$ 13,184	\$ 3,156	\$ 13,184	\$ 6,863	\$ 7,000
Supplies	\$ 290	\$ -	\$ -	\$ 174	\$ -	\$ 174	\$ 174	\$ 177
Admin/Computing/Equipment Fees	\$ 2,713	\$ 2,480	\$ 2,591	\$ 2,629	\$ 1,972	\$ 2,629	\$ 2,942	\$ 3,001
Contractual Services	\$ 112	\$ 5,123	\$ 650	\$ 2,500	\$ 179	\$ 2,500	\$ 2,500	\$ 2,550
Other Services and Charges	\$ 371	\$ 525	\$ 419	\$ 942	\$ 261	\$ 942	\$ 942	\$ 961
Utilities	\$ 3,897	\$ 5,481	\$ 6,014	\$ 3,860	\$ 5,575	\$ 3,860	\$ 3,860	\$ 3,937
Repairs and Maintenance	\$ 3,846	\$ 4,219	\$ 4,065	\$ 4,000	\$ 1,084	\$ 4,000	\$ 4,000	\$ 4,080
Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,100	\$ 5,000
Total Liftstations - Casco Twp	\$ 26,692	\$ 26,249	\$ 20,510	\$ 27,289	\$ 12,228	\$ 27,289	\$ 26,381	\$ 26,707
Percentage Change		-1.7%	-21.9%			33.1%	-3.3%	1.2%
Liftstations - South Haven Township 569								
Personnel Costs	\$ 26,354	\$ 22,151	\$ 23,724	\$ 29,974	\$ 14,205	\$ 29,974	\$ 26,870	\$ 27,407
Supplies	\$ 290	\$ -	\$ 559	\$ 408	\$ -	\$ 408	\$ 408	\$ 416
Admin/Computing/Equipment Fees	\$ 3,745	\$ 9,495	\$ 9,884	\$ 10,022	\$ 7,516	\$ 10,022	\$ 11,036	\$ 11,257
Contractual Services	\$ 844	\$ 12,473	\$ 3,004	\$ 7,200	\$ 728	\$ 7,200	\$ 7,200	\$ 7,344
Other Services and Charges	\$ 1,410	\$ 2,174	\$ 1,516	\$ 1,699	\$ 955	\$ 1,699	\$ 1,699	\$ 1,733
Utilities	\$ 15,112	\$ 17,718	\$ 18,962	\$ 14,834	\$ 17,697	\$ 14,834	\$ 14,834	\$ 15,131
Repairs and Maintenance	\$ 17,315	\$ 10,935	\$ 6,163	\$ 8,342	\$ 21,678	\$ 8,342	\$ 8,342	\$ 8,509
Capital Outlay	\$ -	\$ -	\$ -	\$ 14,700	\$ 3,271	\$ 14,700	\$ 14,700	\$ 14,700
Total Liftstations - SH Twp	\$ 65,069	\$ 74,946	\$ 63,812	\$ 87,179	\$ 66,050	\$ 87,179	\$ 85,089	\$ 86,497
Percentage Change		N/A	-14.9%			36.6%	-2.4%	1.7%
IPP 560								
Personnel Costs	\$ 13,521	\$ 15,073	\$ 16,707	\$ 16,832	\$ 12,969	\$ 16,832	\$ 18,927	\$ 19,306
Supplies	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Admin/Computing/Equipment Fees	\$ 361	\$ 361	\$ 368	\$ 367	\$ 275	\$ 367	\$ 362	\$ 369
Contractual Services	\$ 32,200	\$ 20,681	\$ 26,472	\$ 31,000	\$ 17,841	\$ 31,000	\$ 31,000	\$ 31,620
Other Services and Charges	\$ 11	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Utilities	\$ 438	\$ 88	\$ 97	\$ 200	\$ 74	\$ 200	\$ 200	\$ 204
Repairs and Maintenance	\$ -	\$ 663	\$ -	\$ 1,000	\$ -	\$ 1,000	\$ 1,000	\$ 1,020
Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total IPP	\$ 46,532	\$ 36,866	\$ 43,644	\$ 49,399	\$ 31,159	\$ 49,399	\$ 51,489	\$ 52,519
Percentage Change		-20.8%	18.4%			13.2%	4.2%	2.0%
Administration 561								
Personnel Costs	\$ 153,222	\$ 209,077	\$ 215,873	\$ 221,114	\$ 163,215	\$ 222,736	\$ 227,812	\$ 227,812
Supplies	\$ -	\$ 108	\$ -	\$ 150	\$ 66	\$ 150	\$ 150	\$ 150
Admin/Computing/Equipment Fees	\$ 43,810	\$ 43,885	\$ 45,350	\$ 45,824	\$ 34,368	\$ 45,824	\$ 52,488	\$ 52,488
Contractual Services	\$ 7,962	\$ 4,929	\$ 5,881	\$ 8,500	\$ 2,389	\$ 8,500	\$ 13,500	\$ 13,500
Other Services and Charges	\$ 96,365	\$ 121,039	\$ 123,941	\$ 125,441	\$ 99,123	\$ 125,441	\$ 127,191	\$ 127,191
Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Administration	\$ 301,360	\$ 379,038	\$ 391,045	\$ 401,029	\$ 299,160	\$ 402,651	\$ 421,141	\$ 421,141
Percentage Change		25.8%	3.2%			3.0%	5.0%	0.0%
Debt Service 905								
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Percentage Change		N/A	N/A			N/A	N/A	N/A
Transfer Out 965								
Operating Transfers Out	\$ 268,279	\$ 269,209	\$ 253,766	\$ 284,158	\$ 179,250	\$ 276,752	\$ 204,915	\$ 201,325
Total Transfer Out	\$ 268,279	\$ 269,209	\$ 253,766	\$ 284,158	\$ 179,250	\$ 276,752	\$ 204,915	\$ 201,325
Percentage Change		0.3%	-5.7%			9.1%	-27.9%	-1.8%
Total Expenditures								
Personnel Costs	\$ 542,210	\$ 612,082	\$ 638,312	\$ 658,205	\$ 474,495	\$ 662,600	\$ 600,945	\$ 608,408
Supplies	\$ 108,593	\$ 94,555	\$ 144,790	\$ 116,837	\$ 79,088	\$ 131,043	\$ 131,043	\$ 133,630
Admin/Computing/Equipment Fees	\$ 144,231	\$ 148,383	\$ 154,034	\$ 153,662	\$ 115,246	\$ 153,662	\$ 166,591	\$ 168,873
Contractual Services	\$ 194,274	\$ 335,731	\$ 538,939	\$ 275,400	\$ 256,691	\$ 360,400	\$ 240,400	\$ 244,298
Other Services and Charges	\$ 116,402	\$ 157,038	\$ 158,046	\$ 169,988	\$ 124,654	\$ 169,988	\$ 171,738	\$ 172,607
Utilities	\$ 199,452	\$ 204,565	\$ 235,439	\$ 231,723	\$ 175,698	\$ 231,723	\$ 231,723	\$ 235,951
Repairs and Maintenance	\$ 94,160	\$ 100,526	\$ 73,028	\$ 95,065	\$ 46,276	\$ 95,065	\$ 95,065	\$ 96,566
Depreciation	\$ 244,545	\$ 272,728	\$ 408,433	\$ 275,000	\$ 206,250	\$ 401,200	\$ 400,000	\$ 408,000
Capital Outlay	\$ (1,524)	\$ -	\$ 301	\$ 330,098	\$ 368,440	\$ 407,098	\$ 255,170	\$ 405,789
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating Transfers Out	\$ 268,279	\$ 269,209	\$ 253,766	\$ 284,158	\$ 179,250	\$ 276,752	\$ 204,915	\$ 201,325
Total	\$ 1,910,621	\$ 2,194,817	\$ 2,605,088	\$ 2,590,136	\$ 2,026,089	\$ 2,889,531	\$ 2,497,590	\$ 2,675,448
Percentage Change		14.9%	18.7%			10.9%	-3.6%	7.1%

Residential Utility Bill Comparison
 PROPOSED RATES EFFECTIVE JULY 1, 2014

4/23/2014

Monthly Usage in Cu. Ft.	1000		
Current Water Rate per 100 Cu. Ft.	2.13		
Proposed Water Rate per 100 Cu. Ft.	2.17	2%	1.02
Current Sewer Rate per 100 Cu. Ft.	2.58		
Proposed Sewer Rate per 100 Cu. Ft.	2.68	4%	1.04
Water Meter Size	5/8"-3/4"		
Monthly Electric Usage - KWH	750		
Current Rate per KWH	0.100		
Proposed Rate per KWH	0.100		

<u>City Customers</u>	<u>Current</u>	<u>Proposed</u>	<u>Change</u>	<u>Percent Change</u>
Water Usage	21.30	21.73	0.43	2.0%
Water Capital Replacement	1.88	1.92	0.04	2.0%
Water Ready-To-Serve	6.62	6.75	0.13	2.0%
Water Capital Improvement	3.96	4.04	0.08	2.0%
Water Plant Debt Service	18.70	19.07	0.37	2.0%
Sewer Usage	25.80	26.83	1.03	4.0%
Sewer Capital Replacement	1.94	2.02	0.08	4.0%
Sewer Ready-To-Serve	8.07	8.39	0.32	4.0%
Sewer Debt Service	5.51	5.73	0.22	4.0%
Sewer Capital Improvement	5.90	6.14	0.24	4.0%
Electric Usage	75.00	75.00	-	0.0%
Basic Electric Charge	5.50	5.50	-	0.0%
Total Utility Bill	180.18	183.12	\$ 2.94	1.6%
Total Water Bill	52.46	53.51	1.05	2.0%
Total Sewer Bill	47.22	49.11	1.89	4.0%
Total Electric Bill	80.50	80.50	-	0.0%

Residential Utility Bill Comparison
PROPOSED RATES EFFECTIVE JULY 1, 2014

4/23/2014

Monthly Usage in Cu. Ft.	1000		
Current Water Rate per 100 Cu. Ft.	2.13		
Proposed Water Rate per 100 Cu. Ft.	2.17	2%	1.02
Current Sewer Rate per 100 Cu. Ft.	2.58		
Proposed Sewer Rate per 100 Cu. Ft.	2.68	4%	1.04
Water Meter Size	5/8"-3/4"		
Monthly Electric Usage - KWH	750		
Current Rate per KWH	0.100		
Proposed Rate per KWH	0.100		

<u>South Haven Township</u>	<u>Current</u>	<u>Proposed</u>	<u>Change</u>	<u>Percent Change</u>
Water Usage	21.30	21.73	0.43	2.0%
Water Capital Replacement	1.88	1.92	0.04	2.0%
Water Ready-To-Serve	6.62	6.75	0.13	2.0%
Water Plant Debt Service	18.70	19.07	0.37	2.0%
Water Authority Debt Service	13.00	13.00	-	0.0%
Sewer Usage	25.80	26.83	1.03	4.0%
Sewer Capital Replacement	1.94	2.02	0.08	4.0%
Sewer Ready-To-Serve	8.07	8.39	0.32	4.0%
Sewer Authority Debt Service	18.00	18.00	-	0.0%
Electric Usage	75.00	75.00	-	0.0%
Basic Electric Charge	5.50	5.50	-	0.0%
Total Utility Bill	195.81	198.21	\$ 2.40	1.2%
Total Water Bill	61.50	62.47	0.97	1.6%
Total Sewer Bill	53.81	55.24	1.43	2.7%
Total Electric Bill	80.50	80.50	-	0.0%

<u>Casco Township</u>	<u>Current</u>	<u>Proposed</u>	<u>Change</u>	<u>Percent Change</u>
Water Usage	21.30	21.73	0.43	2.0%
Water Capital Replacement	1.88	1.92	0.04	2.0%
Water Ready-To-Serve	6.62	6.75	0.13	2.0%
Water Plant Debt Service	18.70	19.07	0.37	2.0%
Water Authority Debt Service	24.00	24.00	-	0.0%
Sewer Usage	25.80	26.83	1.03	4.0%
Sewer Capital Replacement	1.94	2.02	0.08	4.0%
Sewer Ready-To-Serve	8.07	8.39	0.32	4.0%
Sewer Authority Debt Service	36.00	36.00	-	0.0%
Total Utility Bill	144.31	146.71	\$ 2.40	1.7%
Total Water Bill	72.50	73.47	0.97	1.3%
Total Sewer Bill	71.81	73.24	1.43	2.0%

Residential Utility Bill Comparison
 PROPOSED RATES EFFECTIVE JULY 1, 2014

4/23/2014

Monthly Usage in Cu. Ft.	1000		
Current Water Rate per 100 Cu. Ft.	2.13		
Proposed Water Rate per 100 Cu. Ft.	2.17	2%	1.02
Current Sewer Rate per 100 Cu. Ft.	2.58		
Proposed Sewer Rate per 100 Cu. Ft.	2.68	4%	1.04
Water Meter Size	5/8"-3/4"		
Monthly Electric Usage - KWH	750		
Current Rate per KWH	0.100		
Proposed Rate per KWH	0.100		

<u>Covert Township</u>	<u>Current</u>	<u>Proposed</u>	<u>Change</u>	<u>Percent Change</u>
Water Usage	21.30	21.73	0.43	2.0%
Water Capital Replacement	1.88	1.92	0.04	2.0%
Water Ready-To-Serve	6.62	6.75	0.13	2.0%
Water Plant Debt Service	18.70	19.07	0.37	2.0%
Total Covert Utility Bill	48.50	49.47	\$ 0.97	2.0%

<u>Geneva Township</u>	<u>Current</u>	<u>Proposed</u>	<u>Change</u>	<u>Percent Change</u>
Electric Usage	75.00	75.00	-	0.0%
Basic Electric Charge	5.50	5.50	-	0.0%
Total Utility Bill	80.50	80.50	\$ -	0.0%