AGENDA SHAKOPEE PUBLIC UTILITIES COMMISSION REGULAR MEETING July17, 2017

1.	Call to C	Order at 5:00pm	in the SPUC	Service Ce	nter, 255	Sarazin Street
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- 2. Approval of Minutes
- 3. Communications
- 4. Approve the Agenda
- 5. Approval of Consent Business
- 6. **Bills: Approve Warrant List**
 - 6a) July 3, 2017
 - 6b) July 17, 2017
- 7. Liaison Report
- 8. Reports: Water Items
 - 8a) Water System Operations Report Verbal
 - 8b) Haven Ridge Prior Lake Temporary Water
 - C=> 8c) Quarterly Nitrate Results
 - C=> 8d) Water Production Dashboard
- 9. Reports: Electric Items
 - 9a) Electric System Operations Report Verbal
 - 9b) June 2017 MMPA Board Meeting Public Summary
 - 9c) WMP Partners Smart Grid Business Case Review
- 10. Reports: Human Resources
- 11. Reports: General
 - 11a) Daffron iXP Upgrade Project Update Verbal
 - 11b) June 2017 Financial Results
- 12. New Business
- 13. Tentative Dates for Upcoming Meetings
 - Regular Meeting
- August 7
- Mid Month Meeting
- August 21 (MMPA Conference)
- Regular Meeting
- September 5 (Tuesday)
- Mid Month Meeting
- September 18
- 14. **Adjourn** to <u>8/7/17</u> at the SPUC Service Center, 255 Sarazin Street

MINUTES

OF THE

SHAKOPEE PUBLIC UTILITIES COMMISSION (Regular Meeting)

Vice President Weyer called the regular session of the Shakopee Public Utilities Commission to order at the Shakopee Public Utilities meeting room at 5:00 P.M., June 19, 2017.

MEMBERS PRESENT: Commissioners Joos, Helkamp, Hennen and Weyer. Also present, Finance Director Schmid, Planning & Engineering Director Adams, Line Superintendent Drent, Water Superintendent Schemel and Marketing/Customer Relations Director Walsh. Commissioner Amundson was absent as previously advised.

Motion by Helkamp, seconded by Joos to approve the minutes of the June 5, 2017 Commission meeting. Motion carried.

There were no Communications to report.

Vice President Weyer offered the agenda for approval.

Motion by Helkamp, seconded by Hennen to approve the agenda as presented. Motion carried.

Motion by Joos, seconded by Helkamp to approve the Consent Business agenda as presented. Motion carried.

Vice President Weyer stated that the Consent Items were: Item 8c: Water Production Dashboard and Item 11c: May 2017 Financial Results.

The warrant listing for bills paid June 19, 2017 was presented.

Motion by Joos, seconded by Hennen to approve the warrant listing dated June 19, 2017 as presented. Motion carried.

Water Superintendent Schemel provided a report of current water operations. Water service leaks on street reconstruction projects were discussed. Other construction projects were updated.

Motion by Joos, seconded by Helkamp to offer Resolution #1165. A Resolution Setting The Amount Of The Trunk Water Charge, Approving Its Collection And Authorizing Water Service To Certain Property Described As: West Vierling Acres Second Addition. Ayes: Commissioners Hennen, Joos, Helkamp and Weyer. Nay: none. Motion carried. Resolution passed.

Item 8c: Water Production Dashboard was received under Consent Business.

Line Superintendent Drent provided a report of current electric operations. Eight electric outages were reviewed. The cause of each outage was discussed. SCADA training will continue and the SCADA project is on schedule. Several construction updates were provided.

The West Monroe Partners "Smart Grid Business Case and Technology Roadmap for SPU" Report was received by the Commission for review. Discussion regarding the report will take place at a future meeting.

Finance Director Schmid reviewed the 2016 Total Compensation and Benefits Summaries that were provided to all SPU employees.

Marketing/Customer Relations Director Walsh updated the Commission on the status of the Daffron iXP Upgrade Project. The complicated project is still on schedule to "go live" in mid August.

Vice President Weyer presented the Utilities Manager's Goals and Objectives for 2017.

Item 11c: May 2017 Financial Results was received under Consent Business.

The tentative commission meeting date of July 3 was canceled and July 17 will be scheduled as the next Commission meeting.

Motion by Helkamp, seconded by Joos to adjourn to the July 17, 2017 meeting. Motion carried.

Commission Secretary: John R. Crooks

SHAKOPEE PUBLIC UTILITIES MEMORANDUM

TO:

SHAKOPEE PUBLIC UTILITIES COMMISSION

FROM:

JOHN R. CROOKS, UTILITIES MANAGER

SUBJECT:

HAVEN RIDGE TEMPORARY WATER REQUEST

DATE:

JULY 13, 2017

Attached to this memo is a request from M/I Homes of Minneapolis requesting Shakopee's municipal water system provide temporary water, as described, to their residential housing development in Prior Lake.

SPU Staff has determined the water system would be able to accommodate this request. Discussions have taken place with the developer, City of Prior Lake Staff as well as SPU Staff. Discussions have also taken place with our water consultant, John Karwacki of Sambatek Engineering regarding the request.

Further discussions may lead to a permanent interconnection with the Prior Lake water system. Presently, SPU has 2 interconnections with the City of Savage. The MN DNR looks favorably with municipal water supply interconnections. This may be important due to the residential growth in Shakopee and the future need to increase our water appropriations with the DNR.

Recommendation -

To have SPU Staff continue in the negotiations in providing the temporary water supply to the 25 residential homes as part of the Villa home portion of Phase 1 of the Ridge Haven development in Prior Lake.



Minneapolis Division 941 Hillwind Rd NE, Suite 300 Fridley, MN 55432 763.586.7200 OFFICE 763.572.9417 FAX

7/12/17

Re: Request for temporary water connection

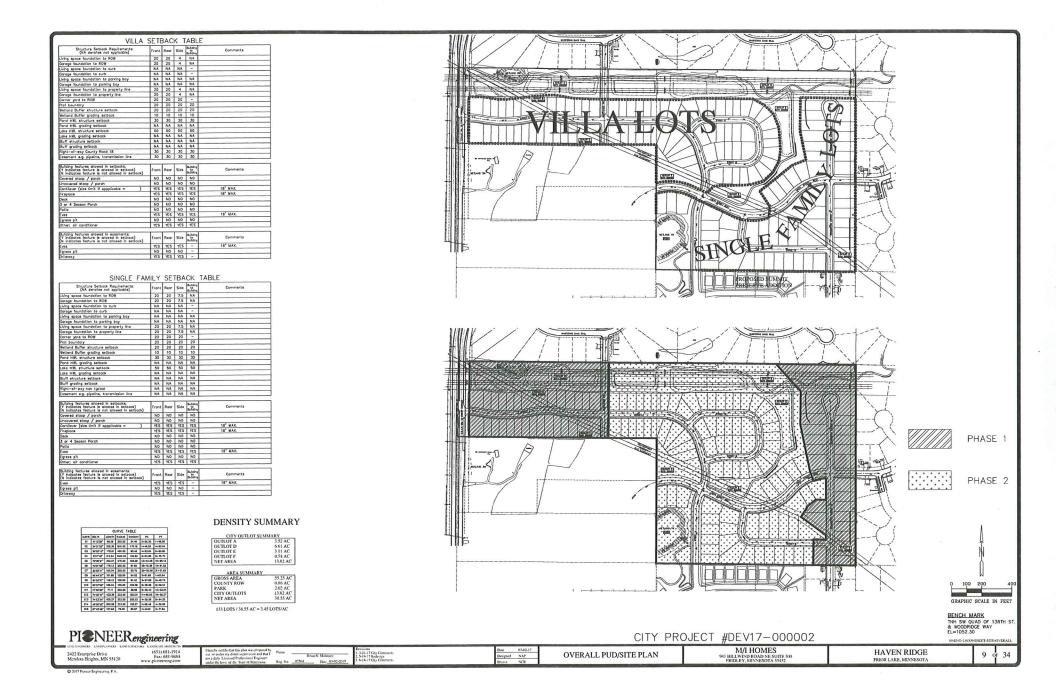
Dear Mr. John Crooks and the Shakopee Public Utilities Commission,

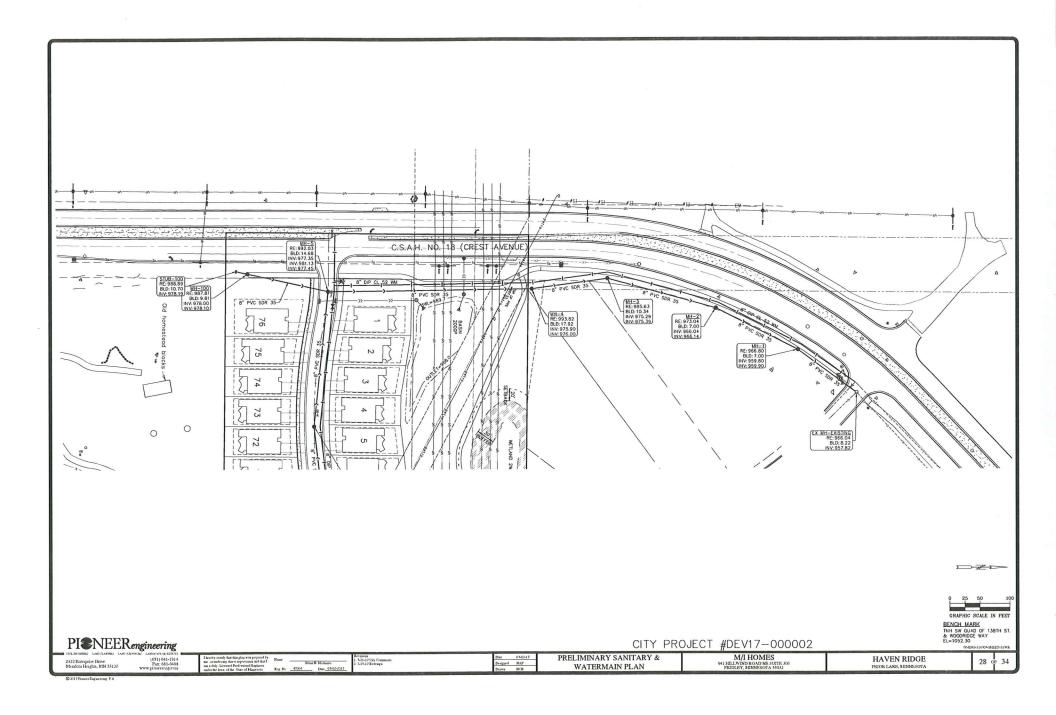
We as MI Homes of Minneapolis, LLC are formally requesting a water connection from the City of Shakopee to temporarily serve a portion of the Haven Ridge residential development in Prior Lake. Please see attached exhibits for reference. Haven Ridge is an approved preliminary plat of 133 single family home sites to be built in two phases. Our main entrance to the community and model home center will be located on CR18 at the Northwest corner of the site on the Shakopee border. Once installed our planned permanent water source will come from the booster station at Summit Preserve, and the existing Kensington Ave stub. Due to the timing of our final approvals, progress at Summit Preserve, and amount of site work to connect, we will not be able to complete the necessary improvements by freeze up. We are requesting a temporary connection be made at the intersection of CR18 and Whispering Oaks Trail to serve 25 residential homes noted on exhibit A as part of the Villa home portion of phase one. This connection will give us the ability to market and complete home sites in 2017, and final connections will be made in 2018. We are requesting this connection be made approximately the week of September 4th 2017, and remain active for one year from the connection date.

We thank you for the consideration of our request. Please feel free to contact me with any questions.

Sincerely,

Jason Biederwolf Director of Land Development MI Homes of Minneapolis







MEMORANDUM

TO:

John R. Crooks, Utilities Manager

FROM:

Lon R. Schemel, Water Superintendent

SUBJECT:

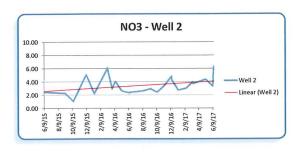
Nitrate Results Update -- Advisory

DATE:

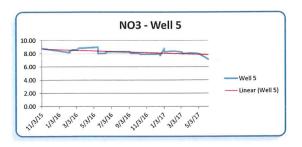
July 5, 2017

Attached are the latest nitrate test results for the wells. The analyses provided are for the prior 2 years of data collected with trend graphs.

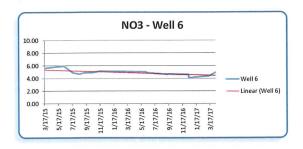
	Sample	Results			
Location	Collected	Received	Results	Lab	Run Time
2 2	6/9/15 9/8/15	6/16/15 9/15/15	2.43 2.27	MVTL MVTL	26 hrs prior 132 hrs prior
2	10/13/15	10/19/15	1.03	MVTL	96 hrs prior
2	12/8/15	2/1/16	5.04	MVTL	132 hrs prior
2	1/12/16	1/25/16	2.22 5.93	MVTL MVTL	220 hrs prior 168 hrs prior
2 2	3/8/16 3/8/16	3/14/16 8/30/16	6.10	MDH	100 III3 piloi
2	3/29/16	4/4/16	2.96	MVTL	312 hrs prior
2	4/12/16	4/19/16	4.05 2.60	MVTL	48 hrs prior
2	5/10/16 5/10/16	5/16/16 6/2/16	2.60	MVTL	144 hrs prior
2	6/14/16	6/20/16	2.32	MVTL	168 hrs prior
2	6/14/16	7/22/16	2.40	MDH	132 hrs prior
2 2	8/9/16 9/13/16	8/22/16 9/28/16	2.60 2.94	MVTL MVTL	168 hrs prior
2	9/13/16	10/24/16	2.90	MDH	
2	10/11/16	10/17/16	2.42	MVTL MVTL	192 hrs prior
2	11/8/16 12/13/16	11/17/16 12/19/16	3.28 4.82	MVTL	168 hrs prior 192 hrs prior
2	12/13/16	2/9/17	4.30	MDH	
2	1/10/17	1/20/17	2.73	MVTL	168 hrs prior
2	2/14/17 3/14/17	3/6/17 3/23/17	3.02 3.98	MVTL MVTL	168 hrs prior 168 hrs prior
2	3/14/17	4/24/17	3.70	MDH	i co illo pilo.
2	5/9/17	5/25/17	4.33	MVTL	168 hrs prior
2	6/8/17	6/28/17 6/20/17	3.30 6.28	MDH MVTL	168 hrs prior 192 hrs prior
2	6/13/17	6/20/17	0.20	WIVIL	192 1113 pilot
4	7/21/15	7/29/15	5.10	MVTL	220 hrs prior
4	11/3/15 11/3/15	11/9/15 4/29/16	6.85 6.70	MVTL	168 hrs prior
4	2/9/16	2/16/16	7.18	MVTL	112 hrs prior
4	2/9/16	4/29/16	7.30	MDH	444 bas astas
4	3/8/16 3/8/16	3/14/16 8/30/16	6.31 6.60	MVTL MDH	144 hrs prior
4	5/17/16	5/25/16	6.33	MVTL	168 hrs prior
4	5/17/16	11/10/16	5.60	MDH	400 h
4	6/14/16 7/5/16	6/20/16 7/12/16	5.35 5.37	MVTL	168 hrs prior 168 hrs prior
4	7/5/16	11/10/16	5.10	MDH	Too IIIo piloi
4	6/14/16	7/22/16	5.60	MDH	
4 4	9/6/16 9/6/16	9/12/16 2/9/17	4.73 4.70	MVTL	220 hrs prior
4	10/11/16	10/17/16	5.04	MVTL	168 hrs prior
4	10/11/16	11/10/16	5.00	MDH	400 has asias
4	12/20/16 12/20/16	12/27/16 2/9/17	5.57 5.40	MVTL	168 hrs prior
4	1/3/17	1/16/17	6.15	MVTL	168 hrs prior
4	1/3/17	5/4/17	5.80 5.84	MDH MVTL	168 hrs prior
4	2/7/17 3/7/17	2/14/17 3/16/17	5.42	MVTL	168 hrs prior
4	3/7/17	4/24/17	5.60	MDH	
4	4/4/17	4/10/17	5.91 5.10	MVTL	168 hrs prior 168 hrs prior
4	5/2/17 6/6/17	5/10/17 6/14/17	4.33	MVTL	168 hrs prior
7.5	3,3,1				
5	11/3/15	11/9/15	8.78	MVTL	112 hrs prior
5	11/3/15	4/29/16	8.80	MDH	File
5	2/9/16	2/16/16	8.18	MVTL	434 hrs prior
5 5	2/9/16 3/8/16	4/29/16 3/14/16	8.50 8.62	MDH MVTL	288 hrs prior
5	3/8/16	8/30/16	8.80	MDH	
5	5/17/16	5/25/16	8.96	MVTL	168 hrs prior
5 5	5/17/16 6/14/16	11/10/16 6/20/16	8.00 8.08	MDH MVTL	168 hrs prior
5	6/14/16	7/22/16	8.30	MDH	
5	9/6/16	9/12/16	8.30	MVTL	96 hrs prior
5 5	9/6/16 10/11/16	2/9/17 10/17/16	8.10 8.03	MDH MVTL	168 hrs prior
5	10/11/16	11/10/16	7.90	MDH	. 555 piloi
5	12/20/16	12/27/16	7.94	MVTL	168 hrs prior
5 5	12/20/16 1/3/17	2/9/17 1/16/17	7.70 8.80	MDH MVTL	168 hrs prior
5	1/3/17	5/4/17	8.30	MDH	
5	2/7/17	2/14/17	8.39	MVTL	168 hrs prior
5 5	3/7/17 3/7/17	3/18/17 4/24/17	8.22 8.00	MVTL	168 hrs prior
5	4/4/17	4/10/17	8.12	MVTL	168 hrs prior
5	5/2/17	5/10/17	8.04	MVTL	168 hrs prior
5	6/6/17	6/14/17	7.12	MVTL	168 hrs prior

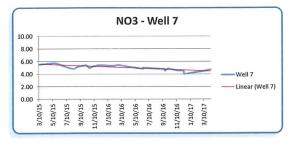


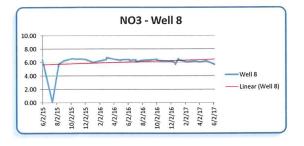




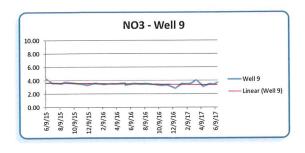
Location	Sample Collected	Results Received		Results	Lab	Run Time
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6	6/9/15	3/30/15 6/16/15		5.94	MVTL	96 hrs prior
6	7/21/15	7/29/15		4.86	MVTL	144 hrs prior
6	8/18/15	8/24/15		4.68	MVTL	696 hrs prior
6	9/8/15	9/15/15		4.89	MVTL	288 hrs prior
6	10/13/15	10/19/15		4.93	MVTL	192 hrs prior
6 6	11/17/15 6/7/16	11/23/15 6/14/16		5.15 5.04	MVTL MVTL	144 hrs prior 195 hrs prior
6	6/7/16	7/22/16		4.90	MDH	100 mo phoi
6	9/13/16	9/28/16		4.64	MVTL	216 hrs prior
6	9/13/16	10/24/16		4.70	MDH	
6	12/13/16	12/19/16		4.60	MVTL	240 hrs prior
6	12/13/16 3/14/17	2/9/17 4/24/17		4.10 4.40	MDH MDH	168 hrs prior
6	4/11/17	4/17/17		4.94	MVTL	168 hrs prior
7	3/10/15	3/16/15		5.52	MVTL	352 hrs prior
7	5/19/15	5/26/15		5.75	MVTL	158 hrs prior
7	6/2/15	6/8/15		5.66	MVTL	96 hrs prior
7	7/7/15	7/20/15 8/17/15		5.14 4.77	MVTL MVTL	144 hrs prior 96 hrs prior
7 7	8/11/15 9/1/15	9/9/15		5.18	MVTL	144 hrs prior
7	10/6/15	10/14/15		5.41	MVTL	336 hrs prior
7	10/20/15	10/28/15		4.94	MVTL	144 hrs prior
7	11/10/15	11/16/15		5.24	MVTL	321 hrs prior
7	12/1/15	12/15/15		5.41 5.29	MVTL MVTL	352 hrs prior 192 hrs prior
7 7	2/2/16 3/1/16	2/8/16 3/8/16		5.45	MVTL	140 hrs prior
7	3/1/16	8/30/16		5.40	MDH	The me phot
7	6/14/16	6/20/16		4.81	MVTL	188 hrs prior
7	6/14/16	7/22/16		5.00	MDH	
7	9/20/16	9/28/16 10/24/16		4.79 4.50	MVTL MDH	216 hrs prior
7 7	9/20/16 10/4/16	10/24/16		4.89	MVTL	216 hrs prior
7	11/15/16	11/21/16		4.55	MVTL	168 hrs prior
7	12/13/16	12/19/16		4.55	MVTL	240 hrs prior
7	12/13/16	2/9/17 4/24/17		4.00	MDH MDH	168 hrs prior
7 7	3/14/17 4/11/17	4/24/17		4.50 4.74	MVTL	168 hrs prior
•	411111	3,1711				, , , , , , , , , , , , , , , , , , , ,
8	6/2/15	6/8/15		6.39	MVTL	192 hrs prior
8	7/14/15	7/20/15	<	0.05	MVTL	168 hrs prior
8	8/11/15	8/17/15		5.77	MVTL	120 hrs prior
8 8	9/1/15 10/6/15	9/9/15 10/14/15		6.24 6.55	MVTL MVTL	180 hrs prior 192 hrs prior
8	11/3/15	11/9/15		6.46	MVTL	140 hrs prior
8	11/3/15	4/29/16		6.50	MDH	
8	12/1/15	12/15/15		6.46	MVTL	312 hrs prior
8	1/5/16	1/13/16		6.00	MVTL	96 hrs prior
8 8	2/2/16 2/2/16	2/8/16 4/29/16		6.24	MVTL MDH	144 hrs prior
8	3/1/16	3/8/16		6.43	MVTL	96 hrs prior
8	3/1/16	8/30/16		6.70	MDH	
8	4/5/16	4/22/16		6.46	MVTL	336 hrs prior
8	5/3/16	5/9/16		6.30	MVTL MDH	124 hrs prior
8 8	5/3/16 6/7/16	11/10/16 6/14/16		6.44	MVTL	310 hrs prior
8	6/7/16	7/22/16		6.30	MDH	
8	7/5/16	7/12/16		6.40	MVTL	190 hrs prior
8	7/5/16	11/10/16		6.10	MDH	100 has asias
8 8	8/2/16 9/6/16	8/9/16 9/12/16		6.33 6.36	MVTL MVTL	192 hrs prior 140 hrs prior
8	9/6/16	2/9/17		6.40	MDH	pilol
8	10/4/16	10/12/16		6.48	MVTL	168 hrs prior
8	10/4/16	11/10/16		6.30	MDH	144 hr= =====
8 8	11/1/16 12/6/16	11/7/16 12/12/16		6.20 6.17	MVTL MVTL	144 hrs prior 216 hrs prior
8	12/20/16	12/12/16		5.95	MVTL	168 hrs prior
8	12/20/16	2/9/17		5.70	MDH	
8	1/3/17	1/16/17		6.59	MVTL	168 hrs prior
8	1/3/17	5/4/17 2/14/17		6.40 6.08	MDH MVTL	168 hrs prior
8 8	2/7/17 3/7/17	3/18/17		6.16	MVTL	168 hrs prior
8	3/7/17	4/24/17		6.20	MDH	
8	4/4/17	4/10/17		6.07	MVTL	216 hrs prior
8	5/2/17	5/10/17		6.22 5.71	MVTL MVTL	168 hrs prior 168 hrs prior
8	6/6/17	6/14/17		0.71	WVIL	100 ms pilol

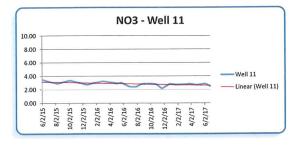


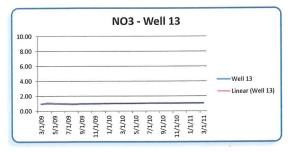




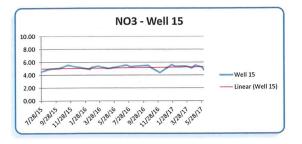
	Sample	Results				
Location	Collected	Received		Results	Lab	Run Time
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9	7/7/15	7/20/15		3.62	MVTL	192 hrs prior
9	8/18/15	8/24/15		3.54	MVTL	24 hrs prior
9	9/1/15	9/9/15		3.75	MVTL	161 hrs prior
9	10/13/15	10/19/15		3.57	MVTL	150 hrs prior
9	12/8/15	2/1/16		3.28	MVTL	144 hrs prior
9	1/5/16	1/13/16		3.54	MVTL	168 hrs prior
9	2/16/16	2/23/16		3.40	MVTL	312 hrs prior
9	3/15/16	3/21/16		3.48	MVTL	168 hrs prior
				3.48	MVTL	168 hrs prior
9	4/19/16	4/25/16				
9	5/17/16	5/25/16		3.58	MVTL	212 hrs prior
9	5/17/16	6/2/16		3.30	MDH	
9	6/21/16	6/28/16		3.51	MVTL	144 hrs prior
9	7/19/16	7/25/16		3.47	MVTL	168 hrs prior
9	8/16/16	8/22/16		3.49	MVTL	192 hrs prior
9	9/20/16	9/28/16		3.39	MVTL	240 hrs prior
9	10/18/16	10/24/16		3.27	MVTL	168 hrs prior
9	11/15/16	11/21/16		3.32	MVTL	168 hrs prior
9	12/20/16	12/27/16		2.81	MVTL	144 hrs prior
9	1/17/17	1/27/17		3.49	MVTL	168 hrs prior
9	2/21/17	3/3/17		3.46	MVTL	168 hrs prior
9	3/21/17	3/27/17		4.06	MVTL	168 hrs prior
9	4/18/17	4/24/17		3.09	MVTL	168 hrs prior
9		5/25/17		3.47	MVTL	168 hrs prior
	5/16/17			3.40	MDH	168 hrs prior
9	6/5/17	6/28/17		3.40		168 hrs prior
9	6/20/17	6/27/17		3.69	MVTL	100 HIS PHOI
					T01410	4501
10	4/17/12	4/20/12	<	1.00	TCWC	158 hrs prior
10	1/21/14	1/29/14	<	1.00	TCWC	144 hrs prior
10	3/25/14	4/1/14		3.61	MVTL	96 hrs prior
10	4/23/14	5/7/14	<	0.20	MVTL	24 hrs prior
10	4/23/14	6/16/14	<	0.05	MDH	•
10	6/16/15	6/26/15	<	0.05	MVTL	144 hrs prior
10	4/11/17	4/17/17	<	0.05	MVTL	
11	6/2/15	6/8/15		3.46	MVTL	100 hrs prior
11	7/21/15	7/29/15		3.05	MVTL	288 hrs prior
11	8/11/15	8/17/15		2.90	MVTL	144 hrs prior
11	9/8/15	9/15/15		3.17	MVTL	144 hrs prior
11	10/6/15	10/14/15		3.36	MVTL	300 hrs prior
	12/22/15	12/30/15		2.71	MVTL	168 hrs prior
11		1/25/16		2.92	MVTL	192 hrs prior
11	1/12/16 2/23/16			3.20	MVTL	132 hrs prior
11		2/29/16			MVTL	60 hrs prior
11	3/1/16	3/8/16		3.23		
11	4/26/16	5/2/16		2.99	MVTL	192 hrs prior
11	4/26/16	5/26/16		2.90	MDH	
11	5/24/16	6/2/16		3.02	MVTL	264 hrs prior
11	6/28/16	7/6/16		2.42	MVTL	216 hrs prior
11	7/26/16	8/1/16		2.40	MVTL	126 hrs prior
11	8/23/16	8/31/16		2.85	MVTL	168 hrs prior
11	9/27/16	10/3/16		2.89	MVTL	168 hrs prior
11	10/25/16	10/31/16		2.84	MVTL	192 hrs prior
11	11/22/16	12/1/16		2.15	MVTL	216 hrs prior
11	12/27/16	1/4/17		2.86	MVTL	168 hrs prior
11	1/24/17	2/7/17		2.72	MVTL	216 hrs prior
11	2/28/17	3/8/17		2.77	MVTL	168 hrs prior
11	3/28/17	4/3/17		2.87	MVTL	168 hrs prior
11	4/25/17	5/4/17		2.67	MVTL	216 hrs prior
11	5/23/17	5/30/17		2.83	MVTL	168 hrs prior
11	6/1/17	6/15/17		2.90	MDH	192 hrs prior
11	6/27/17	7/5/17		2.50	MVTL	168 hrs prior
11	0/2//1/	773/17		2.50	IVIVIL	100 ms phor
	46.000	40/00/40		2.04	TOMO	144 hrs ssice
12	12/17/13	12/23/13		3.01	TCWC	144 hrs prior
12	1/21/14	1/29/14		1.70	TCWC	168 hrs prior
12	2/4/14	2/10/14		2.21	TCWC	144 hrs prior
12	4/23/14	5/7/14		1.27	MVTL	192 hrs prior
12	4/23/14	6/16/14		1.30	MDH	*
12	8/12/14	8/20/14		2.10	MVTL	162 hrs prior
12	9/23/14	10/2/14		2.28	MVTL	132 hrs prior
12	10/13/15	10/19/15		2.35	MVTL	126 hrs prior
12	4/11/17	4/17/17		0.92	MVTL	
		00 000 00				
13	3/12/09	3/26/09		0.96	MVTL	46 hrs prior
13	4/14/09	4/27/09		1.10	MVTL	60 hrs prior
13	8/4/09	8/12/09		0.90	MVTL	1013 hrs prior
13	9/24/09	10/5/09		0.98	MVTL	51 hrs prior
		7/27/10		1.07	MVTL	42 hrs prior
13	7/14/10					
13	3/11/11	3/16/11		1.08	MVTL	100 hrs prior
13	4/11/17	4/17/17		1.19	MVTL	

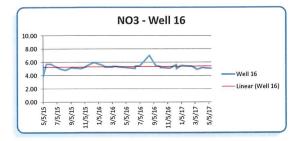




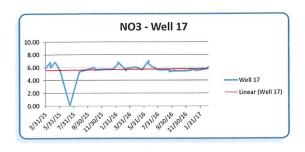


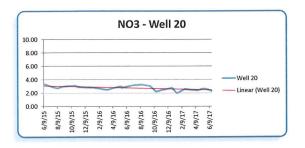
Location	Sample Collected	Results Received		Results	Lab	Run Time
14	3/11/11	3/16/11	<	0.20	MVTL	90 hrs prior
14	2/12/13	2/19/13		Absent	TCWC	126 hrs prior
14	1/21/14	1/29/14	<	1.00	TCWC	168 hrs prior
14	4/23/14	5/7/14	<	0.20	MVTL	24 hrs prior
14	4/23/14	6/16/14	<	0.05	MDH	*
14	4/11/17	4/17/17	<	0.05	MVTL	
15	7/28/15	8/3/15		4.49	MVTL	96 hrs prior
15	8/4/15	8/10/15		4.58	MVTL	144 hrs prior
15	9/1/15	9/9/15		4.91	MVTL	200 hrs prior
15	10/13/15	10/19/15		5.05	MVTL	132 hrs prior
15	11/17/15	11/23/15		5.50	MVTL	336 hrs prior
15	1/5/16	1/13/16		5.15	MVTL	312 hrs prior
15	12/8/15 2/16/16	2/1/16 2/23/16		5.33 4.86	MVTL MVTL	168 hrs prior 144 hrs prior
15 15	2/16/16	2/23/16		5.16	MVTL	172 hrs prior
15	3/22/16	3/28/16		5.36	MVTL	72 hrs prior
15	4/5/16	4/22/16		5.20	MVTL	144 hrs prior
15	5/3/16	5/9/16		5.00	MVTL	288 hrs prior
15	5/3/16	5/26/16		5.00	MDH	***************************************
15	7/19/16	7/25/16		5.52	MVTL	144 hrs prior
15	8/2/16	8/9/16		5.29	MVTL	120 hrs prior
15	9/27/16	10/3/16		5.41	MVTL	216 hrs prior
15	10/18/16	10/24/16		5.48	MVTL	216 hrs prior
15	11/1/16	11/7/16		5.08	MVTL	192 hrs prior
15	12/6/16	12/12/16		4.38	MVTL MVTL	168 hrs prior
15	1/24/17	2/7/17		5.58 5.34	MVTL	168 hrs prior 168 hrs prior
15 15	2/7/17 3/28/17	2/14/17 4/3/17		5.35	MVTL	168 hrs prior
15	4/18/17	4/24/17		5.08	MVTL	168 hrs prior
15	5/2/17	5/10/17		5.50	MVTL	144 hrs prior
15	6/1/17	6/15/17		5.20	MDH	168 hrs prior
15	6/6/17	6/14/17		4.80	MVTL	168 hrs prior
16	5/5/15	5/18/15		5.61	MVTL MVTL	144 hrs prior 144 hrs prior
16	5/5/15 5/19/15	5/18/15 5/26/15		3.86 5.70	MVTL	168 hrs prior
16 16	6/9/15	6/16/15		5.68	MVTL	120 hrs prior
16	7/21/15	7/29/15		4.98	MVTL	312 hrs prior
16	8/11/15	8/17/15		4.80	MVTL	144 hrs prior
16	9/8/15	9/15/15		5.17	MVTL	120 hrs prior
16	10/20/15	10/28/15		5.04	MVTL	48 hrs prior
16	11/10/15	11/16/15		5.33	MVTL	172 hrs prior
16	11/10/15	4/29/16		5.40	MDH	444.5
16	12/15/15	12/21/15 2/1/16		5.92 5.48	MVTL MVTL	144 hrs prior 120 hrs prior
16 16	1/26/16 2/2/16	2/8/16		5.29	MVTL	312 hrs prior
16	2/2/16	4/29/16		5.30	MDH	OTZ IIIO PITOI
16	3/8/16	3/14/16		5.30	MVTL	168 hrs prior
16	3/8/16	8/30/16		5.40	MDH	
16	6/14/16	6/20/16		5.05	MVTL	360 hrs prior
16	6/14/16	7/22/16		5.40	MDH	
16	7/5/16	7/12/16		5.45	MVTL	312 hrs prior
16	8/16/16	8/22/16		7.01	MVTL MVTL	120 hrs prior
16 16	9/13/16 9/13/16	9/28/16 10/24/16		5.50 5.50	MDH	168 hrs prior
16	10/4/16	10/24/16		5.35	MVTL	168 hrs prior
16	10/4/16	11/10/16		5.20	MDH	. 50 1110 p1101
16	11/15/16	11/21/16		5.10	MVTL	144 hrs prior
16	12/13/16	12/19/16		5.63	MVTL	312 hrs prior
16	12/13/16	2/9/17		5.00	MDH	
16	1/3/17	1/16/17		5.49	MVTL	168 hrs prior
16	2/21/17	3/3/17		5.39	MVTL	168 hrs prior
16	3/14/17	4/24/17		4.90	MDH	168 hrs prior
16	4/4/17	4/10/17		5.17	MVTL	168 hrs prior
16	5/16/17	5/25/17		5.07	MVTL	168 hrs prior

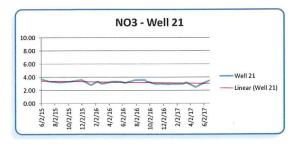




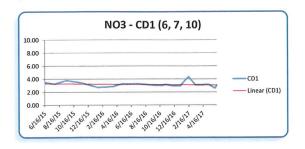
Location	Sample Collected	Results Received		Results	Lab	Run Time
17	3/31/15	4/13/15		5.84	MVTL	168 hrs prior
17	4/23/15	7/8/15		6.00	MDH	211 hrs prior
17	4/21/15	4/27/15 5/18/15		6.82 6.85	MVTL MVTL	168 hrs prior 312 hrs prior
17 17	5/12/15 6/2/15	6/8/15		5.57	MVTL	24 hrs prior
17	7/14/15	7/20/15	<	0.05	MVTL	144 hrs prior
17	8/25/15	9/1/15		5.31	MVTL	192 hrs prior
17	9/15/15	9/22/15		5.52	MVTL	312 hrs prior
17	10/27/15 11/3/15	11/5/15 11/9/15		5.95 5.66	MVTL MVTL	168 hrs prior 144 hrs prior
17 17	11/3/15	4/29/16		5.60	MDH	144 III3 piloi
17	12/1/15	12/15/15		5.67	MVTL	168 hrs prior
17	1/19/16	1/26/16		5.73	MVTL	144 hrs prior
17	2/9/16	2/16/16		6.51	MVTL MDH	180 hrs prior
17 17	2/9/16 3/15/16	4/29/16 3/21/16		6.80 5.52	MVTL	288 hrs prior
17	3/15/16	8/30/16		5.80	MDH	200 mg pm.
17	4/26/16	5/2/16		6.02	MVTL	172 hrs prior
17	5/24/16	6/2/16		5.63	MVTL MVTL	144 hrs prior
17 17	6/21/16 6/21/16	6/20/16 8/30/16		7.04 6.50	MDH	312 hrs prior
17	7/12/16	7/18/16		5.98	MVTL	216 hrs prior
17	7/12/16	11/10/16		6.00	MDH	
17	8/2/16	8/9/16		5.62	MVTL	120 hrs prior
17	9/20/16	9/28/16		5.64 5.30	MVTL MDH	216 hrs prior
17 17	9/20/16 10/11/16	10/24/16 10/17/16		5.54	MVTL	144 hrs prior
17	10/11/16	11/10/16		5.40	MDH	· · · · · · · · · · · · · · · · · · ·
17	11/22/16	12/1/16		5.44	MVTL	192 hrs prior
17	12/20/16	12/27/16		5.53	MVTL	192 hrs prior
17 17	12/20/16 1/10/17	2/9/17 1/20/17		5.70 5.61	MDH MVTL	168 hrs prior
17	1/10/17	5/4/17		5.50	MDH	100 ms phoi
17	2/28/17	3/8/17		5.75	MVTL	168 hrs prior
17	3/7/17	3/18/17		6.05	MVTL	168 hrs prior
17	3/7/17	4/24/17		5.90	MDH	
20	6/9/15	6/16/15		3.36	MVTL	162 hrs prior
20	7/28/15	8/3/15		2.82	MVTL	120 hrs prior
20	8/11/15	8/17/15		2.71	MVTL	211 hrs prior
20	9/1/15	9/9/15		2.99	MVTL	180 hrs prior
20 20	10/27/15 11/10/15	11/5/15 11/16/15		3.11 2.90	MVTL MVTL	120 hrs prior 288 hrs prior
20	12/8/15	2/1/16		2.83	MVTL	120 hrs prior
20	1/19/16	1/26/16		2.78	MVTL	165 hrs prior
20	3/15/16	3/21/16		2.48	MVTL	162 hrs prior
20 20	4/19/16	4/25/16 5/25/16		2.81 3.02	MVTL MVTL	216 hrs prior 120 hrs prior
20	5/17/16 5/17/16	6/2/16		2.80	MDH	120 III3 piloi
20	6/21/16	6/28/16		3.03	MVTL	768 hrs prior
20	7/19/16	7/25/16		3.19	MVTL	144 hrs prior
20	8/16/16	8/22/16		3.23 3.05	MVTL MVTL	159 hrs prior 216 hrs prior
20 20	9/20/16 10/18/16	9/28/16 10/24/16		2.20	MVTL	144 hrs prior
20	11/15/16	11/21/16		2.49	MVTL	192 hrs prior
20	12/27/16	1/4/17		2.79	MVTL	168 hrs prior
20	1/17/17	1/27/17		1.97	MVTL	168 hrs prior
20 20	2/21/17 3/21/17	3/3/17 3/27/17		2.60 2.47	MVTL MVTL	168 hrs prior 168 hrs prior
20	4/18/17	4/24/17		2.40	MVTL	168 hrs prior
20	5/16/17	5/25/17		2.68	MVTL	168 hrs prior
20 20	6/5/17 6/20/17	6/28/17 6/27/17		2.50 2.30	MDH MVTL	144 hrs prior 168 hrs prior
21	6/2/15	6/8/15		3.68	MVTL	168 hrs prior
21	7/7/15	7/20/15		3.36 3.18	MVTL MVTL	172 hrs prior 312 hrs prior
21 21	8/25/15 10/20/15	9/1/15 10/28/15		3.18	MVTL	168 hrs prior
21	12/1/15	12/15/15		3.57	MVTL	165 hrs prior
21	1/12/16	1/25/16		2.77	MVTL	368 hrs prior
21	2/9/16	2/16/16		3.31	MVTL	144 hrs prior
21 21	3/1/16 4/26/16	3/8/16 5/2/16		2.98 3.35	MVTL MVTL	160 hrs prior 165 hrs prior
21	4/26/16	5/26/16		3.30	MDH	
21	5/21/16	6/2/16		3.29	MVTL	312 hrs prior
21	6/14/16	6/20/16		3.12	MVTL	144 hrs prior
21 21	7/26/16 8/23/16	8/1/16 8/31/16		3.52 3.57	MVTL MVTL	211 hrs prior 162 hrs prior
21	9/13/16	9/28/16		3.54	MVTL	216 hrs prior
21	9/13/16	10/24/16		3.40	MDH	
21	10/26/16	11/7/16		2.97	MVTL	120 hrs prior
21	11/22/16 12/20/16	12/1/16 12/27/16		2.98 2.94	MVTL MVTL	120 hrs prior 144 hrs prior
21 21	12/20/16	2/9/17		2.94	MDH	itt ins pilol
21	1/24/17	2/7/17		2.97	MVTL	168 hrs prior
21	2/28/17	3/8/17		2.98	MVTL	168 hrs prior
21	3/14/17	4/24/17		3.20	MDH	168 hrs prior
21 21	4/25/17 6/6/17	5/4/17 6/28/17		2.48 3.20	MVTL MDH	168 hrs prior 144 hrs prior
21	6/27/17	7/5/17		3.48	MVTL	168 hrs prior



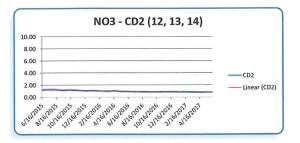




	Sample	Results			D Ti
Location	Collected	Received	Results	Lab	Run Time
		Combined Die	charge - Wells	6-7-10	
CD 1	6/16/15	6/26/15	3.45	MVTL	212 hrs prior
CD 1	7/28/15	8/3/15	3.21	MVTL	24 hrs prior
CD 1	8/4/15	8/10/15	3.30	MVTL	368 hrs prior
CD 1	9/15/15	9/22/15	3.76	MVTL	168 hrs prior
CD 1	11/17/15	11/23/15	3.39	MVTL	160 hrs prior
CD 1	1/26/16	2/1/16	2.71	MVTL	168 hrs prior
CD 1	3/31/16	4/22/16	2.83	MVTL	211 hrs prior
CD 1	4/12/16	4/19/16	3.01	MVTL	180 hrs prior
CD 1	5/10/16	5/16/16	3.25	MVTL	120 hrs prior
CD 1	5/10/16	6/2/16	3.20	MDH	120 III3 piloi
CD 1	6/21/16	6/28/16	3.23	MVTL	162 hrs prior
CD 1	7/12/16	7/18/16	3.26	MVTL	212 hrs prior
CD 1	8/9/16	8/22/16	3.17	MVTL	165 hrs prior
CD 1	9/13/16	9/28/16	3.07	MVTL	168 hrs prior
CD 1	10/25/16	10/31/16	3.01	MVTL	144 hrs prior
CD 1	11/8/16	11/17/16	3.14	MVTL	368 hrs prior
CD 1	12/13/16	12/18/16	2.95	MVTL	168 hrs prior
CD 1	1/10/17	1/20/17	2.96	MVTL	168 hrs prior
CD 1	2/14/17	3/6/17	4.35	MVTL	168 hrs prior
CD 1	3/14/17	3/23/17	3.11	MVTL	168 hrs prior
CD 1	4/11/17	4/17/17	3.11	MVTL	120 hrs prior
CD 1	5/9/17	5/25/17	3.19	MVTL	212 hrs prior
CD 1	6/5/17	6/28/17	2.60	MDH	168 hrs prior
CD 1	6/13/17	6/20/17	3.03	MVTL	168 hrs prior
CDT	0/13/17	0/20/17	3.03	WIVIL	100 IIIS piloi
		Combined Di	scharge - Wells	12-13-14	4
CD 2	6/16/2015	6/26/2015	1.26	MVTL	126 hrs prior
CD 2	8/4/2015	8/10/2015	1.35	MVTL	168 hrs prior
CD 2	9/15/2015	9/22/2015	1.15	MVTL	144 hrs prior
CD 2	10/6/2015	10/14/2015	1.25	MVTL	208 hrs prior
CD 2	12/22/2015	12/30/2015	1.03	MVTL	168 hrs prior
CD 2	1/5/2016	1/13/2016	1.08	MVTL	192 hrs prior
CD 2	2/23/2016	2/29/2016	1.03	MVTL	208 hrs prior
100000000					







Monthly Water Dashboard **Shakopee Public Utilities Commission** As of: June 2017 ALL VALUES IN MILLIONS OF GALLONS Water Pumped/Metered Element/Measure **Averages** 2014 140 149 256 Last 6 months actuals 92 82 92 96 2015 138 2016 145 2017 2016 700 2000 1500 600 Volume of Water Produced (millions of gallons) 1000 500 500 Jan Mar May Jul Sept Nov 400 300 200 100 0 Oct Nov Dec Mar May Jul Aug Sep Feb Mar Jul Aug Oct Nov TY Jan Feb Jan Plan Avg LY Jan Sep Oct Nov Nov Dec TY Jan Feb Mar Apr May Jun Jul Aug May Jun Jul Aug Sept Oct Feb Mar Apr 283 224 143 92 82 92 96 149 256 89 94 102 180 241 107 90 91 94 Actual 161 117 88 92 Plan 255 260 212 128 89 93 91 85 93 95 161 213 257 250 82 96 142 179 93 99% 97% 101% 99% 99% 104% YTD % * 90 150 82 79 169 256 245 207 122 88 92 76 84 76 Billed 76 81 117

^{*} Actual gallons pumped vs. Plan

SHAKOPEE PUBLIC UTILITIES MEMORANDUM

TO:

SHAKOPEE PUBLIC UTILITIES COMMISSSION

FROM:

JOHN R. CROOKS, UTILITIES MANAGER

SUBJECT:

JUNE 2017 MMPA BOARD MEETING SUMMARY

DATE:

JULY 13, 2017

The Board of Directors of the Minnesota Municipal Power Agency (MMPA) met on June 27, 2017 at the offices of Shakopee Public Utilities in Shakopee, Minnesota.

The Board discussed the rollout of Clean Energy Choice for Business, which is scheduled for next month.

The Board discussed the status of the renewable projects that the Agency is pursuing.

The success of MMPA'S 2017 Energy Education program was discussed. Fourth graders from all twelve MMPA member communities participated in either the FEP tour event or local education assemblies.

The Board also discussed the grand opening for Shakopee Energy Park on Thursday, July 27, 2017, beginning at 4pm.

SHAKOPEE PUBLIC UTILITIES MEMORANDUM

TO:

SHAKOPEE PUBLIC UTILITIES COMMISSSION

FROM:

JOHN R. CROOKS, UTILITIES MANAGER

SUBJECT:

SMART GRID BUSINESS CASE AND TECHNOLOGY

ROADMAP FOR SHAKOPEE PUBLIC UTILITIES

DATE:

JULY 13, 2017

The Smart Grid Business Case identifies costs, benefits and an implementation roadmap for the Electric, Water, Finance, Customer Service and Engineering Departments. SPUC staff, over a series of 2 months in 2011, provided information in preparing the detailed Smart Grid Business Case analysis. WMP had qualified experience in the Smart Grid sector, working with solutions and analysis for utilities beginning the transformation to the Smart Grid.

An overview of the Report will be provided and general discussion will take place to determine the next steps in the development of enabling technologies.

Reminder: Please bring the report provided on July 17 for reference.

July 12, 2017

TO:

John Crooks

CC:

Joe Adams (Sherri Anderson Greg Drent Lon Schemel Sharon Walsh

FROM:

Renee Schmid, Director of Finance and Administration

SUBJECT:

Financial Results for June, 2017

The following Financial Statements are attached for your review and approval.

Month to Date and Year to Date Financial Results - June, 2017

- Combined Statement of Revenue & Expense and Net Assets Electric, Water and Total Utility
- Electric Operating Revenue & Expense Detail
- Water Operating Revenue & Expense Detail

Key items to note:

Month to Date Results – June, 2017

- Total Utility Operating Revenues for the month of June totaled \$4.0 million and were unfavorable to budget by \$441k or 10.0%. Electric revenues were unfavorable to budget by \$400k or 10.2% driven by lower than plan energy sales in all revenue groups and lower than plan power cost adjustment revenue in all groups due to lower than plan purchased power costs. Water revenues were also unfavorable to budget by \$41k or 8.1% driven by lower than plan sales volumes in the commercial and industrial revenue groups.
- Total operating expenses were \$4.3 million and were favorable to budget by \$302k or 6.5%. Total purchased power costs in June were \$3.4 million and were \$95k or 2.7% lower than plan for the month. Total Operating Expense for electric including purchased power was favorable to budget by \$276k or 6.5% primarily due to lower than plan purchased power costs and timing of expenditures in energy conservation expense, administrative and general expense, and depreciation. Total Operating Expense for Water was also favorable to budget by \$27k or 7.1% due timing of expenditures in administrative and general expense and depreciation, which were partially offset by higher than plan operation and maintenance expense due to well and pump house inspection costs.



- Total Utility Operating Income was a loss of \$338k and was \$139k unfavorable to budget primarily due to lower than plan operating revenue that was partially offset by lower than plan operating expense.
- Total Utility Non-Operating Revenue was \$12k and was unfavorable to budget by \$6k due to lower than plan investment income and rental and miscellaneous income.
- Capital Contributions for the month of June were \$93k and were unfavorable to budget by \$56k due to lower than plan collection of trunk water and water connection fees in the month of June.
- Municipal contributions to the City of Shakopee totaled \$190k and were lower than plan by \$10k.
- Change in Net Position was a loss of \$0.4 million and was unfavorable to budget by \$0.2 million due to lower than plan operating revenues and lower than plan capital contributions which were partially offset by lower than plan operating expenses.
- Electric usage billed to customers in June was 32,399,655 KWH, an increase from May usage billed at 29,461,599 KWH.
- Water usage billed to customers in June was 150.3 million gallons, an increase from May usage billed at 89.7 million gallons.

Year to Date Financial Results – June, 2017

- Total Utility Operating Revenue year to date June was \$22.3 million and was slightly unfavorable to budget by \$115k or 0.5%. Electric revenues were slightly unfavorable to budget by \$32k or 0.2% driven by lower than plan power cost adjustment revenue due to lower than plan purchased power costs. Water revenues were unfavorable to budget by \$83k or 4.4% driven by lower than plan sales volumes in the residential and commercial revenue groups.
- Total Utility Operating Expenses year to date June were \$20.7 million and were favorable to budget by \$2.0 million or 9.2% primarily due to lower than plan purchased power costs of \$0.8 million, timing of expenditures in energy conservation of \$0.5 million, administrative and general expense of \$0.4 million in outside services and employee benefit expenses, electric and water operation and maintenance expense of \$0.1 million, and depreciation expense of \$0.2 million. Total Operating Expense for electric including purchased power was \$18.7 million and was favorable to budget by \$1.8 million or 8.9%. Total Operating Expense for Water was \$2.0 million and was also favorable to budget by \$0.3 million or 11.1%.
- Total Utility Operating Income was \$1.6 million and was favorable to budget by \$2.0 million driven by lower than plan operating expenses of \$2.1 million and offset by lower than planned operating revenues \$0.1 million.
- Total Utility Non-Operating Income was \$295k and was favorable to budget by \$44k due to higher than planned investment income of \$45k.
- YTD Capital Contributions were \$1.9 million and are favorable to budget by \$1.0 million due to higher than plan collection of water connection fees of \$0.9 million and higher than planned capital contributions of \$0.1 million.
- Municipal contributions to the City of Shakopee totaled \$1.1 million year to date and is lower than plan by \$62k or 5.2%. The actual estimated payment throughout the year is based on prior year results and will be trued up at the end of the year.
- YTD Change in Net Position is \$2.6 million and is favorable to budget by \$3.0 million reflecting lower than operating expense of \$2.0 million and higher than plan capital contributions of \$1.0 million.

SHAKOPEE PUBLIC UTILITIES MONTH TO DATE FINANCIAL RESULTS JUNE 2017



SHAKOPEE PUBLIC UTILITIES COMBINED STATEMENT OF REVENUES, EXPENSES AND CHANGES IN FUND NET POSITION

	Month to Da	te Actual - June	2017	Month to Da	Month to Date Budget - June 2017		Electric			Water		Total Utility	
			Total			Total		MTD Actual v. Bu	idget B/(W)	MTD Actual v. Bu	udget B/(W)	MTD Actual v. Bu	udget B/(W)
	Electric	Water	Utility	Electric	Water	Utility		\$	%	\$	%	\$	%
OPERATING REVENUES	\$ 3,525,377	466,733	3,992,110	3,925,404	508,109	4,433,513		(400,027)	-10.2%	(41,376)	-8.1%	(441,404)	-10.0%
OPERATING EXPENSES						-							
Operation, Customer and Administrative	3,807,178	237,748	4,044,926	4,066,922	252,376	4,319,298		259,744	6.4%	14,627	5.8%	274,371	6.4%
Depreciation	173,238	112,404	285,642	189,194	124,473	313,667		15,956	8.4%	12,069	9.7%	28,025	8.9%
Amortization of Plant Acquisition	 	-	-		-				0.0%	-	-		0.0%
Total Operating Expenses	3,980,416	350,152	4,330,568	4,256,116	376,848	4,632,964		275,700	6.5%	26,696	7.1%	302,396	6.5%
Operating Income	(455,039)	116,580	(338,459)	(330,711)	131,260	(199,451)		(124,328)	-37.6%	(14,680)	-11.2%	(139,008)	-69.7%
NON-OPERATING REVENUE (EXPENSE)													
Rental and Miscellaneous	21,413	1,118	22,531	22,173	2,068	24,241		(760)	-3.4%	(950)	-45.9%	(1,710)	-7.1%
Interdepartment Rent from Water	7,500	-	7,500	7,500	-	7,500		-	0.0%	-	-	-	0.0%
Investment Income	8,141	3,804	11,945	12,951	3,002	15,954		(4,810)	-37.1%	802	26.7%	(4,008)	-25.1%
Interest Expense	(28,838)	(23)	(28,862)	(28,769)	(19)	(28,788)		(69)	-0.2%	(4)	-22.3%	(74)	-0.3%
Amortization of Debt Issuance Costs and Loss on Refunding	(1,484)	-	(1,484)	(1,484)	-	(1,484)		-	0.0%	-	-	-	0.0%
Gain/(Loss) on the Disposition of Property	 14	-	-		-			-			-		0.0%
Total Non-Operating Revenue (Expense)	 6,732	4,899	11,631	12,372	5,051	17,423		(5,640)	-45.6%	(152)	-3.0%	(5,792)	-33.2%
Income Before Contributions and Transfers	(448,307)	121,479	(326,828)	(318,339)	136,311	(182,028)		(129,968)	-40.8%	(14,832)	-10.9%	(144,800)	79.5%
		00.404	00.404		440.005	440.005				(55.004)		VET 00.11	
CAPITAL CONTRIBUTIONS	(446 000)	93,404	93,404	(404 200)	149,395	149,395		- E 47E	4.004	(55,991)	-37.5%	(55,991)	-37.5%
MUNICIPAL CONTRIBUTION	 (116,223)	(74,000)	(190,223)	(121,398)	(79,192)	(200,590)		5,175	4.3%	5,192	6.6%	10,368	5.2%
CHANGE IN NET POSITION	\$ (564,530)	140,883	(423,646)	(439,737)	206,514	(233,223)		(124,793)	-28.4%	(65,631)	-31.8%	(190,423)	-81.6%

SHAKOPEE PUBLIC UTILITIES ELECTRIC OPERATING REVENUE AND EXPENSE

		MTD Actual	MTD Budget		MTD Actual v Better/(W	-
ODED ATIMO DEVENUES		June 2017	June 2017	-	\$	70
OPERATING REVENUES						
Sales of Electricity Residential	\$	1,165,053	1,283,942		(118,889)	-9.3%
Commercial and Industrial	Ψ	2,281,383	2,548,443		(267,061)	-10.5%
Uncollectible accounts		2,201,000			-	-
Total Sales of Electricity	-	3,446,436	3,832,385	-	(385,949)	-10.1%
Forfeited Discounts		13,452	21,016		(7,564)	-36.0%
Free service to the City of Shakopee		14,223	14,223) O	0.0%
Conservation program		51,266	57,780		(6,515)	-11.3%
Total Operating Revenues	-	3,525,377	3,925,404	-	(400,027)	-10.2%
Total operating November				-		
OPERATING EXPENSES						
Operations and Maintenance						
Purchased power		3,425,764	3,521,339		95,575	2.7%
Distribution operation expenses		31,652	39,436		7,784	19.7%
Distribution system maintenance		48,828	55,428		6,601	11.9%
Maintenance of general plant		15,576	35,652	-	20,076	56.3%
Total Operation and Maintenance		3,521,819	3,651,855	-	130,036	3.6%
Overlander Accessible						
Customer Accounts		8,512	9,810		1,298	13.2%
Meter Reading Customer records and collection		53,030	44,751		(8,279)	-18.5%
Energy conservation		29,160	58,828		29,668	50.4%
Total Customer Accounts		90,702	113,389	-	22,687	20.0%
Total Gustomer Accounts	-	30,702	110,000	-	22,001	
Administrative and General						
Administrative and general salaries		50,626	49,969		(656)	-1.3%
Office supplies and expense		4,622	15,471		10,849	70.1%
Outside services employed		3,750	40,959		37,209	90.8%
Insurance		8,938	15,727		6,789	43.2%
Employee Benefits		113,804	143,488		29,684	20.7%
Miscellaneous general		12,917	36,063		23,146	64.2%
Total Administrative and General		194,657	301,678		107,021	35.5%
Total Operation, Customer, & Admin Expenses		3,807,178	4,066,922		259,744	6.4%
Depreciation		173,238	189,194		15,956	8.4%
Amortization of plant acquisition			-	_	-	0.0%
Total Operating Expenses	\$	3,980,416	4,256,116		275,700	6.5%
	3		,		(10.1.555)	67.607
OPERATING INCOME	\$	(455,039)	(330,711)	:	(124,328)	-37.6%

SHAKOPEE PUBLIC UTILITIES WATER OPERATING REVENUE AND EXPENSE

		MTD Actual June 2017	MTD Budget June 2017	MTD Actua Better/(\ \$	•
OPERATING REVENUES					
Sales of Water	\$	465,583	506,378	(40,794)	-8.1%
Forfeited Discounts		1,149	1,731	(582)	-33.6%
Uncollectible accounts		-			
Total Operating Revenues		466,733	508,109	(41,376)	-8.1%
OPERATING EXPENSES					
Operations and Maintenance					
Pumping and distribution operation		35,276	39,294	4,019	10.2%
Pumping and distribution maintenance		68,000	33,731	(34,269)	-101.6%
Power for pumping		23,734	23,252	(481)	-2.1%
Maintenance of general plant		222	2,342	2,120	90.5%
Total Operation and Maintenance		127,232	98,620	(28,611)	-29.0%
Customer Accounts					
Meter Reading		4,431	7,592	3,160	41.6%
Customer records and collection		14,400	11,996	(2,403)	-20.0%
Energy conservation		1,004	2,000	996	
Total Customer Accounts	-	19,835	21,588	1,753	8.1%
Administrative and General					
Administrative and general salaries		31,108	31,460	352	1.1%
Office supplies and expense		1,814	5,926	4,113	69.4%
Outside services employed		1,642	17,377	15,735	90.5%
Insurance		2,979	5,242	2,263	43.2%
Employee Benefits		42,295	52,190	9,896	19.0%
Miscellaneous general		10,844	19,971	9,127	45.7%
Total Administrative and General		90,682	132,167	41,486	31.4%
Total Operation, Customer, & Admin Expenses		237,748	252,376	14,627	5.8%
Depreciation		112,404	124,473	12,069	9.7%
Amortization of plant acquisition		250 452	276 040		7 10/
Total Operating Expenses	-	350,152	376,848	26,696	7.1%
OPERATING INCOME	\$	116,580	131,260	(14,680)	-11.2%

SHAKOPEE PUBLIC UTILITIES YEAR TO DATE FINANCIAL RESULTS JUNE 2017



SHAKOPEE PUBLIC UTILITIES COMBINED STATEMENT OF REVENUES, EXPENSES AND CHANGES IN FUND NET POSITION

	Year to Da	te Actual - June	2017		Year to Da	te Budget - Jur	ne 2017	Electric		Water		Total Utility	
			Total				Total	YTD Actual v. B	udget B/(W)	YTD Actual v. Br	udget B/(W)	YTD Actual v. B	udget B/(W)
	Electric	Water	Utility		Electric	Water	Utility	\$	%	\$	%	\$	%
OPERATING REVENUES	\$ 20,508,935	1,795,535	22,304,470	_	20,540,976	1,878,549	22,419,525	(32,041)	-0.2%	(83,014)	-4.4%	(115,055)	-0.5%
OPERATING EXPENSES Operation, Customer and Administrative	17,626,004	1.366.845	18.992.849		19,364,968	1,548,253	20,913,221	1,738,964	9.0%	181,408	11.7%	1,920,372	9.2%
Depreciation	1,039,426	674,426	1,713,852		1,135,163	746,837	1,882,000	95,737	8.4%	72,412	9.7%	168,148	8.9%
Amortization of Plant Acquisition	 -			_					0.0%	-			0.0%
Total Operating Expenses	 18,665,430	2,041,271	20,706,701	_	20,500,131	2,295,090	22,795,221	1,834,701	8.9%	253,820	11.1%	2,088,520	9.2%
		SAME WINDOWS STORY							*		93001113414004		
Operating Income	 1,843,505	(245,736)	1,597,769	_	40,845	(416,542)	(375,697)	1,802,660	4413.4%	170,806	41.0%	1,973,466	525.3%
NON-OPERATING REVENUE (EXPENSE)													
Rental and Miscellaneous	121,127	168,727	289,853		133,039	160,977	294,016	(11,912)	-9.0%	7,750	4.8%	(4,163)	-1.4%
Interdepartment Rent from Water	45,000	-	45,000		45,000	Section and section	45,000		0.0%	, -	-	-	0.0%
Investment Income	108,420	32,801	141,221		77,708	18,013	95,721	30,712	39.5%	14,788	82.1%	45,499	47.5%
Interest Expense	(174,658)	(139)	(174,797)		(174,119)	(114)	(174,233)	(539)	-0.3%	(24)	-21.3%	(564)	-0.3%
Amortization of Debt Issuance Costs and Loss on Refunding	(8,901)	-	(8,901)		(8,901)	*	(8,901)	(000)	0.0%	-	0.0%	-	0.0%
Gain/(Loss) on the Disposition of Property	 (306)	3,362	3,056	_	70 707	470.075	-	(306)	0.0%	3,362	44.504	3,056	
Total Non-Operating Revenue (Expense)	 90,681	204,750	295,432	_	72,727	178,875	251,603	17,954	24.7%	25,875	14.5%	43,829	17.4%
Income Before Contributions and Transfers	1,934,186	(40,986)	1,893,201		113,572	(237,667)	(124,094)	1,820,614	1603.0%	196,681	82.8%	2,017,295	1625.6%
CAPITAL CONTRIBUTIONS MUNICIPAL CONTRIBUTION	 94,254 (696,628)	1,771,648 (444,503)	1,865,902 (1,141,131)	_	(728,388)	896,371 (475,154)	896,371 (1,203,542)	94,254 31,760	4.4%	875,277 30,652	97.6% 6.5%	969,530 62,412	108.2% 5.2%
CHANGE IN NET POSITION	\$ 1,331,812	1,286,159	2,617,971	_	(614,816)	183,550	(431,265)	1,946,627	316.6%	1,102,609	600.7%	3,049,237	707.0%

SHAKOPEE PUBLIC UTILITIES ELECTRIC OPERATING REVENUE AND EXPENSE

		YTD Actual	YTD Budget		YTD Actual v Better/(W	orse)
ODEDATING DEVENUES		June 2017	June 2017		\$	%
OPERATING REVENUES						
Sales of Electricity Residential	\$	7,042,383	7,128,367		(05.004)	-1.2%
Commercial and Industrial	Ф	12,957,605	12,889,702		(85,984) 67,903	0.5%
Uncollectible accounts		12,957,605	12,009,702		67,903	0.5%
Total Sales of Electricity		19,999,987	20,018,068		(18,081)	-0.1%
Forfeited Discounts		125,635	126,096		(461)	-0.1%
Free service to the City of Shakopee		85,337	85,336		0	0.0%
Conservation program		297,976	311,475		(13,499)	-4.3%
Total Operating Revenues	-	20,508,935	20,540,976		(32,041)	-0.2%
Total Operating Nevertues		20,000,000	20,040,070		(32,041)	-0.270
OPERATING EXPENSES						
Operations and Maintenance						
Purchased power		15,206,787	15,989,470		782,683	4.9%
Distribution operation expenses		209,816	236,616 、		26,800	11.3%
Distribution system maintenance		378,291	332,569		(45,722)	-13.7%
Maintenance of general plant	0	117,339	213,911		96,572	45.1%
Total Operation and Maintenance		15,912,232	16,772,566		860,333	5.1%
Customer Accounts						
Meter Reading		50,736	58,858		8,122	13.8%
Customer records and collection		268,477	268,508		31	0.0%
Energy conservation		(195,103)	352,969		548,071	155.3%
Total Customer Accounts		124,110	680,335		556,225	81.8%
A lock to the first and Opposed						
Administrative and General Administrative and general salaries		283,043	299,816		16,773	5.6%
Office supplies and expense		75,173	92,825		17,652	19.0%
Outside services employed		71,526	245,757		174,230	70.9%
Insurance		94,651	94,362		(289)	-0.3%
Employee Benefits		865,127	962,931		97,804	10.2%
Miscellaneous general		200,141	216,376		16,236	7.5%
Total Administrative and General	-	1,589,662	1,912,068		322,406	16.9%
Total Operation, Customer, & Admin Expenses	-	17,626,004	19,364,968		1,738,964	9.0%
Depreciation		1,039,426	1,135,163		95,737	8.4%
Amortization of plant acquisition		1,000,420	-		-	0.0%
Total Operating Expenses	\$	18,665,430	20,500,131	1	1,834,701	8.9%
Total Operating Expenses	Ψ	10,000,400	20,000,101	1	1,007,701	0.070
ODERATING INCOME		4 0 10 -0-	40.045		4 005 555	
OPERATING INCOME	\$	1,843,505	40,845	13	1,802,660	4413.4%

SHAKOPEE PUBLIC UTILITIES WATER OPERATING REVENUE AND EXPENSE

		YTD Actual June 2017	YTD Budget June 2017	YTD Actual v. Budget Better/(Worse) \$ %	
OPERATING REVENUES	•	4 700 000	4 000 404	(70.704)	4.00/
Sales of Water	\$	1,789,380	1,868,161	(78,781)	-4.2%
Forfeited Discounts		6,155	10,388	(4,233)	-40.7%
Uncollectible accounts		(0) 1,795,535	1,878,549	(83,014)	-4.4%
Total Operating Revenues		1,795,535	1,070,049	(03,014)	-4.4%
OPERATING EXPENSES Operations and Maintenance					
Pumping and distribution operation		240,866	235,766	(5,100)	-2.2%
Pumping and distribution maintenance		174,501	202,387	27,886	13.8%
Power for pumping		140,813	139,515	(1,299)	-0.9%
Maintenance of general plant		20,226	14,054	(6,172)	-43.9%
Total Operation and Maintenance		576,406	591,721	15,315	2.6%
Customer Accounts					
Meter Reading		27,607	45,551	17,944	39.4%
Customer records and collection		72,477	71,978	(499)	-0.7%
Energy conservation		1,735	12,000	10,265	-
Total Customer Accounts		101,819	129,529	27,710	21.4%
Administrative and General					
Administrative and general salaries		182,271	188,762	6,491	3.4%
Office supplies and expense		33,681	35,558	1,876	5.3%
Outside services employed		24,594	104,261	79,668	76.4%
Insurance		31,550	31,454	(96)	-0.3%
Employee Benefits		307,861	347,142	39,281	11.3%
Miscellaneous general		108,662	119,826	11,163	9.3%
Total Administrative and General		688,620	827,003	138,383	16.7%
Total Operation, Customer, & Admin Expenses		1,366,845	1,548,253	181,408	11.7%
Depreciation		674,426	746,837	72,412	9.7%
Amortization of plant acquisition	-	-	-		-
Total Operating Expenses	\$	2,041,271	2,295,090	253,820	11.1%
OPERATING INCOME	\$	(245,736)	(416,542)	170,806	41.0%