



Village of

Little Chute

AGENDA

VILLAGE OF LITTLE CHUTE UTILITY COMMISSION MEETING

PLACE: Little Chute Village Hall, Board Room

DATE: Tuesday, December 15, 2015

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 17, 2015*
 - Utility Commission Minutes of December 1, 2015*
2. Discussion—Utility Billing
3. Discussion/Action—Primadata Contract
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 10, 2015

MINUTES OF THE UTILITY COMMISSION MEETING – DECEMBER 1, 2015

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
Tim Wegand
Mark Gloudemans
Tim Bevers
Jessica Schultz

EXCUSED: Michael Vanden Berg

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

Public Appearance for Items Not on the Agenda

None

Discussion—Utility Billing

Finance Director Teri Matheny gave an update on the utility billing conversion. Civic Systems has all of the data and is currently doing a parallel billing. Utility billing training is taking place in Madison from December 7-9. A special thank you goes out to Kaukauna Utilities for helping to keep the conversion on schedule. The payment scheme will have the village absorbing the ACH costs and the customer paying any debit/credit card charges. Online billing is currently on delay, but will be looked at after the first billing. The customer will need to set up and authorize a new ACH because this can't be carried over from KU. The customer account numbers will not remain the same. The first digit will reflect the type of customer: 1-residential, 2-multifamily, 3-commercial, 4-industrial or 5-public authority so there is the ability to sort by type of customer. After the customer receives the first postcard bill, they will be able to go online to view bills. The marketing effort is still underway to have inserts put into the December utility billing and to have a write-up in the December village newsletter. Additional staff is being hired in Finance to help with the extra work load. There will be two part-time cashiers and one full-time accounting clerk.

Discussion/Action—Authorize Contract with PSN

Moved by M. Gloudemans, seconded by T. Wegand to Approve the Contract with PSN

All Ayes – Motion Carried

Discussion—Primadata

Table this for a 12/15/15 action. The Village is waiting to find out the start-up programming costs for the post card mailing. There is a set rate for the paper and the postage.

Unfinished Business

Expect the Village Board to adopt the budget at the December 2 meeting. There is a full rate case occurring for water, no change in sewer, uncertain about storm water and sanitation is up 3%. Sewer connection fee, from HOVMSD, will be less in 2016 because the Part A debt is gone.

Items for Future Agenda

Regular Utility Commission Meeting to be held on December 15, 2015.
Final budget packet will be available.

Adjournment

Moved by K. Coffey, seconded by T. Bevers to adjourn the meeting at 6:25 p.m.

All Ayes – Motion Carried

VILLAGE OF LITTLE CHUTE

Attest: Laurie Decker, Village Clerk

By: Kevin Coffey, Chair

MINUTES OF THE UTILITY COMMISSION MEETING – NOVEMBER 17, 2015

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
Tim Wegand
Mark Gloudemans
Tim Bevers
Jessica Schultz
Michael Vanden Berg

ALSO PRESENT: MCO Rep. Jerry Verstegen, Village Clerk Laurie Decker, Finance Director Teri Matheny, Director of Public Works Roy Van Gheem, McMahon Associate Chad Olsen

Public Appearance for Items Not on the Agenda

None

Approval of Minutes

Moved by M. Gloudemans, seconded by T. Bevers to approve the Minutes of October 20, 2015 and November 3, 2015 as presented.

All Ayes – Motion Carried

Discussion—2016 Budget

Finance Director Matheny asked if there were any questions on the budget packet that she handed out at the last meeting. It was noted that the Village Board is having a formal budget hearing on December 2. The reason for the increase in Operating Expense in the Sewer Utility section is due to the allocation of the salary for the engineer, for the entire year, as opposed to a partial year in 2015, when the engineer was hired.

Discussion—Utility Billing

Finance Director Matheny gave an update on utility billing. The door hangers are being distributed and it appears as though one door hanger cycle will be adequate. The December newsletter will provide utility billing information and there will be an insert in the December MCO bill. The Village intern is working to include information on the Village website. Data from Kaukauna Utilities was pulled, as of last week, and is being reviewed. At the next meeting, on December 1, approval is being sought for the PSN process. Continuing to work on how to assign account numbers and develop protocol on how payments will be applied. Training for the new system is taking place on December 7. Finance is planning to hire a full-time Accounting Clerk and two part-time Cashiers.

Progress Reports

MCO Operations Update

MCO Representative, Jerry Verstegen provided updates for current, past and ongoing Water Department projects and areas of concern. The silicate pump was repaired at Well #4 and resin was added to shells at Well #4. and brine pump was replaced. There was a water break on Orchard. The fall hydrant flush is complete and the hydrant was replaced at Carol Lynn. There was discussion about resin replacement, but need to analyze salt savings before taking action.

Director of Public Works

Director of Public Works, Roy Van Gheem provided updates on current projects and storm sewer. The interceptor on Cherryvale, Nixon and Eisenhower are complete. The Buchanan interceptor project is well underway up to Wilson and utilities on Taylor are complete.

Finance Director

Director Matheny stated it was proposed to the Village Board to raise Storm Water Utility rate by \$1.00 by due to pipe expansion. The sewer rates are not changing. There were no phone calls questioning the 3% rate increase on the current bills from Kaukauna Utilities.

Approval of Vouchers

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

All Ayes – Motion Carried

Unfinished Business

The houses torn down on Highway 96 have abandoned wells without active permits.

Items for Future Agenda

Approval of PSN

Kaukauna Utilities Policy

Well #4 tour on December 15

Adjournment

Moved by T. Bevers, seconded by K. Coffey to adjourn the meeting at 6:51 p.m.

All Ayes – Motion Carried

VILLAGE OF LITTLE CHUTE

Attest: Laurie Decker, Village Clerk

By: Kevin Coffey, Chair



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 2015

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

1. Plants/Treatment

- Fixed #2 reservoir pressure valve
- Quarterly oil changes on pumps and compressors
- Replaced brine pump at well #4

2. Distribution

- Taylor construction finished
- Water Break Homewood Ct
- Replaced the 6" service valve at old DPW

3. Meters

- Finishing up residential meter changes
- Meter reading conversion

4. General Water

- Editing Dept. Water main Specs.

Jerry Verstegen (920-858-7477)

2015 Pumpage Totals

Pumpage x 1000												Waste Discharge 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	# 4	Totals	# 1	# 3	# 4	Totals	# 1	# 3	# 4	Totals	# 1	# 3	# 4	Totals	# 1	# 3	# 4	# 1	# 3	# 4	# 1	# 3	# 4														
1-Nov	1,038	200	7	1,068	224	0	1,245	1,292	96	0	96	96	0	0	0	96	0	0	0	96	8.97%	12.20%	1.49%	83.4%	16.1%	0.6%	2-Nov	183	659	414	71	697	452	1,256	1,220	2.9	16	36	37	73	7.69%	13.61%	4.75%	14.6%	52.5%	33.0%
3-Nov	90	679	478	109	551	491	1,247	1,151	13.2	15	28	85	6.45%	12.84%	4.69%	7.2%	54.5%	38.3%	4-Nov	134	643	462	165	613	478	1,239	1,256	13.3	11	37	24	55	6.72%	12.00%	4.72%	10.8%	51.9%	37.3%								
5-Nov	628	123	479	548	197	512	1,230	1,257	52	5	57	54	8.15%	17.83%	4.69%	51.1%	10.0%	38.9%	6-Nov	0	617	482	0	543	505	1,099	1,048	0	0	0	37	12.11%	4.71%	0.0%	56.1%	43.9%										
7-Nov	0	717	320	0	640	411	1,037	1,051	0	16	16	72	13.30%	4.67%	0.0%	69.1%	30.9%	8-Nov	0	732	543	0	746	518	1,275	1,264	0	15	35	37	72	13.31%	4.63%	0.0%	57.4%	42.6%										
9-Nov	25	622	427	75	533	542	1,074	1,150	0	0	0	60	3.70%	12.31%	4.63%	2.3%	57.9%	39.8%	10-Nov	606	107	439	556	125	475	1,152	1,156	59.4	16	11	38	75	49	8.88%	11.96%	4.58%	52.6%	9.3%								
11-Nov	112	646	528	141	548	493	1,286	1,182	5.1	5	10	39	7.96%	12.22%	4.59%	8.7%	50.2%	41.1%	12-Nov	652	110	491	576	205	524	1,253	1,305	52.5	10	16	44	63	60	8.20%	12.95%	4.50%	52.0%	8.8%								
13-Nov	0	598	434	0	534	472	1,032	1,006	0	1	1	47	11.24%	4.78%	0.0%	57.9%	42.1%	14-Nov	0	699	370	0	659	468	1,069	1,127	0	15	35	37	15	72	13.37%	4.53%	0.0%	65.4%	34.6%									
15-Nov	0	737	554	0	701	575	1,291	1,276	0	16	16	82	13.13%	4.70%	0.0%	57.1%	42.9%	16-Nov	36	1,168	123	95	1,039	111	1,327	1,245	6.4	18	46	19	24	65	5.13%	13.12%	4.50%	2.7%	88.0%									
17-Nov	674	72	408	594	102	448	1,154	1,144	62.3	2	64	25	8.70%	15.45%	4.67%	58.4%	6.2%	35.4%	18-Nov	79	754	360	120	635	460	1,193	1,215	9.6	16	34	25	26	59	7.32%	13.12%	4.71%	6.6%	63.2%								
19-Nov	691	36	535	647	53	515	1,262	1,215	51.9	0	52	35	8.30%	10.00%	4.64%	54.8%	2.9%	42.4%	20-Nov	25	583	441	0	573	581	1,049	1,154	0	16	34	35	16	69	4.17%	12.93%	4.59%	2.4%	55.6%								
21-Nov	0	650	465	0	636	425	1,115	1,061	0	0	0	36	12.04%	4.56%	0.0%	58.3%	41.7%	22-Nov	0	740	339	0	743	432	1,079	1,175	0	15	34	36	15	70	12.97%	5.41%	0.0%	68.6%	31.4%									
23-Nov	136	616	369	182	514	416	1,121	1,112	13.4	16	29	46	8.15%	12.99%	3.99%	12.1%	55.0%	32.9%	24-Nov	646	194	544	577	144	528	1,384	1,249	51	5	1	36	56	37	8.41%	12.42%	4.61%	46.7%	14.0%								
25-Nov	60	774	550	49	691	635	1,384	1,375	13.1	11	24	82	5.77%	12.94%	4.68%	4.3%	55.9%	39.7%	26-Nov	616	74	266	629	65	265	956	959	48.5	0	12	49	12	59	8.03%	13.92%	4.39%	64.4%	7.7%								
27-Nov	40	554	233	10	530	345	827	885	2.6	15	18	59	7.69%	13.39%	4.23%	4.8%	67.0%	28.2%	28-Nov	0	723	383	0	686	351	1,106	1,037	0	10	23	33	10	56	12.95%	4.46%	0.0%	65.4%	34.6%								
29-Nov	0	856	330	0	817	377	1,186	1,194	0	16	16	48	11.75%	4.45%	0.0%	72.2%	27.8%	30-Nov	0	579	417	63	508	498	996	1,069	0	10	23	9	10	32	11.76%	4.58%	0.0%	58.1%	41.9%									
Avg	216	542	406	209	508	443	1,164	1,161	18	10	28	53	7.3%	12.9%	4.5%	18.0%	47.1%	34.9%	Total	6,471	16,262	12,191	6,275	15,252	13,303	34,924	34,830	553	28	31	28	53	7.3%	12.9%	4.5%	18.0%	47.1%	34.9%								

2015 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	103	12.2	0		244	40	0		11,700	0	0		1.49	0.91			8.17	6.95		
2-Nov	13.6	40.4	30.8		38	144	80		0	5,720	5,720		1.11	0.92	1.12		7.22	7.60	6.72	
3-Nov	6.8	55.4	35.2		16	144	94		1,820	5,720	7,800		1.13	1.22	1.10		6.18	7.37	6.84	
4-Nov	9.8	50.6	34.6		24	146	90		1,300	3,900	5,980		1.10	1.18	1.12		6.23	7.90	6.77	
5-Nov	54.6	7.4	36		146	22	92		5,980	2,080	5,720		1.30	0.90	1.13		8.08	6.22	6.68	
6-Nov	0	49.6	36.2		0	130	92		0	0	5,980			1.20	1.13		7.33	6.64		
7-Nov	0	56.8	23.8		0	162	58		0	5,720	5,720			1.19	1.11		7.86	6.30		
8-Nov	0	74.6	40.2		0	154	106		0	5,720	5,980			1.53	1.11		7.32	6.79		
9-Nov	3.2	67.4	32		4	134	82		0	4,680	5,720		1.92	1.62	1.12		5.56	7.49	6.68	
10-Nov	62.4	14	32.4		140	60	84		7,280	1,300	5,980		1.54	1.96	1.11		8.03	19.50	6.65	
11-Nov	10.4	84.4	39.6		24	140	100		0	2,080	5,720		1.39	1.96	1.12		7.45	7.54	6.59	
12-Nov	63.8	17.2	37		138	28	92		5,980	2,600	5,720		1.47	2.34	1.13		7.36	8.85	6.52	
13-Nov	0	74.4	32		0	120	78		0	1,040	5,980			1.86	1.11		6.98	6.25		
14-Nov	0	81.6	27.8		0	150	62		0	6,500	5,720			1.75	1.13		7.46	5.83		
15-Nov	0	84.6	41.6		0	164	102		0	5,460	7,800			1.72	1.13		7.74	6.40		
16-Nov	3	128.8	9		10	258	20		0	8,060	1,820		1.25	1.65	1.10		9.66	7.68	5.65	
17-Nov	67	9.6	30.2		160	10	78		7,540	0	5,460		1.49	2.00	1.11		8.25	4.83	6.65	
18-Nov	6.4	79.8	27.4		12	168	70		1,560	5,720	4,160		1.21	1.59	1.14		5.28	7.75	6.76	
19-Nov	65.4	1.2	40.4		166	6	96		5,720	0	6,240		1.42	0.50	1.13		8.35	5.80	6.24	
20-Nov	1.8	60.6	33		2	124	78		0	5,980	6,240		1.08	1.56	1.12		2.78	7.40	6.15	
21-Nov	0	63.8	34.6		0	142	82		0	0	6,240			1.47	1.12		7.60	6.13		
22-Nov	0	70.2	25.8		0	152	60		0	6,240	6,240			1.42	1.14		7.14	6.15		
23-Nov	13.8	53	27.8		28	144	64		1,560	5,720	2,080		1.52	1.29	1.13		7.16	8.13	6.03	
24-Nov	59.4	17.8	40.6		154	36	100		5,720	780	6,240		1.38	1.38	1.12		8.29	6.45	6.39	
25-Nov	5.6	68	40.2		14	145	102		1,560	5,200	8,580		1.40	1.32	1.10		8.11	6.51	6.45	
26-Nov	65.4	5.8	19.6		142	20	44		5,720	0	2,080		1.59	1.17	1.10		8.02	9.40	5.75	
27-Nov	3.2	44.6	17.4		12	124	40		0	5,720	4,160		1.20	1.21	1.12		10.43	7.78	5.97	
28-Nov	0	51.4	28.8		0	154	68		0	3,900	6,240			1.07	1.13		7.41	6.17		
29-Nov	0	58.4	24.6		0	192	58		0	5,720	2,080			1.02	1.12		7.80	6.11		
30-Nov	0	35	31.4		0	136	72		0	3,900	6,240			0.91	1.13		8.17	6.00		
Avg	20.6	50.6	30.3		49.1	118.3	74.8		2,115	3,649	5,321		1.4	1.4	1.1		7.4	7.8	6.4	
Total	618.6	1,518.6	910.0		1,474.0	3,549.0	2,244.0		63,440	109,460	159,640		26.0	41.8	32.5		140.6	233.9	184.3	

2015 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	17,032	16,461	n/a	1,208	16,243	15,246	900	286	1,859	1,887	124	n/a	35,134	33,594	1,024	1,494
February	8,581	8,311	n/a	647	13,033	12,231	815	237	10,602	10,696	1,022	n/a	32,216	31,238	1,837	884
March	10,791	10,383	n/a	753	13,310	12,512	811	213	12,013	12,914	985	n/a	36,114	35,809	1,796	966
April	12,188	11,770	n/a	861	12,427	11,680	839	230	10,909	11,929	941	n/a	35,524	35,379	1,780	1,091
May	10,622	10,259	n/a	1,040	15,601	14,640	961	282	12,096	13,171	1,027	n/a	38,319	38,070	1,988	1,322
June	8,354	8,108	n/a	737	15,704	14,702	920	280	15,132	16,371	1,279	n/a	39,190	39,181	2,199	1,017
July	7,894	7,616	n/a	629	21,253	19,928	1,308	385	15,337	16,829	1,353	n/a	44,484	44,373	2,661	1,014
August	12,362	12,005	n/a	987	16,549	15,491	1,069	340	13,361	15,071	1,387	n/a	42,272	42,567	2,456	1,327
September	10,288	9,883	n/a	838	12,422	11,599	609	244	13,722	15,603	1,281	n/a	36,432	37,085	1,890	1,082
October	11,768	11,421	n/a	965	15,161	14,140	614	274	11,390	12,542	1,176	n/a	38,319	38,103	1,790	1,239
November	6,471	6,275	n/a	553	16,262	15,252	646	291	12,191	13,303	936	n/a	34,924	34,830	1,582	844
Average	10,577	10,227	n/a	838	15,270	14,311	863	278	11,692	12,756	1,046	n/a	37,539	37,294	1,909	1,116
Total	116,351	112,492	n/a	9,217	167,965	157,421	9,492	3,062	128,612	140,316	11,511	n/a	412,928	410,229	21,003	12,279

Jerry Verstegen
 Little Chute Water Department
 Phone 920-788-7522
 Fax 920-788-7523
lcwater@littlechutewi.org

2015 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
01/05/15	0.63	0.57	7.4	7.0	9.0	0.11	0.65	0.63	7.3	8.0	10.0	0.12	0.59	0.52	7.4	7.0	9.0	0.08	0.42	0.40	7.5	6.0	9.0	0.05
01/12/15	0.25	0.23	7.4	6.0	15.0	0.08	0.48	0.47	7.3	9.0	11.0	0.09	0.42	0.38	7.3	10.0	6.0	0.13	0.52	0.48	7.5	7.0	6.0	0.12
01/19/15	0.32	0.29	7.3	6.0	6.0	0.10	0.43	0.39	7.4	7.0	8.0	0.12	0.48	0.41	7.4	8.0	9.0	0.16	0.37	0.29	7.4	8.0	8.0	0.06
01/26/15	0.24	0.22	7.1	12.0	9.0	0.10	0.35	0.31	7.3	12.0	5.0	0.09	0.36	0.30	7.2	10.0	5.0	0.12	0.27	0.22	7.2	11.0	8.0	0.09
02/02/15	0.64	0.48	7.3	5.0	10.0	0.10	0.42	0.35	7.3	5.0	11.0	0.11	0.48	0.38	7.4	7.0	5.0	0.07	0.46	0.39	7.4	8.0	8.0	0.18
02/09/15	0.62	0.60	7.3	7.0	7.0	0.04	0.88	0.71	7.2	6.0	6.0	0.02	0.56	0.49	7.4	5.0	11.0	0.02	0.39	0.37	7.3	10.0	8.0	0.13
02/16/15	0.31	0.26	7.5	7.0	7.0	0.06	0.35	0.30	7.3	6.0	12.0	0.01	0.14	0.07	7.3	12.0	9.0	0.60	0.34	0.30	7.5	7.0	6.0	0.02
02/23/15	0.48	0.45	7.5	8.0	11.0	0.16	0.22	0.18	7.2	12.0	16.0	0.08	0.47	0.45	7.3	13.0	8.0	0.14	0.11	0.10	7.3	14.0	7.0	0.11
03/02/15	0.29	0.25	7.3	6.0	7.0	0.12	0.19	0.12	7.3	6.0	10.0	0.23	0.51	0.49	7.4	12.0	13.0	0.11	0.42	0.40	7.3	12.0	7.0	0.17
03/09/15	0.38	0.35	7.4	6.0	3.0	0.01	0.51	0.48	7.5	5.0	8.0	0.01	0.18	0.12	7.6	6.0	14.0	0.02	0.46	0.41	7.6	10.0	6.0	0.02
03/16/15	0.18	0.13	7.4	5.0	15.0	0.23	0.45	0.42	7.3	9.0	8.0	0.26	0.50	0.48	7.3	14.0	13.0	0.54	0.38	0.37	7.3	9.0	10.0	0.27
03/23/15	0.48	0.42	7.3	4.0	11.0	0.50	0.45	0.41	7.4	11.0	15.0	0.23	0.46	0.44	7.6	5.0	7.0	0.20	0.36	0.35	7.4	10.0	10.0	0.07
03/30/15	0.35	0.31	7.4	5.0	9.0	0.21	0.33	0.29	7.3	7.0	10.0	0.19	0.29	0.27	7.5	7.0	9.0	0.21	0.35	0.33	7.4	9.0	11.0	0.11
04/06/15	0.30	0.29	7.4	6.0	7.0	0.08	0.22	0.18	7.4	5.0	7.0	0.08	0.19	0.15	7.5	6.0	10.0	0.32	0.21	0.18	7.2	9.0	8.0	0.16
04/13/15	0.35	0.32	7.4	5.0	8.0	0.02	0.31	0.28	7.5	7.0	7.0	0.27	0.19	0.16	7.5	7.0	12.0	0.40	0.32	0.30	7.5	8.0	9.0	0.40
04/20/15	0.33	0.31	7.5	5.0	9.0	0.09	0.35	0.31	7.4	6.0	9.0	0.22	0.23	0.19	7.5	6.0	11.0	0.26	0.33	0.29	7.4	7.0	10.0	0.19
04/27/15	0.22	0.21	7.4	6.0	11.0	0.11	0.25	0.23	7.4	5.0	9.0	0.19	0.21	0.19	7.4	7.0	9.0	0.23	0.24	0.21	7.5	7.0	9.0	0.15
05/04/15	0.27	0.23	7.5	7.0	8.0	0.10	0.36	0.32	7.5	8.0	9.0	0.11	0.37	0.31	7.4	9.0	10.0	0.19	0.31	0.30	7.4	9.0	0.1	0.14
05/11/15	0.35	0.30	7.3	8.0	4.0	0.07	0.40	0.38	7.5	6.0	3.0	0.10	0.32	0.27	7.5	9.0	9.0	0.06	0.23	0.20	7.5	6.0	3.0	0.05
05/18/15	0.23	0.22	7.3	8.0	3.0	0.33	0.42	0.35	7.4	5.0	11.0	0.14	0.27	0.25	7.4	6.0	5.0	0.07	0.37	0.34	7.5	6.0	14.0	0.07
05/25/15	0.30	0.25	7.5	9.0	12.0	0.09	0.39	0.32	7.3	6.0	6.0	0.04	0.29	0.19	7.5	6.0	4.0	0.28	0.28	0.19	7.2	9.0	4.0	0.04
06/01/15	0.42	0.39	7.3	6.0	11.0	0.11	0.29	0.23	7.3	9.0	10.0	0.17	0.35	0.30	7.3	5.0	10.0	0.21	0.34	0.28	7.5	6.0	9.0	0.11
06/08/15	0.33	0.31	7.4	7.0	11.0	0.09	0.25	0.21	7.4	8.0	9.0	0.11	0.32	0.29	7.3	7.0	10.0	0.17	0.33	0.32	7.4	7.0	10.0	0.12
06/15/15	0.29	0.27	7.4	7.0	9.0	0.12	0.24	0.23	7.3	7.0	10.0	0.13	0.34	0.31	7.4	8.0	9.0	0.11	0.39	0.35	7.5	8.0	11.0	0.09
06/22/15	0.35	0.33	7.3	6.0	7.0	0.09	0.32	0.29	7.4	7.0	8.0	0.14	0.29	0.27	7.3	8.0	7.0	0.10	0.27	0.26	7.4	7.0	9.0	0.11
06/29/15	0.33	0.29	7.4	6.0	8.0	0.11	0.37	0.34	7.3	7.0	8.0	0.11	0.33	0.29	7.4	7.0	10.0	0.09	0.30	0.29	7.5	7.0	7.0	0.13
07/06/15	0.45	0.41	7.4	7.0	8.0	0.08	0.51	0.49	7.4	6.0	7.0	0.09	0.35	0.33	7.3	6.0	9.0	0.11	0.37	0.35	7.4	6.0	9.0	0.12
07/13/15	0.42	0.36	7.3	9.0	11.0	0.19	0.42	0.38	7.3	7.0	9.0	0.08	0.39	0.34	7.4	8.0	10.0	0.19	0.42	0.33	7.4	6.0	8.0	0.09
07/20/15	0.21	0.18	7.4	6.0	6.0	0.07	0.22	0.19	7.4	10.0	9.0	0.02	0.48	0.37	7.5	9.0	7.0	0.02	0.16	0.15	7.3	5.0	12.0	0.05
07/27/15	0.18	0.13	7.5	4.0	14.0	0.21	0.26	0.21	7.3	4.0	12.0	0.10	0.19	0.16	7.5	5.0	13.0	0.08	0.53	0.49	7.5	7.0	9.0	0.19
08/03/15	0.19	0.10	7.4	6.0	6.0	0.08	0.18	0.15	7.3	5.0	8.0	0.09	0.08	0.06	7.4	5.0	7.0	0.08	0.24	0.17	7.3	7.0	7.0	0.09
08/10/15	0.36	0.33	7.3	7.0	9.0	0.07	0.32	0.29	7.4	6.0	10.0	0.08	0.25	0.21	7.3	6.0	9.0	0.09	0.45	0.39	7.4	6.0	9.0	0.11
08/17/15	0.41	0.29	7.4	7.0	6.0	0.09	0.51	0.48	7.4	6.0	9.0	0.11	0.72	0.70	7.5	6.0	10.0	0.13	0.56	0.49	7.4	7.0	8.0	0.10
08/24/15	0.97	0.91	7.4	6.0	10.0	0.05	0.36	0.33	7.3	5.0	7.0	0.04	0.70	0.59	7.4	5.0	11.0	0.23	0.50	0.47	7.3	9.0	16.0	0.01
08/31/15	0.25	0.18	7.3	4.0	5.0	0.08	0.21	0.17	7.5	5.0	7.0	0.01	0.78	0.65	7.6	10.0	10.0	0.08	0.32	0.26	7.5	8.0	3.0	0.07
09/07/15	0.41	0.36	7.3	4.0	4.0	0.07	0.43	0.39	7.3	4.0	12.0	0.08	0.18	0.15	7.2	12.0	15.0	0.22	0.49	0.38	7.5	6.0	6.0	0.10
09/14/15	0.36	0.32	7.4	6.0	8.0	0.11	0.29	0.22	7.4	6.0	10.0	0.15	0.33	0.28	7.2	9.0	10.0	0.21	0.43	0.38	7.4	7.0	9.0	0.17
09/21/15	0.26	0.22	7.3	6.0	3.0	0.13	0.28	0.26	7.5	6.0	7.0	0.09	0.43	0.36	7.5	13.0	4.0	0.09	0.34	0.31	7.4	6.0	12.0	0.17
09/28/15	0.27	0.24	7.4	7.0	7.0	0.12	0.29	0.27	7.4	7.0	9.0	0.07	0.23	0.21	7.4	6.0	8.0	0.14	0.33	0.31	7.5	7.0	9.0	0.11
10/05/15	0.26	0.23	7.4	4.0	4.0	0.10	0.25	0.21	7.4	7.0	5.0	0.10	0.17	0.10	7.6	6.0	13.0	0.12	0.32	0.28	7.5	9.0	12.0	0.09
10/12/15	0.32	0.27	7.3	6.0	7.0	0.09	0.30	0.25	7.4	6.0	10.0	0.11	0.21	0.17	7.3	7.0	10.0	0.13	0.34	0.29	7.4	8.0	10.0	0.13
10/19/15	0.37	0.21	7.3	5.0	4.0	0.01	0.36	0.30	7.3	4.0	5.0	0.02	0.47	0.46	7.4	14.0	8.0	0.20	0.36	0.34	7.5	8.0	8.0	0.01
10/26/15	0.45	0.37	7.6	4.0	7.0	0.01	0.34	0.27	7.4	6.0	8.0	0.03	0.26	0.19	7.3	7.0	7.0	0.02	0.44	0.43	7.4	9.0	9.0	0.04
11/02/15	0.29	0.26	7.4	6.0	10.0	0.12	0.33	0.31	7.2	16.0	5.0	0.06	0.33	0.26	7.5	17.0	9.0	0.07	0.47	0.44	7.4	15.0	3.0	0.07
11/09/15	0.44	0.39	7.5	4.0	3.0	0.05	0.38	0.36	7.4	5.0	5.0	0.09	0.18	0.16	7.6	8.0	8.0	0.15	0.38	0.34	7.5	5.0	9.0	0.02
11/16/15	0.37	0.34	7.4	6.0	5.0	0.09	0.33	0.29	7.4	4.0	6.0	0.07	0.25	0.21	7.5	7.0	5.0	0.11	0.29	0.27	7.5	6.0	7.0	0.05
11/23/15	0.44	0.38	7.4	5.0	8.0	0.01	0.41	0.39	7.3	7.0	10.0	0.01	0.83	0.77	7.4	5.0	9.0	0.08	0.48	0.43	7.2	5.0	7.0	0.03
11/30/15																								
12/07/15																								
12/14/15																								
12/21/15																								
12/28/15																								
Avg	0.36	0.31	7.38	6.15	7.91	0.11	0.36	0.32	7.36	6.83	8.64	0.10	0.36	0.31	7.41	8.04	9.06	0.16	0.36	0.32	7.41	7.85	8.28	0.11