



Village of

Little Chute

AGENDA

VILLAGE OF LITTLE CHUTE UTILITY COMMISSION MEETING

PLACE: Little Chute Village Hall, Board Room

DATE: Tuesday, December 6, 2016

TIME: 6:00 p.m.

- A. Call to Order**
 - B. Roll Call**
 - C. Public Appearance for Items Not on the Agenda**
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- 1. Approval of Minutes**
Utility Commission Minutes of November 15, 2016
- 2. Discussion/Action—Wellhouse #1 Bid Recommendation**
- 3. Discussion—2017 Budget**
- 4. Progress Reports**
 - a. MCO Operations Update**
 - b. Director of Public Works**
 - c. Finance Director**
- 5. Approval of Vouchers**
- 6. Unfinished Business**
- 7. Items for Future Agenda**
- 8. Adjournment**

Requests from persons with disabilities who need assistance to participate in this meeting should be made with as much advance notice as possible to the Clerk's Office at 108 West Main Street, (920) 423-3852

Prepared: December 1, 2016

MINUTES OF THE UTILITY COMMISSION MEETING – NOVEMBER 15, 2016

Call to Order

The Utility Commission meeting was called to order at 6:00 P.M. by Kevin Coffey, Chair

Roll Call

PRESENT: Kevin Coffey, Chair
Mark Gloudemans
Tim Wegand
Jessica Schultz
Michael Vanden Berg
EXCUSED: Tim Bevers

ALSO PRESENT: Village Administrator James Fenlon, Finance Director Teri Matheny, Director of Public Works Jeff Elrick, MCO Rep. Jerry Verstegen

Public Appearance for Items Not on the Agenda

None

Approval of Minutes

Moved by M. Gloudemans, seconded by T. Wegand to Approve the Minutes of September 20, 2016 as presented

All Ayes – Motion Carried

Action—Election of Officers

Moved by M. Gloudemans, seconded by J. Schultz to Appoint Kevin Coffey as the Chair and Tim Wegand as the Secretary

All Ayes – Motion Carried

Action—2017 MCO Contract

Administrator Fenlon noted how the packet contains a brief memo and a letter from MCO explaining the 2016 total and adjustments for 2017. Total contract change is 1.7% which is just under \$6,000. Director Matheny noted that Jerry Verstegen is paid separately for mileage on his vehicle because we chose not to replace his vehicle. Also, there is a separate contract for meter reading. Jerry Verstegen said that concessions were made on health insurance to keep the costs down. He also noted that it is difficult to find qualified help, but currently they have good operators.

Moved by K. Coffey, seconded by M. Gloudemans to Accept the 2017 Contract for Renewal with MCO for the amount of \$353,588.41 for an increase of 1.7%

All Ayes – Motion Carried

Discussion—Private Wells

Jerry Verstegen stated that we are up on all the 5 year permits for all active wells. Jerry wants to change permits to start 1/1/17 because of DNR requirements. There are five/six properties that are looking for well permits. A well driller needs to inspect the well every 10 years and the property owner will be given through 2017 to get it done. The cost of the permit is being suggested at \$100 per year or the option to pay the \$500 for all five years. There are currently six wells that need abandonment as a cost of about \$1,200 for each. These six/seven wells will get notices on 1/1/2017 and will have 12 months to either abandon or get a permit for the well and a plan will be put in place to enforce this. Jerry will bring permits and costs to the next meeting for approval

Progress Reports

MCO Operations Update

Jerry Verstegen gave an update for current, past and ongoing Water Department projects and areas of concern. Well #1 is in the bid process. The second meter notices have been issued. Working with Kaukauna Utilities and local electrician, to separate the power at Well #1. Well #4 reservoir cleaning and inspection is scheduled. Water main project on Tulip for Lexington is complete. The second notices on meter changes have been issued. The 2017 Budget is complete.

Director of Public Works

Public Works Director Elrick stated that the storm water pump in the Industrial Park pond is repaired and is working fine. The utility contractor started at Legion Park and moving to Industrial Park. Director Elrick is working with a commercial business man and the county to figure out the cause of the rise in ammonia in the sewer system and what should be done. Continuing to work with the Finance Director on the budget.

Finance Director

Finance Director Matheny stated that the HOV expense is going up because of the ammonia issue. The time might be here where monthly monitoring needs to occur for businesses with strength concerns. There is about \$80,000 delinquent water bills that will hit the tax roll. The Safe Drinking Water is approved, but can't draw until rate order is in place. The rate filing is in process. Residents have approached with questions on how to replace laterals and we need to have policies in place.

Approval of Vouchers

Moved by K. Coffey, seconded by T. Wegand to approve and authorize payment of the vouchers and draw from the respective funds

All Ayes – Motion Carried

Unfinished Business

Administrator Fenlon mentioned the importance of the Utility Department Heads meeting during the week of Utility meeting. The members are: Administrator, Public Works Director, Finance Director, Village Engineer and MCO. The weekly meeting will discuss: operating management, financial solvency of utilities, future CIP, and development.

Items for Future Agenda

December: Private wells regarding permit and abandonment with respect to forms and fees, rate case. For 2017: Ammonia surcharge and updating the ordinance, water modeling, water capacity, storm, lead services, residential lateral replacement program, property inquire form—how it is noted for future buyer, and purchase of meters.

Adjournment

Moved by M. Gloudemans, seconded by J. Schultz to adjourn the meeting at 7:39 p.m.

All Ayes – Motion Carried

Attest: Laurie Decker, Village Clerk

By: Kevin Coffey, Chair

**Sewer Utility
610-53610**

Acct Number	2014 Actual	2015 Actual	2016 Adopted	2016 Amended	2016 Estimated	2017 Dept Request	2017 Admin Recommend	2017 Adopted Budget
REVENUE								
32290 Lateral Permits	2,040	3,960	2,500	2,500	3,500	2,500	-	-
34449 Residential - Multi Family	136,251	144,065	135,000	135,000	142,000	142,000	-	-
34450 Sales Residential	1,169,599	1,187,908	1,150,000	1,150,000	1,160,000	1,160,000	-	-
34451 Sales Commercial	209,764	205,974	200,000	200,000	210,000	210,000	-	-
34452 Sales Industrial	663,669	718,848	675,000	675,000	760,000	760,000	-	-
34464 Sales Public Authorities	109,231	113,818	100,000	100,000	168,000	168,000	-	-
34470 Forfeited Discounts	6,372	8,532	8,000	8,000	8,000	8,000	-	-
34471 Lateral Non-Compliance Fee	10,408	8,853	8,000	8,000	8,400	8,000	-	-
34474 Non-Resident Surcharge	13,538	18,086	17,500	17,500	28,000	28,000	-	-
34475 Other Operating Revenue	120	120	120	120	381	120	-	-
34901 Other Charges for Services	1,212	-	-	-	-	-	-	-
Operating Revenue	2,322,204	2,410,115	2,296,120	2,296,120	2,488,281	2,486,620	-	-
OPERATING EXPENSES								
53611 Treatment Expenses	1,293,585	1,121,939	1,100,000	1,100,000	1,450,000	1,500,000	-	-
53612 Collection Expenses	128,991	118,172	170,736	170,736	105,115	189,656	-	-
53613 Customer Accounts Expenses	34,393	74,323	64,326	64,326	80,895	97,312	-	-
53614 Admin & General Expenses	107,171	90,097	114,848	114,848	99,217	112,749	-	-
53610-403 Depreciation	185,656	193,757	190,000	190,000	193,050	193,000	-	-
53610-404 Depreciation-Contributed	-	-	-	-	-	-	-	-
Total Operating Expenses	1,749,796	1,598,286	1,639,910	1,639,910	1,928,277	2,092,717	-	-
Operating Income	572,408	811,829	656,210	656,210	560,004	393,903	-	-
NONOPERATING REVENUES (EXPENSES)								
36101 Interest Income	11,435	16,606	8,000	8,000	9,000	8,000	-	-
37901 Interest-Special Assessment	1,196	825	1,500	1,500	825	825	-	-
39500 Gains/(Loss) on Investments	728	(1,563)	1,000	1,000	4,500	1,000	-	-
53614-225 Other Non Operating Expense	-	-	-	-	-	-	-	-
38612 Insurance Reimbursement	-	-	-	-	-	-	-	-
37902 Special Charges	9,218	8,306	8,000	8,000	7,000	7,000	-	-
	22,577	24,173	18,500	18,500	21,325	16,825	-	-
53610-427 Interest Expense	(54,920)	(36,235)	(31,936)	(31,936)	(31,936)	(23,655)	-	-
53610-431 Capitalized & Other Interest	-	-	-	-	-	-	-	-
	(54,920)	(36,235)	(31,936)	(31,936)	(31,936)	(23,655)	-	-
53610-428 Amort. Of Debt Discount	(219)	(764)	(810)	(810)	(810)	(802)	-	-
53610-434 Amort. Of Refunding	(149)	-	-	-	-	-	-	-
Total Non-Operating Revenue (Expense)	(32,711)	(12,826)	(14,246)	(14,246)	(11,421)	(7,632)	-	-
Income before Capital Contributions and Transfers	539,697	799,003	641,964	641,964	548,583	386,271	-	-
39500 Capital Contributions	-	44,275	-	-	-	-	-	-
53610-409 Payment In Lieu of Tax	(8,639)	(8,572)	(8,400)	(8,400)	(8,600)	(8,800)	-	-
Total Contributions&Transfer	(8,639)	35,703	(8,400)	(8,400)	(8,600)	(8,800)	-	-
53610-431 Change In Net Assets	531,058	834,706	633,564	633,564	539,983	377,471	-	-

SOURCES & USES OF FUNDS

	2014 Actual	2015 Actual	2016 Adopted	2016 Amended	2016 Estimated	2017 Dept Request	2017 Admin Recommend	2017 Adopted Budget
+ Net Income	531,058	790,431	633,564	633,564	539,983	377,471	-	-
+ Depreciation	185,656	193,757	190,000	190,000	193,050	193,000	-	-
+ Amortization-Issue Expense	219	764	810	810	810	802	-	-
+ Long-term Debt	-	575,000	-	-	-	-	-	-
- Fixed assets(Capital Expense)	(783,900)	(380,500)	(617,900)	(617,900)	(617,900)	-	-	-
- Principal Repayment	(1,029,423)	(1,029,642)	(250,327)	(250,327)	(250,327)	(260,624)	(260,624)	-
+ Private Lateral Assessments	93,537	72,800	106,400	106,400	106,400	-	-	-
+ Transfer to/from Water Utility	(8,639)	(8,572)	(8,400)	(8,400)	(8,600)	(8,800)	-	-
+ Transfer to/from Reserve	-	-	-	-	-	-	-	-
+ Transfer to/from Capital Projects	-	-	-	-	-	-	-	-
+ Transfer to/from Debt Service	-	-	-	-	-	-	-	-
Net Change	(1,011,492)	214,038	54,147	54,147	(36,584)	301,849	(260,624)	-
Capital Contributions	-	44,275	-	-	-	-	-	-
CAPITAL EXPENSE PLAN (Fixed Assets line above)								
19201 Equipment Replacement	-	-	-	-	-	-	-	-
19202 New Equipment	-	-	-	-	-	-	-	-
19220 Mains-Relays	673,900	307,700	511,500	511,500	511,500	-	-	-
19225 Lateral Relay	-	-	-	-	-	-	-	-
Private Laterals	110,000	72,800	106,400	106,400	106,400	-	-	-
19230 Mains-New Extensions	-	-	-	-	-	-	-	-
19240 Mains-Subdivisions	-	-	-	-	-	-	-	-
Total Capital Plan	783,900	380,500	617,900	617,900	617,900	-	-	-
To Fixed Assets line above								
DEBT SERVICE REQUIREMENTS								
ALL DEBT								
Operating Revenues	2,322,204	2,410,115	2,296,120	2,296,120	2,488,281	2,486,620	-	-
Less: Operating Expenses	(1,564,140)	(1,404,530)	(1,449,910)	(1,449,910)	(1,735,227)	(1,899,717)	-	-
Add: Depreciation	185,656	193,757	190,000	190,000	193,050	193,000	-	-
Add: Evergreen Dr assessments	-	-	-	-	-	-	-	-
Add: Interest Income	22,577	24,173	18,500	18,500	21,325	16,825	-	-
Net revenue for All coverage	966,297	1,223,515	1,054,710	1,054,710	967,429	796,728	-	-
Debt Service (G.O. & Revenue)	465,565	291,917	292,560	292,560	292,560	301,502	-	-
Coverage Requirement	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
Required Net Revenue	581,956	364,896	365,700	365,700	365,700	376,878	-	-
Excess/(deficit) revenue	384,341	858,619	689,010	689,010	601,729	419,851	-	-
All Debt coverage ratio	2.08	4.19	3.61	3.61	3.31	2.64	#DIV/0!	#DIV/0!
REVENUE BONDS ONLY								
Operating Revenues	2,322,204	2,410,115	2,296,120	2,296,120	2,488,281	2,486,620	-	-
Less: Operating Expenses	(1,564,140)	(1,404,530)	(1,449,910)	(1,449,910)	(1,735,227)	(1,899,717)	-	-
Add: Depreciation	185,656	193,757	190,000	190,000	193,050	193,000	-	-
Add: Evergreen Dr assessments	-	-	-	-	-	-	-	-
Add: Interest Income	22,577	24,173	18,500	18,500	21,325	16,825	-	-
Net revenue for Rev. coverage	966,297	1,223,515	1,054,710	1,054,710	967,429	796,728	-	-
Debt Service (Revenue)	155,853	-	-	-	-	-	-	-
Coverage Requirement	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
Required Net Revenue	169,816	-	-	-	-	-	-	-
Excess/(deficit) revenue	796,481	1,223,515	1,054,710	1,054,710	967,429	796,728	-	-
Revenue Bond coverage ratio	7.11	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

		Sewer Utility Expense Detail							
Acct Number		2014 Actual	2015 Actual	2016 Adopted	2016 Amended	2016 Estimated	2017 Dept Request	2017 Admin Recommend	2017 Adopted Budget
53611	Treatment Expense								
225	HOV Metro Disposal Fees	1,293,585	1,121,939	1,100,000	1,100,000	1,450,000	1,500,000	-	-
228	HOV Surcharge	-	-	-	-	-	-	-	-
255	Maintenance - Plant	-	-	-	-	-	-	-	-
	Total Treatment Expense	1,293,585	1,121,939	1,100,000	1,100,000	1,450,000	1,500,000	-	-
53612	Collection Expense								
101	Salaries	66,825	63,264	82,752	82,752	51,622	103,217	-	-
102	Part-Time Wages	1,022	1,081	300	300	1,000	1,000	-	-
103	Social Security	5,063	4,789	6,369	6,369	4,035	7,988	-	-
104	Retirement	4,881	4,380	5,475	5,475	3,480	7,032	-	-
105	Health Insurance	20,580	18,379	25,485	25,485	14,000	29,929	-	-
106	Longevity	-	-	-	-	-	-	-	-
107	Life Insurance	35	66	106	106	45	131	-	-
108	Dental Insurance	1,275	1,222	1,668	1,668	925	2,140	-	-
109	Disability Insurance	144	246	331	331	-	619	-	-
110	Overtime	210	20	200	200	100	200	-	-
115	Utility Locates	-	-	-	-	-	-	-	-
201	Training/Conferences	-	-	-	-	-	-	-	-
204	Contractual Services	336	579	1,000	1,000	-	-	-	-
205	Equipment Repair	-	-	100	100	-	-	-	-
208	Books, Subscriptions	-	-	-	-	-	-	-	-
209	Telephone Locates	6,821	5,207	7,000	7,000	7,000	5,500	-	-
210	Equipment Rental	-	-	250	250	-	250	-	-
211	Railroad Easement	180	180	250	250	180	250	-	-
213	Safety Equipment	-	-	250	250	539	550	-	-
216	Construction Materials	-	(589)	500	500	915	500	-	-
218	Operational Supplies	21	157	200	200	271	250	-	-
221	Small Equipment	-	-	500	500	503	500	-	-
224	Mapping	-	-	-	-	-	-	-	-
227	Public Information	75	-	-	-	-	-	-	-
247	Vehicle	6,325	6,606	7,000	7,000	7,000	7,000	-	-
249	Utilities	-	-	-	-	-	-	-	-
251	Maintenance-Mains	791	746	8,000	8,000	1,500	5,000	-	-
253	Maintenance-Meters	12,343	11,839	13,000	13,000	12,000	12,500	-	-
256	Maintenance-I & I	-	-	10,000	10,000	-	5,000	-	-
261	Engineering	2,124	-	-	-	-	-	-	-
264	SSES	-	-	-	-	-	-	-	-
301	Camera (50 sewer/50 storm)	-	-	-	-	-	-	-	-
	Total Collection Expense	128,991	118,172	170,736	170,736	105,115	189,656	-	-

		Sewer Utility Expense Detail							
Acct Number		2014 Actual	2015 Actual	2016 Adopted	2016 Amended	2016 Estimated	2017 Dept Request	2017 Admin Recommend	2017 Adopted Budget
53613	Customer Accounts Expense								
101	Salaries	3,568	3,720	30,982	30,982	17,200	18,839	-	-
102	Part-time Wages	-	-	-	-	-	11,372	-	-
103	Social Security	260	277	2,370	2,370	1,470	2,464	-	-
104	Retirement	249	259	2,045	2,045	1,275	2,190	-	-
105	Health Insurance	1,466	1,438	11,387	11,387	5,400	5,475	-	-
107	Life Insurance	5	5	47	47	20	49	-	-
108	Dental Insurance	98	95	745	745	470	492	-	-
109	Disability Insurance	13	14	150	150	60	181	-	-
110	Overtime	-	84	-	-	2,000	2,000	-	-
204	Billing Services	28,739	68,432	16,600	16,600	53,000	54,250	-	-
	Total Customer Accounts Expense	34,393	74,323	64,326	64,326	80,895	97,312	-	-
53614	Admin & General Expense								
101	Salaries	47,510	49,285	52,832	52,832	44,250	49,235	-	-
102	Part-Time Wages	701	119	-	-	3,000	-	-	-
103	Social Security	3,615	3,717	4,042	4,042	3,615	3,766	-	-
104	Retirement	3,293	3,240	3,487	3,487	3,215	3,348	-	-
105	Health Insurance	10,740	8,944	13,375	13,375	8,600	11,690	-	-
107	Life Insurance	35	36	56	56	30	53	-	-
108	Dental Insurance	601	507	875	875	450	738	-	-
109	Disability Insurance	162	194	331	331	175	619	-	-
110	Overtime	-	-	-	-	-	-	-	-
113	Unemployment Compensation	-	-	-	-	-	-	-	-
201	Training/Conferences	260	56	1,000	1,000	400	1,000	-	-
208	Telephone	-	-	-	-	-	-	-	-
204	Monitoring/Contract Services	30	1,833	10,000	10,000	6,000	7,500	-	-
206	Office Supplies	88	70	500	500	500	500	-	-
208	Books, Subscrip., Dues	-	95	200	200	-	200	-	-
225	Other	8,521	-	-	-	-	-	-	-
226	Postage	-	-	-	-	-	-	-	-
227	Public Information	170	72	1,000	1,000	150	1,000	-	-
229	Investment Service fee	2,191	2,119	2,500	2,500	3,000	3,000	-	-
230	Workers Comp Insurance	2,800	3,000	3,250	3,250	3,000	4,500	-	-
231	Property & Liab. Insurance	7,500	6,209	7,800	7,800	9,232	11,000	-	-
239	Rent	6,600	6,600	6,600	6,600	6,600	6,600	-	-
240	Computer Maintenance	-	-	-	-	-	-	-	-
261	Engineering	4,854	-	-	-	-	-	-	-
262	Legal/Audit	7,500	4,000	7,000	7,000	7,000	8,000	-	-
	Total Admin & General Expense	107,171	90,097	114,848	114,848	99,217	112,749	-	-

**Water Utility
620-59600**

Acct Number		2014 Actual	2015 Actual	2016 Adopted	2016 Amended	2016 Estimated	2017 Dept Request	2017 Admin Recommend	2017 Adopted Budget
REVENUE									
32280	Well Permit	139	139	150	150	139	1,100	-	-
34449	Residential Multi-Family	80,953	90,171	89,000	89,000	88,500	93,450	-	-
34450	Sales Residential	843,511	890,011	900,000	900,000	890,000	934,500	-	-
34451	Sales Commercial	140,485	158,368	163,000	163,000	152,500	160,125	-	-
34452	Sales Industrial	431,588	461,714	450,000	450,000	484,675	509,000	-	-
34462	Private Fire Protection	43,205	47,733	45,000	45,000	49,925	52,425	-	-
34463	Public Fire Protection	391,040	396,960	398,500	398,500	398,500	403,425	-	-
34464	Sales Public Authorities	35,478	41,476	45,000	45,000	44,400	46,600	-	-
34470	Forfeited Discounts	4,757	4,884	5,000	5,000	6,000	7,000	-	-
34473	Reconnection Fee	80	80	100	100	80	100	-	-
34475	Other Operating	12,795	12,206	13,000	13,000	12,105	12,000	-	-
34476	Private Inspections	-	-	-	-	-	-	-	-
Operating Revenue		1,984,031	2,103,742	2,108,750	2,108,750	2,126,824	2,219,725	-	-
OPERATING EXPENSES									
53604	Water Source Expenses	33,717	22,452	27,889	27,889	30,630	31,869	-	-
53624	Pumping Expenses	219,088	223,201	233,889	233,889	206,737	251,581	-	-
53634	Treatment Expenses	349,777	326,182	337,639	337,639	344,170	400,081	-	-
53644	Distribution Expenses	333,932	358,274	431,818	431,818	346,176	387,087	-	-
53904	Customer Accounts Expenses	34,385	57,793	67,565	67,565	54,455	58,582	-	-
53924	Admin & General Expenses	71,311	63,619	95,792	95,792	98,859	114,438	-	-
59600-408	Taxes	2,097	2,168	2,200	2,200	2,200	2,200	-	-
59600-403	Depreciation	312,903	333,824	325,000	325,000	333,950	340,000	-	-
59600-404	Depreciation-Contributed	71,432	75,776	70,000	70,000	75,000	75,000	-	-
Total Operating Expenses		1,428,642	1,463,290	1,591,792	1,591,792	1,492,177	1,660,838	-	-
Operating Income		555,389	640,452	516,958	516,958	634,647	558,887	-	-
NONOPERATING REVENUES (EXPENSES)									
36101	Interest on Investments	8,128	9,232	8,000	8,000	7,000	5,000	-	-
39500	Gains/(Loss) on Investments	3,326	1,144	2,000	2,000	2,500	1,000	-	-
		11,454	10,376	10,000	10,000	9,500	6,000	-	-
59600-427	Interest Expense	(142,002)	(111,605)	(98,895)	(98,895)	(82,927)	(52,304)	-	-
59600-431	Capitalized & Other Interest	-	-	-	-	-	-	-	-
		(142,002)	(111,605)	(98,895)	(98,895)	(82,927)	(52,304)	-	-
59600-428	Amortiz. Of Debt Discount	1,159	1,584	1,230	1,230	1,390	1,157	-	-
379902	Special Charges Interest	393	389	100	100	100	100	-	-
34472	Tower Lease	44,243	42,339	45,272	45,272	45,248	46,633	-	-
37901	Interest on Special Assessments	-	-	1,000	1,000	842	-	-	-
34521	Misc. Non-Operating Income	-	-	-	-	-	-	-	-
34471	Misc Charges	808	-	-	-	1,300	1,000	-	-
		45,444	42,729	46,372	46,372	47,490	47,733	-	-
Total Non-Operating Revenue (Expense)		(83,945)	(56,917)	(41,293)	(41,293)	(24,547)	2,586	-	-
Income before Capital Contributions and Transfers		471,444	583,535	475,665	475,665	610,100	561,473	-	-
39600	Capital Contributions	10,696	-	-	-	-	-	-	-
59600-409	Payment in Lieu of Tax	(207,596)	(207,428)	(208,000)	(208,000)	(207,400)	(207,400)	-	-
59600-425	PSC Amortiz. Account	31,400	(31,400)	(31,400)	(31,400)	(31,400)	(31,400)	-	-
59600-434	Amortiz. Of Refunding	-	-	-	-	-	-	-	-
Total Contributions & Transfers		(165,500)	(238,828)	(239,400)	(239,400)	(238,800)	(238,800)	-	-
Change in Net Assets		305,944	344,707	236,265	236,265	371,300	322,673	-	-

SOURCES & USES OF FUNDS		Water Utility					2016	2016	2016
		2014	2015	2016	2016	2016	Dept	Admin	Adopted
		Actual	Actual	Adopted	Amended	Estimated	Request	Recommend	Budget
	+ Net Income	295,248	344,707	236,265	236,265	371,300	322,673	-	-
	+ Depreciation	384,335	409,600	395,000	395,000	408,950	415,000	-	-
	+ Amortization-Issue Expense	(1,159)	(1,584)	(1,230)	(1,230)	(1,390)	(1,157)	-	-
	+ Long-term Debt	-	410,000	-	-	1,495,000	-	-	-
	- Fixed assets(Capital Expense)	(1,133,000)	(1,165,000)	(568,700)	(568,700)	(568,700)	(1,369,500)	(1,369,500)	-
	- Principal Repayment	(638,929)	(735,645)	(778,489)	(778,489)	(778,489)	(797,165)	(797,165)	-
	+ Evergreen Dr assessments	-	-	-	-	-	-	-	-
	+ Jefferson tower paint amortization	14,800	-	-	-	-	-	-	-
	+ Transfer to/from Debt Service	-	-	-	-	-	-	-	-
	Net Change	(1,078,705)	(737,921)	(717,154)	(717,154)	926,671	(1,430,149)	(2,166,665)	-
	Capital Contributions	10,696	-	-	-	-	-	-	-
	CAPITAL EXPENSE PLAN (Fixed Assets line above)								
19201	Equipment Replacement	18,000	50,000	50,000	50,000	50,000	-	-	-
19202	New Equipment	-	-	-	-	-	-	-	-
19203	Meters	5,000	5,000	21,600	21,600	21,600	57,000	57,000	-
19204	Hydrants	10,000	10,000	10,000	10,000	10,000	12,500	12,500	-
19205	Valves/Valve Boxes	-	-	-	-	-	-	-	-
19210	Buildings-Replacement	-	-	55,600	55,600	55,600	-	-	-
19215	Buildings-New	-	-	-	-	-	-	-	-
19220	Mains-Relays	1,100,000	1,100,000	416,500	416,500	416,500	-	-	-
19230	Mains-New Extensions	-	-	-	-	-	-	-	-
19240	Mains-Subdivisions	-	-	-	-	-	-	-	-
19250	Plants	-	-	15,000	15,000	15,000	1,300,000	1,300,000	-
19253	Towers/Reservoirs	-	-	-	-	-	-	-	-
19254	Pumps	-	-	-	-	-	-	-	-
	Total Capital Plan	1,133,000	1,165,000	568,700	568,700	568,700	1,369,500	1,369,500	-
	<i>To Fixed Assets line above</i>								
	DEBT SERVICE REQUIREMENTS								
	ALL DEBT								
	Operating Revenues	1,984,031	2,103,742	2,108,750	2,108,750	2,126,824	2,219,725	-	-
Less:	Operating Expenses	(1,426,545)	(1,461,122)	(1,589,592)	(1,589,592)	(1,414,977)	(1,583,638)	-	-
Add Back:	Depreciation-Regular	312,903	333,824	325,000	325,000	333,950	340,000	-	-
Add:	Evergreen Dr assessments	-	-	-	-	-	-	-	-
Add:	Interest Income	11,454	10,376	11,000	11,000	10,342	6,000	-	-
	Net revenue for All coverage	881,843	986,820	855,158	855,158	1,056,139	982,087	-	-
	Debt Service(G.O. & Revenue)	903,730	549,081	894,412	894,412	744,412	640,223	-	-
	Coverage Requirement	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
	Required Net Revenue	1,129,663	686,351	1,118,015	1,118,015	930,515	800,279	-	-
	Excess/(deficit) revenue	(247,820)	300,469	(262,857)	(262,857)	125,624	181,808	-	-
	All Debt coverage ratio	0.98	1.80	0.96	0.96	1.42	1.53	#DIV/0!	#DIV/0!
	REVENUE BONDS ONLY								
	Operating Revenues	1,984,031	2,103,742	2,108,750	2,108,750	2,126,824	2,219,725	-	-
Less:	Operating Expenses	(1,355,113)	(1,385,346)	(1,589,592)	(1,589,592)	(1,414,977)	(1,583,638)	-	-
Add Back:	Depreciation-Regular	312,903	333,824	325,000	325,000	333,950	340,000	-	-
Add:	Evergreen Dr assessments	-	-	-	-	-	-	-	-
Add:	Interest Income	11,454	10,376	11,000	11,000	10,342	6,000	-	-
	Net revenue for Rev. coverage	953,275	1,062,596	855,158	855,158	1,056,139	982,087	-	-
	Debt Service	627,402	620,198	560,970	560,970	409,321	364,337	-	-
	Coverage Requirement	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
	Required Net Revenue	784,253	775,248	701,213	701,213	511,651	455,421	-	-
	Excess/(deficit) revenue	169,023	287,348	153,946	153,946	544,488	526,666	-	-
	Revenue Bond coverage ratio	1.52	1.71	1.52	1.52	2.58	2.70	#DIV/0!	#DIV/0!

**Water Utility
Expense Detail**

Acct Number		2014 Actual	2015 Actual	2016 Adopted	2016 Amended	2016 Estimated	2016 Dept Request	2016 Admin Recommend	2016 Adopted Budget
53604	<u>Water Source Expense</u>								
101	Supervision/Engineering	2,756	2,854	4,345	4,345	3,385	2,600	-	-
103	Social Security	208	215	332	332	260	199	-	-
104	Retirement	184	194	287	287	225	177	-	-
105	Health Insurance	554	539	845	845	525	550	-	-
107	Life Insurance	2	2	3	3	1	2	-	-
108	Dental Insurance	35	36	55	55	35	37	-	-
109	Disability Insurance	11	11	22	22	6	16	-	-
116	MCO Allocated	26,405	18,463	18,000	18,000	23,525	24,288	-	-
221	Small Equipment	-	-	-	-	-	-	-	-
257	Maintenance - Wells	3,562	138	4,000	4,000	2,668	4,000	-	-
	Total Water Source Expense	33,717	22,452	27,889	27,889	30,630	31,869	-	-
53624	<u>Pumping Expense</u>								
101	Supervision/Engineering	2,756	2,854	4,345	4,345	3,385	2,600	-	-
103	Social Security	208	215	332	332	260	199	-	-
104	Retirement	184	194	287	287	225	177	-	-
105	Health Insurance	554	539	845	845	525	550	-	-
107	Life Insurance	2	2	3	3	1	2	-	-
108	Dental Insurance	35	36	55	55	35	37	-	-
109	Disability Insurance	11	11	22	22	6	16	-	-
116	MCO Allocated	45,860	49,221	46,000	46,000	47,500	55,000	-	-
204	Contractual Services	-	-	-	-	-	13,500	-	-
221	Small Equipment	17	408	2,000	2,000	1,800	2,000	-	-
249	Power Purchased	163,188	159,711	170,000	170,000	149,000	170,000	-	-
254	Maintenance - Pumphouse	2,135	6,100	-	-	-	-	-	-
255	Maintenance - Pumping Equip	4,138	3,911	10,000	10,000	4,000	7,500	-	-
261	Engineering	-	-	-	-	-	-	-	-
	Total Pumping Expense	219,088	223,201	233,889	233,889	206,737	251,581	-	-
53634	<u>Treatment Expense</u>								
101	Supervision/Engineering	2,756	2,854	4,345	4,345	3,765	2,600	-	-
103	Social Security	208	215	332	332	288	199	-	-
104	Retirement	184	194	287	287	250	177	-	-
105	Health Insurance	554	539	845	845	610	550	-	-
107	Life Insurance	2	2	3	3	2	2	-	-
108	Dental Insurance	35	36	55	55	39	37	-	-
109	Disability Insurance	11	11	22	22	6	16	-	-
116	MCO Allocated	54,427	50,554	50,000	50,000	48,195	52,000	-	-
204	Permits	-	-	-	-	-	-	-	-
205	Equipment Repair	-	-	-	-	-	-	-	-
214	Chlorine	15,311	11,887	10,500	10,500	12,200	13,000	-	-
218	Resin	-	-	-	-	-	-	-	-
220	Sodium Silicate	36,458	37,759	36,000	36,000	40,000	45,000	-	-
221	Small Equipment	2,290	2,722	3,000	3,000	2,500	3,000	-	-
224	Salt	210,666	186,242	195,000	195,000	200,000	241,000	-	-
225	Sanitary Discharge	14,222	16,368	19,500	19,500	20,919	25,000	-	-
249	Utilities	2,279	1,783	2,750	2,750	396	1,000	-	-
254	Maint - Treatment Plant	2,511	3,206	-	-	-	-	-	-
255	Maint - Treatment Equipment	7,863	11,809	15,000	15,000	15,000	16,500	-	-
261	Engineering	-	-	-	-	-	-	-	-
	Total Treatment Expense	349,777	326,182	337,639	337,639	344,170	400,081	-	-

Water Utility
Expense Detail

Acct Number		2014 Actual	2015 Actual	2016 Adopted	2016 Amended	2016 Estimated	2016 Dept Request	2016 Admin Recommend	2016 Adopted Budget
53644	<u>Distribution Expense</u>								
100	Supervision/Engineering	-	-	5,685	5,685	5,685	6,000	-	-
101	Salaries	19,763	31,465	27,106	27,106	28,053	32,178	-	-
102	Part-Time Wages	301	897	1,000	1,000	1,000	1,000	-	-
103	Social Security	1,503	2,423	2,585	2,585	2,660	2,997	-	-
104	Retirement	1,345	2,194	2,164	2,164	2,300	2,596	-	-
105	Health Insurance	4,634	6,944	8,314	8,314	6,500	9,500	-	-
107	Life Insurance	17	29	35	35	21	51	-	-
108	Dental Insurance	217	458	544	544	440	836	-	-
109	Disability Insurance	64	116	29	29	100	229	-	-
110	Overtime	-	-	-	-	-	-	-	-
114	Benefit Cost Adjustment	-	-	-	-	-	-	-	-
115	Service Contracts	-	0	-	-	-	-	-	-
116	MCO - Tanks	2,739	7,466	9,000	9,000	3,200	3,300	-	-
117	MCO - Meters	46,189	62,156	75,000	75,000	60,000	61,000	-	-
118	MCO - Mains	113,032	97,724	103,156	103,156	87,125	75,000	-	-
119	MCO - Services	23,075	18,475	24,000	24,000	19,000	20,000	-	-
120	MCO - Hydrants	18,022	18,825	20,000	20,000	17,215	20,000	-	-
204	Water Testing	1,563	5,529	3,500	3,500	2,900	5,100	-	-
209	Telephone Locates	16,099	7,923	12,000	12,000	12,000	12,000	-	-
211	Railroad Easement	-	-	-	-	-	-	-	-
213	Safety Equipment	-	-	800	800	795	800	-	-
216	Construction Materials	35	1,870	2,500	2,500	2,700	2,500	-	-
218	Operational Supplies	186	669	1,000	1,000	795	2,500	-	-
221	Small Equipment	1,326	688	800	800	792	1,000	-	-
224	Mapping	-	-	-	-	-	-	-	-
225	SCADA	508	-	5,000	5,000	-	5,000	-	-
247	Vehicle	8,106	8,681	9,000	9,000	7,693	8,000	-	-
250	Maintenance-Tank/Reservoir	1,090	3,075	4,600	4,600	5,500	5,000	-	-
251	Maintenance-Mains	62,047	68,994	75,000	75,000	40,000	70,000	-	-
252	Maintenance-Services	3,510	1,417	15,000	15,000	15,000	15,000	-	-
253	Maintenance-Meters	5,782	3,978	5,000	5,000	5,000	5,000	-	-
254	Maintenance-Hydrants	1,257	3,921	15,000	15,000	14,500	15,000	-	-
255	Backflow Inspection	1,572	2,360	4,000	4,000	5,200	5,500	-	-
261	Engineering	-	-	-	-	-	-	-	-
	Total Distribution Expense	333,932	358,274	431,818	431,818	346,176	387,087	-	-
53904	<u>Customer Accounts Expense</u>								
100	Supervision/Engineering	-	-	-	-	-	-	-	-
101	Salaries	4,818	4,650	33,471	33,471	30,000	33,072	-	-
103	Social Security	356	347	2,561	2,561	2,465	2,683	-	-
104	Retirement	321	323	2,209	2,209	2,125	2,385	-	-
105	Health Insurance	2,030	1,798	11,749	11,749	6,000	6,387	-	-
107	Life Insurance	7	6	49	49	40	53	-	-
108	Dental Insurance	129	118	769	769	500	554	-	-
109	Disability Insurance	18	18	157	157	125	198	-	-
110	Overtime	-	105	-	-	2,200	2,000	-	-
204	Billing Services	26,706	50,428	16,600	16,600	11,000	11,250	-	-
206	Office Supplies	-	-	-	-	-	-	-	-
226	Postage	-	-	-	-	-	-	-	-
229	Credit Card Fees	-	-	-	-	-	-	-	-
	Total Customer Accounts Expense	34,385	57,793	67,565	67,565	54,455	58,582	-	-

Water Utility
Expense Detail

Acct Number		2014 Actual	2015 Actual	2016 Adopted	2016 Amended	2016 Estimated	2016 Dept Request	2016 Admin Recommend	2016 Adopted Budget
53924	Admin & General Expense								
101	Salaries	16,900	17,478	16,872	16,872	16,100	18,209	-	-
102	Part-Time Wages	2,023	895	-	-	-	-	-	-
103	Social Security	1,422	1,375	1,291	1,291	1,235	1,400	-	-
104	Retirement	1,041	1,126	1,114	1,114	1,065	1,238	-	-
105	Health Insurance	3,588	3,141	5,242	5,242	4,200	4,927	-	-
107	Life Insurance	16	14	22	22	10	20	-	-
108	Dental Insurance	196	88	343	343	160	185	-	-
109	Disability Insurance	57	70	84	84	65	109	-	-
110	Overtime	-	-	-	-	-	-	-	-
112	Commission Per Diem	2,105	2,190	3,200	3,200	1,500	3,200	-	-
201	Training/Conferences	2,409	2,507	3,000	3,000	1,500	3,000	-	-
203	Telephone	1,390	1,518	2,000	2,000	2,000	2,200	-	-
204	Contractual Services	4,150	2,448	20,000	20,000	13,000	13,000	-	-
206	Office Supplies	1,835	343	1,500	1,500	1,500	3,500	-	-
207	Printing & Reproduction	-	-	-	-	-	-	-	-
208	Books, Subscrip., Dues	947	1,129	1,200	1,200	1,200	1,400	-	-
213	Safety Equipment/Supplies	-	-	-	-	-	-	-	-
219	Awards & Recognition	-	-	-	-	-	-	-	-
225	Other Permits	-	-	-	-	-	-	-	-
226	Postage	2,222	942	1,500	1,500	3,500	4,000	-	-
227	Public Information	72	415	500	500	1,002	500	-	-
229	Investment Service fee	3,446	2,839	3,000	3,000	3,600	3,600	-	-
230	Workers Comp Insurance	1,200	1,200	1,500	1,500	2,000	3,000	-	-
231	Property & Liab. Insurance	11,000	11,778	15,000	15,000	28,428	32,000	-	-
239	Rent	6,600	6,600	6,600	6,600	6,600	6,600	-	-
240	Computer Maintenance	3,377	-	1,500	1,500	1,860	2,000	-	-
244	Custodial Supplies	315	324	324	324	334	350	-	-
247	Vehicle Expense	-	-	-	-	-	-	-	-
262	Legal/Audit	5,000	5,200	10,000	10,000	8,000	10,000	-	-
429	Paying Agent Fees	-	-	-	-	-	-	-	-
	Total Admin & General Expense	71,311	63,619	95,792	95,792	98,859	114,438	-	-

**Storm Water Utility
630-53440**

Acct Number		2014 Actual	2015 Actual	2016 Adopted	2016 Amended	2016 Estimated	2017 Dept Request	2017 Admin Recommend	2017 Adopted Budget
	REVENUE								
32290	Storm Water Permits	4,546	11,786	5,000	5,000	14,000	12,000	-	-
34449	Residential Multi - Family	-	39,958	45,400	45,400	42,000	46,000	-	-
34450	Sales Residential	269,924	272,978	311,328	311,328	287,175	320,000	-	-
34451	Sales Commercial	381,563	381,143	436,915	436,915	405,000	445,000	-	-
34452	Sales Industrial	86,849	82,727	94,150	94,150	87,000	97,000	-	-
34464	Sales Public Authorities	61,440	61,876	65,485	65,485	57,750	62,000	-	-
34470	Forfeited Discounts	3,032	3,612	4,000	4,000	4,000	6,000	-	-
34471	Miscellaneous Charges	4,000	-	-	-	-	-	-	-
34475	Other Revenue	-	-	-	-	-	-	-	-
34521	Misc. Non-Operating Income	-	-	-	-	-	-	-	-
	Operating Revenue	811,354	854,080	962,278	962,278	896,925	988,000	-	-
	OPERATING EXPENSES								
53441	Pond Expenses	47,951	47,294	66,103	66,103	39,283	54,346	-	-
53442	Collection Expenses	212,143	180,301	196,133	196,133	164,293	199,414	-	-
53443	Customer Accounts Expenses	8,217	15,537	36,273	36,273	28,940	43,744	-	-
53444	Admin & General Expenses	109,730	112,822	123,921	123,921	120,877	111,788	-	-
53440-408	Taxes	-	-	-	-	-	-	-	-
53440-403	Depreciation	321,315	344,377	330,000	330,000	344,000	350,000	-	-
53440-404	Depreciation-Contributed	-	-	-	-	-	-	-	-
	Total Operating Expenses	699,356	700,331	752,430	752,430	697,393	759,292	-	-
	Operating Income	111,998	153,750	209,848	209,848	199,532	228,708	-	-
	NONOPERATING REVENUES (EXPENSES)								
36101	Interest Income	16,504	15,054	8,000	8,000	7,000	8,000	-	-
39500	Gain/(Loss) on Investments	(21,278)	1,210	4,000	4,000	4,000	4,000	-	-
		(4,774)	16,265	12,000	12,000	11,000	12,000	-	-
53440-427	Interest Expense	(72,613)	(64,490)	(61,285)	(65,109)	(86,328)	(113,386)	-	-
53440-431	Capitalized & Other Interest	-	-	-	-	-	-	-	-
		(72,613)	(64,490)	(61,285)	(65,109)	(86,328)	(113,386)	-	-
53440-428	Amort. Of Debt Discount	(765)	(854)	(811)	(811)	(811)	(605)	-	-
53440-434	Amort. Of Refunding	-	-	-	-	-	-	-	-
33110	ARRA Grant	-	-	-	-	-	-	-	-
38241	Equipment Rental	-	-	-	-	-	-	-	-
39050	Sale of Village Property	-	-	-	-	-	-	-	-
39060	Sale of Equipment	-	-	-	-	-	-	-	-
37901	Interest Special Assessment	3,345	1,764	2,125	2,125	2,050	2,000	-	-
		3,345	1,764	2,125	2,125	2,050	2,000	-	-
	Total Non-Operating Revenue (Expense)	(74,807)	(47,315)	(47,971)	(51,795)	(74,089)	(99,991)	-	-
	Income before Capital Contributions and Transfers	37,191	106,434	161,877	158,053	125,443	128,717	-	-
39600	Capital Contributions	996,899	2,187,238	-	-	-	1,200,000	-	-
33290	Grant	-	-	-	-	-	-	-	-
59000-497	Transfer -Other Funds	-	-	-	-	-	-	-	-
	Total Contributions&Transfer	996,899	2,187,238	-	-	-	1,200,000	-	-
	Change In Net Assets	1,034,090	2,293,673	161,877	158,053	125,443	1,928,717	-	-

SOURCES & USES OF FUNDS

Storm Water Utility

	2014	2015	2016	2016	2016	2017	2017	2017
	Actual	Actual	Adopted	Amended	Estimated	Dept Request	Admin Recommend	Adopted Budget
+ Net Income	712,775	1,949,296	(168,123)	(171,947)	(218,557)	978,717	-	-
+ Depreciation	321,315	344,377	330,000	330,000	344,000	350,000	-	-
+ Amortization-Debt Discount	765	854	811	811	811	605	-	-
+ Long-term Debt	-	-	-	-	2,240,000	-	-	-
- Fixed assets(Capital expense)	(1,189,739)	(2,027,607)	(2,235,100)	(2,235,100)	(825,100)	(1,200,000)	(1,200,000)	-
- Principal Repayment	(548,834)	(275,894)	(250,209)	(250,209)	(250,209)	(253,340)	(253,340)	-
+/- Accounts Receivable Change	-	-	-	-	-	-	-	-
+/- Transfer to/from General Fund	-	-	-	-	-	-	-	-
+/- Transfer to/from TID	-	-	-	-	-	-	-	-
+/- Transfer to/from Capital Projects	-	-	-	-	-	-	-	-
+/- Transfer to/from Debt Service	-	-	-	-	-	-	-	-
Net Change	(703,718)	(8,974)	(2,322,621)	(2,326,445)	1,290,945	(124,018)	(1,453,340)	-
Capital Contributions	996,899	2,187,238	-	-	-	20,000	20,000	-
CAPITAL EXPENSE PLAN (Fixed Assets line above)								
19201 Equipment Replacement	-	-	-	-	-	-	-	-
19202 New Equipment	-	-	-	-	-	-	-	-
19220 Mains-Relays	1,189,739	247,800	825,100	825,100	825,100	-	-	-
19230 Mains-New Extensions	-	1,779,807	1,110,000	1,110,000	-	1,200,000	1,200,000	-
19240 Mains-Subdivisions	-	-	-	-	-	-	-	-
19250 Ponds/Culverts/Ditches	-	-	300,000	300,000	-	-	-	-
Total Capital Plan	1,189,739	2,027,607	2,235,100	2,235,100	825,100	1,200,000	1,200,000	-
ALL DEBT								
Less: Operating Revenues	811,354	854,080	962,278	962,278	896,925	988,000	-	-
Add back: Operating Expenses	(699,356)	(700,331)	(752,430)	(752,430)	(697,393)	(759,292)	-	-
Add: Depreciation	321,315	344,377	330,000	330,000	344,000	350,000	-	-
Add: Interest Income	(4,774)	16,265	12,000	12,000	11,000	12,000	-	-
Net revenue for All coverage	428,539	514,391	551,848	551,848	554,532	590,708	-	-
Debt Service(G.O.)	372,005	345,574	314,626	314,626	314,626	432,631	-	-
Coverage Requirement	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
Required Net Revenue	465,006	431,968	393,283	393,283	393,283	540,789	-	-
Excess/(deficit) revenue	(36,465)	82,424	158,566	158,566	161,250	49,919	-	-
All Debt coverage ratio	1.15	1.49	1.75	1.75	1.76	1.97	#DIV/0!	#DIV/0!
REVENUE BONDS ONLY								
Less: Operating Revenues	811,354	854,080	962,278	962,278	896,925	988,000	-	-
Add Back: Operating Expenses	(699,356)	(700,331)	(752,430)	(752,430)	(697,393)	(759,292)	-	-
Add: Depreciation-Regular	321,315	344,377	330,000	330,000	344,000	350,000	-	-
Add: Interest Income	(4,774)	16,265	12,000	12,000	11,000	12,000	-	-
Net revenue for Rev. coverage	428,539	514,391	551,848	551,848	554,532	590,708	-	-
Debt Service	138,946	147,645	164,427	164,427	164,427	320,396	-	-
Coverage Requirement	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
Required Net Revenue	173,683	184,556	205,534	205,534	205,534	400,495	-	-
Excess/(deficit) revenue	254,857	329,835	346,314	346,314	348,998	190,213	-	-
Revenue Bond coverage ratio	3.08	3.48	3.36	3.36	3.37	1.84	#DIV/0!	#DIV/0!

**Storm Utility
Expense Detail**

Acct Number		2014 Actual	2015 Actual	2016 Adopted	2016 Amended	2016 Estimated	2017 Dept Request	2017 Admin Recommend	2017 Adopted Budget
53441	<u>Pond Expense</u>								
101	Salaries	22,707	22,020	32,251	32,251	20,000	24,007	-	-
102	Part-Time Wages	3,629	713	3,700	3,700	486	3,700	-	-
103	Social Security	1,921	1,686	2,766	2,766	1,570	2,120	-	-
104	Retirement	1,701	1,500	2,207	2,207	1,352	1,632	-	-
105	Health Insurance	8,728	7,436	11,679	11,679	5,355	7,850	-	-
107	Life Insurance	-	24	50	50	20	32	-	-
108	Dental Insurance	-	488	769	769	350	539	-	-
109	Disability Insurance	-	77	181	181	75	166	-	-
110	Overtime	-	-	200	200	-	-	-	-
204	Contractual Services	5,714	7,598	1,000	1,000	2,475	3,500	-	-
205	Equipment Repair	-	-	-	-	-	-	-	-
210	Equipment Rental	-	-	-	-	-	-	-	-
217	Gas and Oil	-	-	-	-	-	-	-	-
218	Operational Supplies	354	226	250	250	100	100	-	-
221	Small Equipment	-	-	-	-	-	-	-	-
247	Vehicle	317	287	400	400	1,300	1,500	-	-
227	Public Information	-	-	-	-	-	-	-	-
249	Utilities	2,346	2,256	2,100	2,100	2,100	2,200	-	-
253	Maintenance - Ponds	534	2,983	8,550	8,550	2,100	5,000	-	-
261	Engineering	-	-	-	-	-	-	-	-
263	Construction	-	-	-	-	2,000	2,000	-	-
264	Long Range Study	-	-	-	-	-	-	-	-
	Total Pond Expense	47,951	47,294	66,103	66,103	39,283	54,346	-	-
53442	<u>Collection Expense</u>								
101	Salaries	74,616	78,302	83,825	83,825	67,000	74,159	-	-
102	Part-Time Wages	823	1,117	1,050	1,050	417	700	-	-
103	Social Security	5,561	5,933	6,493	6,493	5,157	5,727	-	-
104	Retirement	5,481	5,408	5,700	5,700	4,585	5,043	-	-
105	Health Insurance	23,306	21,570	29,108	29,108	19,000	21,352	-	-
107	Life Insurance	20	87	122	122	55	95	-	-
108	Dental Insurance	326	1,412	1,916	1,916	1,600	1,593	-	-
109	Disability Insurance	62	306	419	419	200	445	-	-
110	Overtime	-	-	-	-	-	-	-	-
115	Utility Locates	-	-	-	-	-	-	-	-
201	Training/Conferences	-	-	500	500	25	100	-	-
204	Contractual Services	6,558	9,406	11,000	11,000	12,039	11,000	-	-
205	Equipment Repairs	-	-	-	-	-	-	-	-
208	Books, Subscrip., Dues	-	-	-	-	-	-	-	-
209	Telephone Locates	10,678	6,318	8,000	8,000	11,000	11,000	-	-
210	Rentals	-	-	-	-	-	-	-	-
211	Railroad Easement	200	200	200	200	200	200	-	-
213	Safety Equipment	299	-	300	300	300	300	-	-
216	Construction Materials	-	2,319	1,000	1,000	2,315	2,300	-	-
218	Operational Supplies	117	136	500	500	400	400	-	-
221	Small Equipment	-	-	-	-	-	-	-	-
224	Mapping	-	-	-	-	-	-	-	-
227	Public Information	-	-	-	-	-	-	-	-
247	Vehicle	39,899	44,390	35,000	35,000	40,000	40,000	-	-
249	Utilities	510	-	-	-	-	-	-	-
251	Maintenance-Mains	34,146	2,582	6,000	6,000	-	20,000	-	-
253	Maintenance-Meters	-	-	-	-	-	-	-	-
257	Clean Water Inspections	-	-	-	-	-	-	-	-
260	Easement	-	-	-	-	-	-	-	-
261	Engineering/Mapping	9,541	815	5,000	5,000	-	5,000	-	-
263	Construction Materials	-	-	-	-	-	-	-	-
264	Long Range study	-	-	-	-	-	-	-	-
265	Draper Street Storm Sewer	-	-	-	-	-	-	-	-
301	New Equipment	-	-	-	-	-	-	-	-
302	Equipment Replacement	-	-	-	-	-	-	-	-
	Total Collection Expense	212,143	180,301	196,133	196,133	164,293	199,414	-	-

**Storm Utility
Expense Detail**

Acct Number		2014 Actual	2015 Actual	2016 Adopted	2016 Amended	2016 Estimated	2017 Dept Request	2017 Admin Recommend	2017 Adopted Budget
53443	Customer Accounts Expense								
101	Salaries	2,202	3,707	19,681	19,681	14,725	16,397	-	-
102	Part-time Wages	-	-	-	-	1,700	12,047	-	-
103	Social Security	162	277	1,506	1,506	1,260	2,176	-	-
104	Retirement	147	259	1,300	1,300	1,085	1,934	-	-
105	Health Insurance	923	1,438	8,495	8,495	5,000	4,562	-	-
107	Life Insurance	3	5	35	35	20	26	-	-
108	Dental Insurance	59	95	556	556	400	431	-	-
109	Disability Insurance	8	14	100	100	50	171	-	-
110	Overtime	-	-	-	-	-	-	-	-
204	Billing Services	4,713	9,743	4,600	4,600	4,700	6,000	-	-
206	Office Supplies	-	-	-	-	-	-	-	-
229	Credit Card Fees	-	-	-	-	-	-	-	-
	Total Customer Accounts Expense	8,217	15,537	36,273	36,273	28,940	43,744	-	-
53444	Admin & General Expense								
101	Salaries	61,999	66,117	64,402	64,402	61,963	51,826	-	-
102	Part - time Wages	3,494	547	-	-	4,240	-	-	-
103	Social Security	4,927	5,002	4,927	4,927	5,065	3,965	-	-
104	Retirement	4,078	4,409	4,379	4,379	4,090	3,524	-	-
105	Health Insurance	13,574	12,661	15,272	15,272	12,250	11,497	-	-
107	Life Insurance	50	48	64	64	40	49	-	-
108	Dental Insurance	824	728	1,005	1,005	700	916	-	-
109	Disability Insurance	231	260	322	322	240	311	-	-
110	Overtime	-	-	-	-	-	-	-	-
201	Training/Conferences	-	275	1,500	1,500	275	1,500	-	-
204	Contractual Services	350	2,458	5,000	5,000	3,600	5,000	-	-
205	Equipment Repair	-	-	-	-	-	-	-	-
206	Office Supplies	33	58	300	300	300	300	-	-
208	Books, Subscrip., Dues	1,520	1,500	1,600	1,600	1,500	2,000	-	-
212	Clothing Allowance	-	-	-	-	-	-	-	-
219	Awards & Recognition	-	-	-	-	-	-	-	-
225	Permits/Fees	1,500	1,500	1,500	1,500	1,750	2,000	-	-
226	Postage	-	-	-	-	-	-	-	-
227	Public Information	553	336	1,000	1,000	100	500	-	-
229	Investment Service fee	1,897	1,208	1,500	1,500	2,500	2,500	-	-
230	Workers Comp Insurance	2,900	3,000	3,250	3,250	3,000	4,500	-	-
231	Property & Liab. Insurance	4,200	3,939	5,500	5,500	6,864	7,500	-	-
239	Rent	4,400	4,400	4,400	4,400	4,400	4,400	-	-
261	Engineering	-	-	-	-	-	-	-	-
262	Legal/Audit	3,200	4,375	8,000	8,000	8,000	9,500	-	-
300	Land Acquisition Costs	-	-	-	-	-	-	-	-
	Total Admin & General Expense	109,730	112,822	123,921	123,921	120,877	111,788	-	-



Village of Little Chute

The Village of Little Chute does not guarantee this information to be correct, current or complete.

The maps are intended for use as a general reference and are not intended or suitable for site-specific or financial decisions.

Any use to the contrary of the above stated uses is the responsibility of the user and such use is at the user's own risk.

In no event shall the Village of Little Chute become liable to users of these maps for any loss arising from the use of these maps.

November 16, 2016

Village of Little Chute



Water Department 10 Year CIP Estimates

Department Project	Rank	Est. Cost	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
CIP Total			\$102,200	\$1,669,500	\$187,544	\$89,400	\$166,000	\$168,500	\$65,000	\$28,500	\$83,200	\$157,750	\$98,200	\$168,200	\$83,200	\$158,400	\$158,400	\$238,400	\$185,900	\$109,900	\$17,400
CIP Meters 975			\$21,600	\$57,000	\$57,000	\$21,900	\$16,000	\$16,000	\$16,000	\$16,000	\$70,700	\$70,700	\$70,700	\$70,700	\$70,700	\$70,900	\$70,900	\$70,900	\$70,900	\$70,900	\$4,900
CIP Projects 977			\$80,600	\$1,612,500	\$130,544	\$67,500	\$150,000	\$152,500	\$49,000	\$12,500	\$12,500	\$87,050	\$27,500	\$97,500	\$12,500	\$87,500	\$87,500	\$167,500	\$115,000	\$39,000	\$12,500
Water Meters (900) per year	1	\$150,700	\$4,200	\$12,900	\$12,900	\$4,500	\$4,500	\$4,500	\$4,500	\$4,500	\$4,700	\$4,700	\$4,700	\$4,700	\$4,700	\$4,900	\$4,900	\$4,900	\$4,900	\$4,900	\$4,900
Meter Ems (900) per year	2	\$829,000	\$17,400	\$44,100	\$44,100	\$17,400	\$11,500	\$11,500	\$11,500	\$11,500	\$66,000	\$66,000	\$66,000	\$66,000	\$66,000	\$66,000	\$66,000	\$66,000	\$66,000	\$66,000	
Hydrant Purchases	3	\$270,000	\$10,000	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500
Well # 1 Discharge Project/Well Upgrade	4	\$1,600,000		\$1,600,000																	
Pmp # 2 Roof Replacement	5	\$55,600	\$55,600																		
Well # 4 Reservoir repair	6	\$15,000	\$15,000																		
Wholesale Meter Options (Appleton)	7	\$63,044			\$63,044																
Resin Replacement Well # 4	7	\$115,000			\$55,000														\$60,000		
Well # 1 Pull and Inspection	8	\$130,000				\$55,000										\$75,000					
Resin Replacement Pmp # 2	11	\$110,000					\$50,000														
2009 Truck Replacement	12	\$65,000					\$32,500												\$32,500		
Well # 3 Pull and Inspection	13	\$130,000					\$55,000										\$75,000				
Well # 4 Pull and Inspection	14	\$130,000						\$55,000										\$75,000			
Tower # 2 Painting	14	\$85,000						\$85,000													
Clean Exterior Towers # 1 and # 2	15	\$20,000							\$10,000										\$10,000		
2011 Truck Replacement	16	\$53,000							\$26,500											\$26,500	
Well # 1 Roof Replacement	17	\$74,550										\$74,550									
SCADA System Upgrade	18	\$15,000											\$15,000								
Tower # 1 Painting	18	\$85,000												\$85,000							
Resin Replacement Well # 1	20	\$95,000																			
Well # 4 Roof Replacement	21	\$80,000																\$80,000			
Biscayne	1	\$138,625																			
Miami	1	\$204,938																			
Tampa Way	1	\$75,938																			
Taylor Florida-OO	2	\$132,438																			
Taylor Elm-Florida	2	\$161,563																			
Taylor Moasis-Elm	2	\$84,375																			
Homewood	3	\$0																			
Idan		\$193,413																			
Woodland		\$158,469																			



MIDWEST CONTRACT OPERATIONS, INC.
P.O. BOX 418 MENASHA, WI 54952-0418

Monthly Superintendent Report/Update

To: Village of Little Chute Water Commission
From: Jerry Verstegen, Water Utility Supt. (MCO)
Month of: November 2016

Updates for current, past and ongoing Water Department projects and areas of concern:

1. Plants/Treatment

- Rebuilt Silicate @ Well #1
- Well #1 preconstruction work
- Pre-lube at Well #4 replaced

2. Distribution

- Main break on Bohm and Truman Ct.
- Valve repair 1565 Bohm
- Replace fire hydrant 1600 Wisconsin

3. Meters

- Working on second and final notices.

4. General Water

- January Meeting
 - i. Private Well "New" permit.
 - ii. Lead and Copper Audit update.

Jerry Verstegen (920-858-7477)

2016 Pumpage Totals

	Pumpage x 1000								Waste Discahrge x 1000								Blend and Pumpage %					
	Well Pumps			Booster Pumps			Well	Booster	Storm		Sanitary		Storm	Sanitary	Blend %			% Pumped by Plant				
	# 1	# 3	# 4	# 1	# 3	# 4	Totals	Totals	# 1	# 3	# 3	# 4	Totals	Totals	# 1	# 3	# 4	# 1	# 3	# 4		
1-Nov	536	222	424	471	208	555	1,182	1,234	69.1	5	18	41	74	59	4.62%	17.11%	4.81%	45.3%	18.8%	35.9%		
2-Nov	66	672	546	101	570	565	1,284	1,236	1.4	11	32	41	12	73	4.35%	13.24%	4.62%	5.1%	52.3%	42.5%		
3-Nov	492	149	547	445	170	593	1,188	1,208	74.8	5	18	41	80	59	4.62%	16.79%	4.62%	41.4%	12.5%	46.0%		
4-Nov	0	698	530	0	587	500	1,228	1,087	0	11	31	33	11	64		12.89%	4.78%	0.0%	56.8%	43.2%		
5-Nov	0	817	373	0	704	457	1,190	1,161	0	10	24	22	10	46		13.12%	4.74%	0.0%	68.7%	31.3%		
6-Nov	579	198	531	614	136	513	1,308	1,263	58.6	5	25	41	64	66	4.57%	11.55%	4.86%	44.3%	15.1%	40.6%		
7-Nov	143	667	479	99	588	545	1,289	1,232	18.1	10	25	41	28	66	4.03%	13.82%	4.83%	11.1%	51.7%	37.2%		
8-Nov	613	186	535	562	169	571	1,334	1,302	76.6	6	25	41	83	66	4.68%	14.08%	4.81%	46.0%	13.9%	40.1%		
9-Nov	17	630	588	28	528	603	1,235	1,159	0	10	22	55	10	77	6.67%	13.93%	4.77%	1.4%	51.0%	47.6%		
10-Nov	597	198	574	548	182	625	1,369	1,355	76.6	0	10	42	77	52	4.44%	12.37%	4.72%	43.6%	14.5%	41.9%		
11-Nov	0	608	465	0	499	588	1,073	1,087	0	16	49	42	16	91		14.96%	4.76%	0.0%	56.7%	43.3%		
12-Nov	0	800	630	0	704	605	1,430	1,309	0	11	33	55	11	88		14.26%	4.69%	0.0%	55.9%	44.1%		
13-Nov	509	120	566	535	106	615	1,195	1,256	81.6	5	16	41	67	57	4.64%	11.48%	4.57%	42.6%	10.0%	47.4%		
14-Nov	42	788	511	0	685	562	1,341	1,247	33.7	11	32	41	45	73	4.76%	12.51%	4.58%	3.1%	58.8%	38.1%		
15-Nov	26	100	1,003	73	50	1,082	1,129	1,205	33.6	5	16	82	39	98	3.57%	10.88%	4.62%	2.3%	8.9%	88.8%		
16-Nov	574	0	697	583	0	727	1,271	1,310	58	0	0	55	58	55	4.44%		4.72%	45.2%	0.0%	54.8%		
17-Nov	595	0	774	570	0	821	1,369	1,391	68.9	0	0	69	69	69	4.46%		4.79%	43.5%	0.0%	56.5%		
18-Nov	491	115	535	464	100	573	1,141	1,137	71.1	0	0	41	71	41	5.26%	13.78%	4.82%	43.0%	10.1%	46.9%		
19-Nov	580	0	485	520	0	590	1,065	1,110	69.6	0	0	41	70	41	4.40%		4.81%	54.5%	0.0%	45.5%		
20-Nov	544	34	604	535	62	598	1,182	1,195	71.8	0	0	41	72	41	4.72%	11.32%	4.79%	46.0%	2.9%	51.1%		
21-Nov	64	596	478	91	483	565	1,138	1,139	4.7	11	34	41	16	75	2.82%	14.47%	4.66%	5.6%	52.4%	42.0%		
22-Nov	590	130	469	529	140	531	1,189	1,200	73.7	5	16	41	79	57	4.53%	10.86%	4.84%	49.6%	10.9%	39.4%		
23-Nov	0	619	730	0	519	678	1,349	1,197	0	5	17	41	5	58		12.90%	4.80%	0.0%	45.9%	54.1%		
24-Nov	498	154	386	515	133	480	1,038	1,128	68	0	0	41	68	41	4.52%	12.70%	4.87%	48.0%	14.8%	37.2%		
25-Nov	67	578	461	11	511	428	1,106	950	0	11	33	41	11	74	2.99%	13.11%	4.81%	6.1%	52.3%	41.7%		
26-Nov	0	612	262	0	496	383	874	879	0	14	51	0	14	51		14.24%	4.71%	0.0%	70.0%	30.0%		
27-Nov	565	162	523	574	166	498	1,250	1,238	78.1	0	0	41	78	41	4.70%	12.50%	4.71%	45.2%	13.0%	41.8%		
28-Nov	52	651	481	70	525	559	1,184	1,154	0	11	34	41	11	75	3.85%	13.63%	4.78%	4.4%	55.0%	40.6%		
29-Nov	550	892	0	537	778	0	1,442	1,315	78.1	16	48	0	94	48	5.00%	13.60%		38.1%	61.9%	0.0%		
30-Nov	69	667	607	74	547	577	1,343	1,198	6.9	10	34	55	17	89	2.94%	13.83%	4.80%	5.1%	49.7%	45.2%		
Avg	295	402	526	285	345	566	1,224	1,196	38	7	21	42	45	63	4.4%	13.3%	4.7%	24.0%	32.8%	43.2%		
Total	8,859	12,063	15,794	8,549	10,346	16,987	36,716	35,882	1,153	204	643	1,254	1,357	1,897								

2016 Treatment Totals

	Chemical Pounds									Doseage					
	Chlorine			Silicate			Salt			Chlorine			Silicate		
	# 1	# 3	# 4	# 1	# 3	# 4	# 1	# 3	# 4	# 1	# 3	# 4	# 1	# 3	# 4
1-Nov	57.6	17.6	33	146	48	110	7,280	1,820	6,240	1.61	1.19	1.17	9.63	7.65	9.18
2-Nov	5.2	63.2	42.4	8	168	140	0	3,900	6,240	1.18	1.41	1.16	4.29	8.84	9.07
3-Nov	54.2	13.2	42.4	138	36	142	8,580	1,820	6,240	1.65	1.33	1.16	9.92	8.55	9.18
4-Nov	0	54.6	40.8	0	166	136	0	3,900	4,160		1.17	1.15		8.41	9.08
5-Nov	0	63.8	28.8	0	196	94	0	3,900	4,160		1.17	1.16		8.49	8.91
6-Nov	57.4	15	41.2	156	48	138	7,280	1,820	6,240	1.49	1.14	1.16	9.53	8.57	9.19
7-Nov	13	46.8	37.2	32	156	122	1,300	3,900	6,240	1.36	1.05	1.16	7.92	8.27	9.01
8-Nov	63.8	14.4	41.4	168	40	136	8,580	2,080	6,240	1.56	1.16	1.16	9.69	7.61	8.99
9-Nov	1.4	44.2	45.6	0	154	172	0	3,900	8,320	1.23	1.05	1.16		8.65	10.35
10-Nov	63	12.8	42.4	154	32	150	8,580	0	6,500	1.58	0.97	1.11	9.12	5.72	9.24
11-Nov	0	43.2	35.8	0	148	120	0	5,720	6,240		1.06	1.15		8.61	9.13
12-Nov	0	54.6	49	0	190	158	0	3,900	8,320		1.02	1.17		8.40	8.87
13-Nov	55	10.4	44.4	126	28	142	7,020	1,820	6,240	1.62	1.30	1.18	8.76	8.25	8.87
14-Nov	4.8	73.8	39.8	16	194	134	2,860	3,900	6,240	1.71	1.40	1.17	13.47	8.71	9.28
15-Nov	2.6	13.4	78.6	4	28	254	4,420	2,080	12,480	1.50	2.01	1.17	5.44	9.90	8.96
16-Nov	56.4	0	54.2	150	0	178	7,020	0	8,320	1.47		1.17	9.24		9.03
17-Nov	57	0	60.8	154	0	194	7,540	0	10,400	1.44		1.18	9.16		8.87
18-Nov	52.8	10.6	42.4	142	26	136	8,580	0	6,240	1.61	1.38	1.19	10.23	8.00	8.99
19-Nov	55.4	0	37.4	146	0	122	7,020	0	6,240	1.43		1.16	8.90		8.90
20-Nov	49.2	5.6	47.4	110	12	160	7,540	0	6,240	1.36	2.47	1.18	7.15	12.48	9.37
21-Nov	6.2	66.2	35.2	16	139	126	1,300	3,640	6,240	1.45	1.66	1.10	8.84	8.25	9.32
22-Nov	61	16.8	36.4	148	82	122	8,580	2,080	6,240	1.55	1.94	1.16	8.87	22.31	9.20
23-Nov	0	63.4	56.6	0	154	188	0	2,080	6,240		1.54	1.16		8.80	9.11
24-Nov	48.8	14.6	30.4	128	40	96	7,020	0	6,240	1.47	1.42	1.18	9.09	9.19	8.80
25-Nov	4.6	44.6	36	16	140	122	0	3,900	6,240	1.03	1.16	1.17	8.45	8.57	9.36
26-Nov	0	47.2	20	0	154	70	0	5,720	0		1.16	1.14		8.90	9.45
27-Nov	52.6	31.8	38.2	160	42	140	8,580	0	6,240	1.40	2.94	1.09	10.02	9.17	9.47
28-Nov	3	83.6	39.8	12	166	126	0	3,900	6,240	0.86	1.92	1.24	8.16	9.02	9.27
29-Nov	50.2	101	0	158	226	0	8,580	5,720	0	1.37	1.70		10.16	8.96	
30-Nov	5	68.8	47.8	18	168	162	780	4,160	8,320	1.09	1.55	1.18	9.23	8.91	9.44
Avg	29.3	36.5	40.8	76.9	99.4	136.3	4,281	2,522	6,318	1.4	1.5	1.2	8.9	9.2	9.2
Total	880.2	1,095.2	1,225.4	2,306.0	2,981.0	4,090.0	128,440	75,660	189,540	34.0	39.3	33.7	205.3	247.2	265.9

2016 PUMPING AND WASTE REPORT

	Well # 1				Well # 3				Well # 4				System Totals			
	Pumping Raw	Pumping Final	Waste Sewer	Waste Storm	Pumping Raw	Pumping Final	Waste Sewer	Waste Storm	Pumping Raw	Pumping Final	Waste Sewer	Waste Storm	Pumping Raw	Pumping Final	Waste Sewer	Waste Storm
January	5,620	5,401	n/a	524	16,169	15,175	645	285	12,938	14,271	878	n/a	34,727	34,847	1,523	809
February	5,840	5,653	n/a	799	15,202	13,957	635	276	11,085	12,289	754	n/a	32,127	31,899	1,389	1,075
March	5,413	5,288	n/a	637	17,530	16,368	748	315	12,679	13,963	855	n/a	35,622	35,619	1,603	952
April	7,491	7,194	n/a	898	16,872	15,809	791	328	11,547	12,865	884	n/a	35,910	35,868	1,675	1,226
May	6,263	6,118	n/a	714	20,065	18,749	906	379	12,077	13,314	1,024	n/a	38,405	38,181	1,930	1,093
June	5,744	5,549	n/a	668	18,743	17,542	881	349	14,989	16,363	1,091	n/a	39,476	39,454	1,972	1,017
July	5,703	5,465	n/a	608	18,521	17,239	1,014	349	17,296	18,857	1,409	n/a	41,520	41,561	2,423	957
August	6,198	6,001	n/a	661	20,272	17,902	1,033	355	19,115	20,725	1,556	n/a	45,585	44,628	2,589	1,016
September	2,580	2,516	n/a	410	20,200	17,745	1,099	356	15,571	16,978	1,275	n/a	38,351	37,239	2,374	766
October	5,973	5,792	n/a	761	18,125	15,742	926	307	14,532	15,905	1,191	n/a	38,630	37,439	2,117	1,068
November	8,871	8,582	n/a	1,160	12,081	10,380	641	205	15,781	16,971	1,240	n/a	36,733	35,933	1,881	1,365
Average	5,972	5,778	n/a	713	17,616	16,055	847	319	14,328	15,682	1,105	n/a	37,917	37,515	1,952	1,031
Total	65,696	63,559	n/a	7,839	193,780	176,608	9,319	3,504	157,610	172,501	12,157	n/a	417,086	412,668	21,476	11,343

Jerry Verstegen

Little Chute Water Department

Phone 920-788-7522

Fax 920-788-7523

lcwater@littlechutewi.org

2016 System Samples

Date	North West						North East						South West						South East					
Week	Total	Free	Ph	Hard	Silc	Iron	Total	Free	Ph	Hard	Silc	Iron	Total	Free	Ph	Hard	Silc	Iron	Total	Free	Ph	Hard	Silc	Iron
01/04/16	0.32	0.26	7.3	6.0	8.0	0.15	0.38	0.36	7.3	3.0	9.0	0.08	0.34	0.30	7.5	7.0	7.0	0.19	0.36	0.31	7.2	5.0	7.0	0.06
01/11/16	0.35	0.31	7.3	5.0	8.0	0.13	0.37	0.31	7.4	6.0	9.0	0.09	0.29	0.28	7.4	6.0	9.0	0.21	0.31	0.27	7.4	7.0	10.0	0.09
01/18/16	0.73	0.67	7.5	6.0	6.0	0.09	0.48	0.39	7.5	5.0	6.0	0.05	0.38	0.32	7.4	6.0	9.0	0.07	0.52	0.48	7.6	5.0	9.0	0.20
01/25/16	0.38	0.33	7.6	6.0	5.0	0.22	0.31	0.22	7.3	11.0	8.0	0.08	0.13	0.09	7.2	9.0	7.0	0.04	0.40	0.30	7.4	8.0	7.0	0.08
02/01/16	0.23	0.19	7.3	6.0	6.0	0.01	0.28	0.24	7.3	6.0	6.0	0.12	0.21	0.19	7.2	5.0	9.0	0.29	0.20	0.14	7.3	8.0	7.0	0.17
02/08/16	0.52	0.42	7.3	7.0	6.0	0.28	0.15	0.11	7.4	4.0	4.0	0.02	0.13	0.10	7.3	6.0	9.0	0.31	0.37	0.29	7.5	7.0	8.0	0.22
02/15/16	0.62	0.53	7.4	5.0	9.0	0.05	0.52	0.47	7.3	5.0	8.0	0.07	0.51	0.42	7.5	5.0	7.0	0.14	0.42	0.35	7.4	6.0	7.0	0.12
02/22/16	0.41	0.39	7.4	6.0	7.0	0.09	0.39	0.35	7.4	7.0	8.0	0.10	0.37	0.35	7.4	6.0	7.0	0.13	0.29	0.24	7.4	6.0	9.0	0.07
02/29/16	0.44	0.42	7.5	7.0	8.0	0.10	0.37	0.33	7.5	7.0	7.0	0.09	0.33	0.29	7.4	7.0	8.0	0.09	0.34	0.30	7.5	8.0	10.0	0.11
03/07/16	0.31	0.29	7.6	6.0	6.0	0.06	0.25	0.18	7.4	6.0	7.0	0.10	0.15	0.09	7.4	5.0	11.0	0.09	0.23	0.21	7.4	6.0	7.0	0.08
03/14/16	0.39	0.34	7.3	10.0	10.0	0.05	0.37	0.24	7.6	8.0	8.0	0.11	0.19	0.15	7.7	8.0	7.0	0.06	0.18	0.13	7.3	6.0	5.0	0.19
03/21/16	0.41	0.38	7.4	7.0	8.0	0.11	0.31	0.24	7.3	8.0	6.0	0.07	0.35	0.28	7.5	6.0	10.0	0.14	0.38	0.33	7.4	7.0	7.0	0.12
03/28/16	0.49	0.44	7.4	5.0	9.0	0.08	0.40	0.34	7.5	6.0	8.0	0.10	0.52	0.46	7.3	6.0	9.0	0.16	0.41	0.37	7.5	6.0	10.0	0.09
04/04/16	0.56	0.50	7.5	4.0	7.0	0.06	0.72	0.63	7.4	5.0	11.0	0.21	0.47	0.43	7.4	4.0	7.0	0.22	0.47	0.45	7.8	5.0	15.0	0.26
04/11/16	0.33	0.28	7.4	5.0	7.0	0.16	0.50	0.45	7.5	4.0	5.0	0.02	0.52	0.43	7.4	6.0	6.0	0.10	0.39	0.38	7.5	5.0	11.0	0.47
04/18/16	0.33	0.31	7.5	5.0	8.0	0.13	0.42	0.37	7.4	7.0	9.0	0.08	0.27	0.24	7.4	6.0	6.0	0.14	0.71	0.56	7.4	8.0	8.0	0.11
04/25/16	0.48	0.39	7.4	5.0	8.0	0.05	0.74	0.71	7.3	5.0	8.0	0.04	1.01	0.90	7.3	6.0	10.0	0.12	0.51	0.49	7.4	5.0	7.0	0.06
05/02/16	0.47	0.41	7.5	5.0	8.0	0.06	0.55	0.51	7.4	5.0	8.0	0.05	0.49	0.47	7.4	6.0	12.0	0.09	0.42	0.41	7.5	5.0	13.0	0.09
05/09/16	0.34	0.29	7.4	5.0	10.0	0.10	0.48	0.32	7.3	6.0	9.0	0.07	0.46	0.42	7.4	5.0	10.0	0.13	0.44	0.37	7.5	5.0	11.0	0.09
05/16/16	0.49	0.45	7.5	7.0	8.0	0.09	0.51	0.46	7.4	7.0	10.0	0.11	0.44	0.39	7.5	7.0	9.0	0.10	0.39	0.35	7.5	6.0	9.0	0.14
05/23/16	0.36	0.32	7.4	6.0	7.0	0.09	0.42	0.39	7.3	6.0	8.0	0.15	0.42	0.39	7.4	6.0	10.0	0.19	0.44	0.38	7.4	5.0	10.0	0.09
05/30/16	0.29	0.18	7.3	5.0	10.0	0.07	0.26	0.24	7.3	5.0	10.0	0.07	0.60	0.50	7.2	14.0	9.0	0.14	0.34	0.25	7.4	7.0	7.0	0.02
06/06/16	0.47	0.44	7.4	4.0	10.0	0.12	0.48	0.45	7.4	4.0	15.0	0.10	0.69	0.63	7.7	4.0	6.0	0.10	0.39	0.34	7.6	4.0	8.0	0.07
06/13/16	0.25	0.20	7.6	6.0	9.0	0.11	0.31	0.20	7.4	4.0	17.0	0.03	0.40	0.25	7.4	5.0	14.0	0.10	0.31	0.19	7.6	4.0	10.0	0.03
06/20/16	0.52	0.46	7.3	3.0	8.0		0.19	0.15	7.3	5.0	8.0		0.65	0.56	7.3	7.0	7.0		0.32	0.24	7.3	4.0	11.0	
06/27/16	0.45	0.43	7.4	5.0	8.0	0.13	0.39	0.36	7.3	6.0	9.0	0.09	0.37	0.35	7.4	6.0	8.0	0.11	0.36	0.34	7.4	5.0	10.0	0.05
07/04/16	0.45	0.43	7.6	4.0	16.0	0.08	0.17	0.11	7.5	6.0	8.0	0.11	0.48	0.45	7.4	8.0	14.0	0.13	0.22	0.19	7.4	5.0	15.0	0.12
07/11/16	0.58	0.50	7.2	4.0	14.0	0.03	0.48	0.42	7.3	4.0	12.0	0.07	0.21	0.14	7.4	6.0	13.0	0.02	0.17	0.13	7.3	6.0	14.0	0.47
07/18/16	0.33	0.31	7.3	5.0	9.0	0.11	0.35	0.32	7.3	6.0	9.0	0.09	0.29	0.27	7.3	6.0	8.0	0.05	0.27	0.25	7.4	6.0	9.0	0.10
07/25/16	0.38	0.34	7.3	6.0	8.0	0.13	0.33	0.30	7.4	7.0	8.0	0.07	0.30	0.28	7.4	6.0	9.0	0.09	0.28	0.26	7.4	5.0	8.0	0.09
08/01/16	0.43	0.37	7.3	6.0	9.0	0.09	0.46	0.42	7.3	6.0	9.0	0.09	0.33	0.26	7.3	7.0	11.0	0.16	0.24	0.19	7.3	5.0	9.0	0.12
08/08/16	0.37	0.35	7.2	5.0	7.0	0.05	0.43	0.31	7.4	4.0	5.0	0.02	0.21	0.17	7.3	5.0	11.0	0.19	0.40	0.27	7.3	4.0	9.0	0.06
08/15/16	0.35	0.31	7.3	6.0	8.0	0.10	0.36	0.29	7.4	7.0	8.0	0.08	0.31	0.24	7.4	8.0	10.0	0.15	0.38	0.34	7.4	6.0	10.0	0.07
08/22/16	0.25	0.21	7.2	7.0	8.0	0.07	0.33	0.31	7.3	5.0	9.0	0.11	0.24	0.19	7.3	6.0	9.0	0.13	0.27	0.24	7.4	6.0	8.0	0.09
09/05/16	0.40	0.35	7.3	11.0	9.0	0.05	0.28	0.25	7.5	9.0	14.0	0.18	0.83	0.75	7.5	8.0	6.0	0.08	0.17	0.15	7.6	5.0	5.0	0.12
09/12/16	0.52	0.43	7.4	5.0	9.0	0.09	0.36	0.34	7.5	6.0	11.0	0.11	0.71	0.61	7.5	5.0	9.0	0.07	0.39	0.32	7.3	5.0	8.0	0.12
09/19/16	0.36	0.31	7.2	6.0	7.0	0.12	0.29	0.25	7.3	9.0	9.0	0.09	0.49	0.42	7.3	7.0	9.0	0.16	0.37	0.30	7.4	6.0	8.0	0.08
09/26/16	0.37	0.27	7.2	6.0	7.0	0.09	0.35	0.34	7.4	6.0	7.0	0.11	0.27	0.24	7.4	5.0	8.0	0.13	0.29	0.26	7.3	6.0	9.0	0.07
10/03/16	0.50	0.45	7.4	5.0	10.0	0.51	0.24	0.14	7.2	5.0	5.0	0.02	0.22	0.18	7.2	9.0	7.0	0.01	0.43	0.41	7.4	6.0	9.0	0.08
10/10/16	0.40	0.36	7.4	5.0	9.0	0.40	0.29	0.24	7.4	5.0	5.0	0.28	0.69	0.64	7.4	5.0	8.0	0.02	0.43	0.34	7.4	6.0	11.0	0.03
10/17/16	0.38	0.31	7.3	6.0	8.0	0.17	0.32	0.29	7.3	6.0	8.0	0.21	0.45	0.39	7.3	7.0	8.0	0.10	0.29	0.25	7.3	5.0	10.0	0.09
10/24/16	0.29	0.27	7.2	5.0	7.0	0.09	0.43	0.35	7.2	6.0	7.0	0.23	0.44	0.38	7.5	6.0	7.0	0.13	0.39	0.33	7.3	6.0	9.0	0.10
10/31/16	0.44	0.40	7.4	5.0	5.0	0.19	0.38	0.36	7.5	6.0	8.0	0.14	0.51	0.47	7.5	6.0	11.0	0.12	0.60	0.58	7.5	7.0	6.0	0.37
11/07/16	0.38	0.35	7.3	8.0	7.0	0.02	0.31	0.28	7.5	6.0	12.0	0.03	0.47	0.38	7.4	8.0	9.0	0.08	0.30	0.28	7.4	7.0	6.0	0.06
11/14/16	0.48	0.42	7.6	8.0	6.0	0.01	0.60	0.50	7.4	7.0	9.0	0.15	0.79	0.73	7.4	6.0	8.0	0.07	0.60	0.53	7.4	7.0	13.0	0.20
11/21/16	0.25	0.20	7.6	6.0	9.0	0.11	0.31	0.20	7.4	4.0	17.0	0.03	0.40	0.25	7.4	5.0	14.0	0.10	0.31	0.19	7.6	4.0	10.0	0.03
11/28/16	0.52	0.43	7.4	5.0	9.0	0.09	0.36	0.34	7.5	6.0	11.0	0.11	0.71	0.61	7.5	5.0	9.0	0.07	0.39	0.32	7.3	5.0	8.0	0.12
Avg	0.41	0.36	7.38	5.77	8.19	0.11	0.38	0.33	7.38	5.89	8.77	0.10	0.43	0.37	7.39	6.34	8.96	0.12	0.36	0.31	7.42	5.77	9.09	0.12



Department of Public Works

Monthly Utility Commission Report for November 2016

Sanitary Sewer

Street Notes:

- Checked routine sanitary sewer route.
- Checked sanitary lines for ammonia.
- Spoke with resident on Edgewood Ct. about ongoing lateral backups.

Storm Sewer

Engineering Notes:

Installed: 431.5 LF of storm main
5 storm manholes

Street Notes:

- Did walk through on completed industrial pond storm water pump upgrades.
- Cleaned and maintained trash racks in detention ponds.
- Cleared ditch line on Randolph Dr. for new business.
- Approved Jesse Skinkas (crop farmer) to trench water out of Cherryvale westside for crop removal.

Sanitation

Street Notes:

- Problem resolved with truck #43 speedometer.
- Normal sanitation pickup and monthly bulkies.
- Expensive mechanical failure on truck #6.

Streets

Street Notes:

- Worked daily on leaf pickup.
- Vacations were high and one employee was off on extended sick leave.
- Had abundant down time with leaf vacuums repairs.
- Seasonal salt barrels placed and filled.
- Hauled out yard waste on a weekly basis.
- Installed drain pipe for swail between yard waste site and snow site.

- Did preventive maintenance on snow equipment and installed plows.
- Plow drivers started going over and marking plow routes.
- Sent out brush chipper five days in the month of November to complete brush pickup lists.
- Changed out seasonal banners and set and installed timers for Christmas décor.
- Set no parking signs and barricades for annual Little Chute Kiwanis Christmas parade.

Water

Street Notes:

- Temporary patch at Bohm Dr. and Truman Ct. due to water break.