

AGENDA
PUBLIC UTILITIES COMMISSION
August 5, 2020
3:00 P.M.

A. Call to Order

B. Roll Call

C. Approve Consent Agenda

1. Approve Agenda
2. Approve Meeting Minutes
3. Payments Report

D. AMI Opt Out Policy Request

E. Adjourn

Public Utilities Commission Special Meeting
Minutes
July 1, 2020

Meeting was called to order by Chair George Wilkes at 3:02 p.m.

Members present: Tim Kennedy, Annie Possis, and George Wilkes

Absent:

Staff Present: Shane Steele, Mike Roth, and Patrick Knight

Motion by Kennedy, seconded by Possis to approve the Agenda; April 15th, 2020 Minutes; and Payment of Bills. Approved unanimously.

Shane Steele presented a proposal from star energy services to become our distributed energy coordinator. The Commission discussed how the current distributed energy process worked.

Motion by Possis, seconded by Kennedy to approve the proposal from Star Energy Services. Approved unanimously.

Shane Steele presented a background on how a SolSmart designation would benefit the City. The Commission questioned Shane about SolSmart.

Motion by Kennedy, seconded by Possis to recommend Wilkes sign a letter of support to SolSmart. Approved unanimously.

Motion by Wilkes, seconded by Possis to make Mike Roth and Kim Dunsmoor delegates to the MMUA. Approved unanimously.

Mike Roth presented the general precautions PUC staff has been taking during this emergency. He also presented how Covid-19 has been impacting PUC budgets.

There being no further business, the meeting adjourned at 3:35 p.m.



City of Grand Marais

CITY OF GRAND MARAIS

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Payments

Current Period: July 2020

Payments Batch 7-9-20 AP \$57,914.35

Refer	80101	<i>PUBLIC UTILITIES COMMISSION1</i>	Ck# 004961E 7/1/2020			
Cash Payment	E 602-49451-380	Utility Services (GENER				\$1,028.95
Invoice	JULY-20	7/1/2020				
Cash Payment	E 602-49480-380	Utility Services (GENER				\$4,114.22
Invoice	JULY-20	7/1/2020				
Cash Payment	E 601-49420-380	Utility Services (GENER				\$1,990.08
Invoice	JULY-20	7/1/2020				
Cash Payment	E 604-49551-380	Utility Services (GENER				\$33.04
Invoice	JULY-20	7/1/2020				
Transaction Date	7/1/2020	Due 7/1/2020	MAIN CHECKING G	10100	Total	\$7,166.29
Refer	80114	<i>G&G SEPTIC</i>	-			
Cash Payment	E 602-49480-317	Contracted Services				\$7,735.00
Invoice	20587	6/30/2020				
Transaction Date	7/1/2020	Due 7/1/2020	MAIN CHECKING G	10100	Total	\$7,735.00
Refer	80123	<i>ALLIED GENERATORS</i>	-			
Cash Payment	E 604-49570-580	Capital Outlay (Equipme				\$20,823.89
Invoice	23172	6/16/2020				
Transaction Date	7/1/2020	Due 7/1/2020	MAIN CHECKING G	10100	Total	\$20,823.89
Refer	80125	<i>NEON LINK</i>	-			
Cash Payment	E 604-49590-310	Service Agreements				\$415.12
Invoice	1848	6/10/2020				
Cash Payment	E 601-49440-310	Service Agreements				\$116.75
Invoice	1848	6/10/2020				
Cash Payment	E 602-49490-310	Service Agreements				\$116.75
Invoice	1848	6/10/2020				
Cash Payment	E 604-49590-310	Service Agreements				\$416.56
Invoice	1847	5/29/2020				
Cash Payment	E 601-49440-310	Service Agreements				\$117.16
Invoice	1847	5/29/2020				
Cash Payment	E 602-49490-310	Service Agreements				\$117.16
Invoice	1847	5/29/2020				
Cash Payment	E 604-49590-310	Service Agreements				\$447.74
Invoice	1846	5/29/2020				
Cash Payment	E 601-49440-310	Service Agreements				\$134.36
Invoice	1846	5/29/2020				
Cash Payment	E 602-49490-310	Service Agreements				\$134.36
Invoice	1846	5/29/2020				
Transaction Date	7/1/2020	Due 7/1/2020	MAIN CHECKING G	10100	Total	\$2,015.96
Refer	80128	<i>GREG LYKINS</i>	-			
Cash Payment	E 602-49490-241	Safety Equipment				\$238.37
Invoice	BOOTS	6/22/2020				
Transaction Date	7/1/2020	Due 7/1/2020	MAIN CHECKING G	10100	Total	\$238.37
Refer	80129	<i>LHB ENGINEERS & ARCHITECTS</i>	-			
Cash Payment	E 601-49431-303	Engineering Fees				\$1,196.25
Invoice	160861.00-20	6/17/2020				



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Payments

City of Grand Marais

Current Period: July 2020

Cash Payment	E 602-49431-303 Engineering Fees								\$1,196.25
Invoice	160861.00-20	6/17/2020							
Transaction Date	7/1/2020	Due 7/1/2020	MAIN CHECKING G	10100			Total		\$2,392.50
Refer	80130 EATON								
Cash Payment	E 604-49570-227 Utility Maint Supplies								\$16,360.29
Invoice	940042886	6/19/2020							
Transaction Date	7/1/2020	Due 7/1/2020	MAIN CHECKING G	10100			Total		\$16,360.29
Refer	80134 STUART C IRBY CO								
Cash Payment	E 604-49570-210 Operating Supplies (GEN								\$286.11
Invoice	S011848639.003	6/24/2020							
Transaction Date	7/1/2020	Due 7/1/2020	MAIN CHECKING G	10100			Total		\$286.11
Refer	80135 GRAND MARAIS AUTO PARTS, INC								
Cash Payment	E 604-49570-220 Repair/Maint Supply (GE								\$107.16
Invoice	2088	6/23/2020							
Transaction Date	7/1/2020	Due 7/1/2020	MAIN CHECKING G	10100			Total		\$107.16
Refer	80137 TOSHIBA BUSINESS SOLUTIONS								
Cash Payment	E 604-49590-200 Office Supplies (GENER								\$12.28
Invoice	5292365	6/22/2020							
Cash Payment	E 601-49440-200 Office Supplies (GENER								\$3.45
Invoice	5292365	6/22/2020							
Cash Payment	E 602-49490-200 Office Supplies (GENER								\$3.45
Invoice	5292365	6/22/2020							
Transaction Date	7/1/2020	Due 7/1/2020	MAIN CHECKING G	10100			Total		\$19.18
Refer	80140 GOPHER STATE ONE CALL								
Cash Payment	E 604-49570-317 Contracted Services								\$98.55
Invoice	0060989	6/30/2020							
Transaction Date	7/1/2020	Due 7/1/2020	MAIN CHECKING G	10100			Total		\$98.55
Refer	80141 NORTH SHORE WASTE								
Cash Payment	E 602-49480-384 Refuse/Garbage Disposa								\$1.63
Invoice	72650	6/30/2020							
Transaction Date	7/1/2020	Due 7/1/2020	MAIN CHECKING G	10100			Total		\$1.63
Refer	80155 W.W. GOETSCH ASSOCIATES, INC								
Cash Payment	E 602-49451-228 Repair & Maintenance								\$669.42
Invoice	104328	6/26/2020							
Transaction Date	7/2/2020	Due 7/2/2020	MAIN CHECKING G	10100			Total		\$669.42



Payments

City of Grand Marais

Current Period: July 2020

Fund Summary

	10100 MAIN CHECKING GMSB	
101 GENERAL FUND		\$37,456.55
211 LIBRARY		\$1,147.47
215 LIBRARY RESTRICTED FUND		\$457.12
601 WATER		\$3,558.05
602 SEWER		\$15,355.56
604 ELECTRIC		\$39,000.74
609 MUNICIPAL LIQUOR FUND		\$294.99
		<hr/>
		\$97,270.48

Pre-Written Checks	\$7,166.29
Checks to be Generated by the Computer	\$50,748.06
Total	<hr/> \$57,914.35

Payments Batch EFTPS \$25.00

Refer	0 GRAND MARAIS STATE BANK	Ck# 004881E 2/28/2002	
Cash Payment	E 604-49590-431 Bank Charges		\$12.50
Invoice Direct Deposit	2/28/2002		
Cash Payment	E 601-49440-430 Miscellaneous (GENERA		\$6.25
Invoice Direct Deposit	2/28/2002		
Cash Payment	E 602-49490-430 Miscellaneous (GENERA		\$6.25
Invoice Direct Deposit	2/28/2002		
Transaction Date	12/4/2013	MAIN CHECKING G 10100	<hr/> Total \$25.00

Fund Summary

	10100 MAIN CHECKING GMSB	
101 GENERAL FUND		\$3,168.46
601 WATER		\$6.25
602 SEWER		\$6.25
604 ELECTRIC		\$12.50
609 MUNICIPAL LIQUOR FUND		\$2,844.42
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		\$6,037.88

Pre-Written Checks	\$25.00
Checks to be Generated by the Computer	\$0.00
Total	<hr/> \$25.00



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Payments

City of Grand Marais

Current Period: June 2020

Payments Batch 7-13-20DEPR \$91.25

Refer	0	TIFFANY FYSTROM	-		
Cash Payment	G 604-11504	Undistributed Receipts	000000280701		\$91.25
Invoice					
Transaction Date	7/13/2020	MAIN CHECKING G	10100	Total	\$91.25

Fund Summary

	10100	MAIN CHECKING GMSB	
604 ELECTRIC			\$91.25
			\$91.25

Pre-Written Checks	\$0.00
Checks to be Generated by the Computer	\$91.25
Total	\$91.25

Payments Batch 7-30-20 AP \$133,398.46

Refer	80199	WEX BANK	Ck# 004984E 7/24/2020		
Cash Payment	E 604-49570-212	Motor Fuels			\$32.32
Invoice 66500511 7/15/2020					
Cash Payment	E 601-49440-212	Motor Fuels			\$9.24
Invoice 66500511 7/15/2020					
Cash Payment	E 602-49490-212	Motor Fuels			\$9.24
Invoice 66500511 7/15/2020					
Cash Payment	E 604-49570-212	Motor Fuels			\$193.35
Invoice 66504056 7/15/2020					
Cash Payment	E 601-49440-212	Motor Fuels			\$127.32
Invoice 66509581 7/15/2020					
Cash Payment	E 602-49490-212	Motor Fuels			\$127.31
Invoice 66509581 7/15/2020					
Transaction Date	7/23/2020	Due 8/22/2020	MAIN CHECKING G	10100	Total \$498.78

Refer	80200	BUCK S HARDWARE HANK	-		
Cash Payment	E 604-49570-210	Operating Supplies (GEN			\$23.16
Invoice 2088 6/30/2020					
Cash Payment	E 602-49480-300	Professional Svcs (GENE			\$51.66
Invoice 1160 6/30/2020					
Cash Payment	E 601-49420-210	Operating Supplies (GEN			\$8.94
Invoice 1160 6/30/2020					
Transaction Date	7/23/2020	Due 8/22/2020	MAIN CHECKING G	10100	Total \$83.76

Refer	80201	COOK COUNTY HOME CENTER	-		
Cash Payment	E 604-49570-210	Operating Supplies (GEN			\$15.88
Invoice 2088 6/30/2020					
Cash Payment	E 604-49570-210	Operating Supplies (GEN			\$308.00
Invoice 1848 6/30/2020					
Cash Payment	E 601-49430-210	Operating Supplies (GEN			\$388.78
Invoice 1160 6/30/2020					
Transaction Date	7/23/2020	Due 8/22/2020	MAIN CHECKING G	10100	Total \$712.66

Refer	80222	EDWIN E. THORESON, INC.	-		
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Payments

City of Grand Marais

Current Period: July 2020

Cash Payment	E 604-49570-210 Operating Supplies (GEN)								\$425.00
Invoice 27610		6/30/2020							
Cash Payment	E 601-49430-317 Contracted Services								\$357.50
Invoice 27609		6/30/2020							
Transaction Date	7/23/2020	Due 8/22/2020	MAIN CHECKING G	10100			Total		\$782.50
Refer	80228	WALKER, GIROUX & HAHNE							
Cash Payment	E 601-49440-301 Auditing and Acct g Servi								\$3,812.50
Invoice 63965		6/30/2020							
Cash Payment	E 602-49490-301 Auditing and Acct g Servi								\$3,812.50
Invoice 63965		6/30/2020							
Cash Payment	E 604-49590-301 Auditing and Acct g Servi								\$7,625.00
Invoice 63965		6/30/2020							
Transaction Date	7/23/2020	Due 8/22/2020	MAIN CHECKING G	10100			Total		\$15,250.00
Refer	80230	STUART C IRBY CO							
Cash Payment	E 604-49570-210 Operating Supplies (GEN)								\$128.97
Invoice S011411167.002		6/12/2019							
Transaction Date	7/23/2020	Due 8/22/2020	MAIN CHECKING G	10100			Total		\$128.97
Refer	80232	US BANK							
Cash Payment	E 601-47027-611 Bond Interest								\$673.13
Invoice loan pay 152		7/17/2020							
Cash Payment	E 601-47027-620 Fiscal Agent s Fees								\$177.55
Invoice loan pay 152		7/17/2020							
Transaction Date	7/23/2020	Due 8/22/2020	MAIN CHECKING G	10100			Total		\$850.68
Refer	80236	PSN							
									<u>Ck# 004986E 7/3/2020</u>
Cash Payment	E 604-49590-432 Credit Card Charges								\$388.39
Invoice 219684		7/3/2020							
Cash Payment	E 601-49440-432 Credit Card Charges								\$109.23
Invoice 219684		7/3/2020							
Cash Payment	E 602-49490-432 Credit Card Charges								\$109.23
Invoice 219684		7/3/2020							
Transaction Date	7/23/2020	Due 8/22/2020	MAIN CHECKING G	10100			Total		\$606.85
Refer	80240	JAVA MOOSE							
Cash Payment	E 604-49590-200 Office Supplies (GENER)								\$55.00
Invoice 998		7/7/2020							
Transaction Date	7/23/2020	Due 8/22/2020	MAIN CHECKING G	10100			Total		\$55.00
Refer	80241	MN DEPT OF REVENUE-EFTPS							
									<u>Ck# 004987E 7/7/2020</u>
Cash Payment	G 601-20800 Taxes Due (State MN)								\$804.00
Invoice 0-855-396-640		6/30/2020							
Cash Payment	G 604-20800 Taxes Due (State MN)								\$1,445.00
Invoice 0-855-396-640		6/30/2020							
Transaction Date	7/23/2020	Due 8/22/2020	MAIN CHECKING G	10100			Total		\$2,249.00
Refer	80242	MMUA							
Cash Payment	E 604-49570-308 Safety Assistance Progra								\$450.00
Invoice 55530		7/7/2020							
Transaction Date	7/23/2020	Due 8/22/2020	MAIN CHECKING G	10100			Total		\$450.00
Refer	80244	SMMPPA							
									<u>Ck# 004988E 7/27/2020</u>



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Payments

City of Grand Marais

Current Period: July 2020

Cash Payment	E 604-49560-388 Purchase Power								\$103,364.89
Invoice	JUNE 2020	7/1/2020							
Transaction Date	7/23/2020	Due 8/22/2020	MAIN CHECKING G	10100			Total		\$103,364.89
Refer	80252	WATER CONSERVATION SERVICE							
Cash Payment	E 601-49430-317 Contracted Services								\$2,525.00
Invoice	10564	7/8/2020							
Transaction Date	7/23/2020	Due 8/22/2020	MAIN CHECKING G	10100			Total		\$2,525.00
Refer	80253	UTILITY CONSULTANTS, INC							
Cash Payment	E 602-49480-300 Professional Svcs (GENE								\$580.12
Invoice	105592	7/1/2020							
Transaction Date	7/23/2020	Due 8/22/2020	MAIN CHECKING G	10100			Total		\$580.12
Refer	80254	MY BROTHERS PLACE AUTO REP							
Cash Payment	E 604-49570-404 Repairs/Maint Machinery								\$38.00
Invoice	6611	7/2/2020							
Cash Payment	E 604-49570-404 Repairs/Maint Machinery								\$889.05
Invoice	6593	7/2/2020							
Transaction Date	7/23/2020	Due 8/22/2020	MAIN CHECKING G	10100			Total		\$927.05
Refer	80258	HAWKINS, INC.							
Cash Payment	E 601-49420-218 Operating Supplies- Che								\$894.04
Invoice	4745566	7/1/2020							
Transaction Date	7/23/2020	Due 8/22/2020	MAIN CHECKING G	10100			Total		\$894.04
Refer	80260	ALLIED GENERATORS							
Cash Payment	E 604-49551-210 Operating Supplies (GEN								\$1,245.00
Invoice	24309	7/8/2020							
Transaction Date	7/23/2020	Due 8/22/2020	MAIN CHECKING G	10100			Total		\$1,245.00
Refer	80261	TEAM LABORATORY CHEMICAL C							
Cash Payment	E 602-49480-210 Operating Supplies (GEN								\$875.50
Invoice	INV0021452	6/30/2020							
Transaction Date	7/23/2020	Due 8/22/2020	MAIN CHECKING G	10100			Total		\$875.50
Refer	80262	CENTURYLINK							
Cash Payment	E 601-49440-321 Telephone								\$57.40
Invoice	2183871788	7/1/2020							
Cash Payment	E 601-49440-321 Telephone								\$69.36
Invoice	218 D24-1002	7/1/2020							
Cash Payment	E 601-49440-321 Telephone								\$69.36
Invoice	218 D24-1001	7/1/2020							
Transaction Date	7/23/2020	Due 8/22/2020	MAIN CHECKING G	10100			Total		\$196.12
Refer	80263	ZIEGLER INC.							
Cash Payment	E 604-49570-220 Repair/Maint Supply (GE								\$213.57
Invoice	PC070237782	6/25/2020							
Cash Payment	E 601-49430-220 Repair/Maint Supply (GE								\$61.02
Invoice	PC070237782	6/25/2020							
Cash Payment	E 602-49451-220 Repair/Maint Supply (GE								\$61.02
Invoice	PC070237782	6/25/2020							
Transaction Date	7/23/2020	Due 8/22/2020	MAIN CHECKING G	10100			Total		\$335.61
Refer	80264	ZIEGLER INC.							



Payments

City of Grand Marais

Current Period: Recur Batch

Fund Summary

	10100 MAIN CHECKING GMSB	
101 GENERAL FUND		\$3,168.46
601 WATER		\$6.25
602 SEWER		\$6.25
604 ELECTRIC		\$12.50
609 MUNICIPAL LIQUOR FUND		\$2,844.42
		<hr/>
		\$6,037.88

Pre-Written Checks	\$25.00
Checks to be Generated by the Computer	\$0.00
Total	<hr/>
	\$25.00



July 29, 2020

Grand Marais Public Utilities Commission

Commissioner Tim Kennedy
Commissioner Ann Possis
Commissioner George Wilkes

RE: Advanced Metering Infrastructure (AMI)

OBJECTIVE:

Harborview Apartments is a 31 unit apartment complex providing HUD subsidized housing for individuals 62 plus years of age or individuals on medical disability.

Given our population demographic, and their recognized health requirements, it is our hope the Grand Marais Public Utilities Commission (PUC) will provide an amiable solution that will enable our tenants to retain our bank of 31 analog meters, located within our building, at no additional cost to tenants.

Harborview management is willing to assist in facilitating the periodic readings.

RATIONAL:

Advanced Metering Infrastructure (AMI) "Smart Meters" emit Radio Frequency (RF) Radiation at unsafe levels.

There are two ways that smart meters cause RF Radiation.

1. The device itself emits up to 60,000 micro-watts per meter squared. The US safety limit for RF Radiation is 1,000 micro-watts per meter squared. Some smart meters emit up to 60 times that, or 60,000 micro-watts per meter squared.

2. Smart meters causes repeated spikes and surges of higher frequencies of electricity to be running through the electrical wires in every circuit of a building (this is especially problematic in buildings with older wiring). These spikes and surges are of a high enough frequency that they become airborne and radiate through the walls and into the rooms of the structure. This form of RF Radiation is referred to as electromagnetic smog or dirty electricity.

It is recommended individuals maintain a 40-foot distance between themselves and a "Smart Meter." Some Provinces in Canada require "Smart Meters" be placed 70-feet from a building. Present analog meters at Harborview are installed within the building on a common wall with a tenant apartment.

There is evidence from a number of credible sources that demonstrates convincingly and consistently that exposure to radio frequency at elevated levels for long periods of time increase the risk of cancer, increases the damage to the nervous system, causes sensitivity, has adverse reproductive affects as well as a variety of other effects on different organ systems.

Problems reported where “Smart Meters” have been installed:

- Reported symptoms from the radiation emitted by wireless Smart Meters are: headaches, dizziness, short-term memory loss, a fuzzy head, irritability, itchiness, aches, sleep disturbance, digestive problems, heart-rate changes, and elevated blood pressure, to identify a few. Both children and adults care impacted.
- Radio frequency interference that causes malfunctioning of wireless equipment, such as Wi-Fi and streaming services such as Netflix.
- Radio frequency interference that causes malfunctioning of medical and critical-care equipment, such as pacemakers, wireless insulin pumps, pain pumps, ventilators, and baby monitors.
- Radio frequency spikes causing appliances to malfunction, such as garage doors that won't open or close properly.
- Cyber-security breaches [e.g., illegal access to 179,000 accounts at Hydro Toronto].
- Excessive billing and inaccurate readings, interception of personal identity information (electronic eavesdropping).
- Safety risks: Electrical fires and explosions.

“Smart Meters” have not been tested by Underwriters Laboratories and do not carry the “UL” label, required for electronic devices. With their 100-plus year record and having developed more than 1,000 standards for safety, it is disconcerting that UL certification is missing on these meters.

There is no federal security mandate for “Smart Meters,” according to George W. Arnold the national coordinator for smart-grid interoperability at the National Institute of Standards and Technology [NIST]. While both the 2005 and 2007 energy bills were codified into public laws, no part of these energy bills creates a federal law pertaining to individual consumers or dictating that the public must be forced to comply with provisions of the SMART grid.

European countries who decided against having a national smart meter roll-out plan: Germany, Croatia, Cyprus, the Czech Republic, Greece and Ireland.

Comments by some of the top authorities:

“‘Dirty electricity’ or ‘dirty power’ are terms coined by the electric utilities to describe the electrical pollution consisting of high frequency voltage transients and harmonics riding along on the 50 or 60 Hz wave form and contaminating the electricity delivered to users. ...

The APS ‘smart’ meters are electronic devices which replaced the old electromechanical analog meters used to measure electric power consumption for billing purposes. The smart meters have circuitry to measure power consumption and a microwave transmitter to send this information to the utility. The health effects of microwave exposures are well known. All transmitters, including the microwave transmitters in smart meters, operate on direct current (DC). The APS smart meters contain a switching mode power supply (SMPS) which changes the utility 60 Hz alternating current to DC. ...

Because it is at the front end of a building’s wiring, the dirty electricity from the smart meter’s SMPS has a gateway into that building’s wiring, and also into the earth via the house ground. The house wiring acts as an antenna and the fields capacitively couple to the body through the air within 6 to 8 feet of the house wiring or extension cords plugged into the outlets. ...

I believe that our evolutionary balance, developed over the millennia, has been severely disturbed and disrupted by man-made EMFs. I believe that man-made EMFs, especially dirty electricity, are chronic stressors and are responsible for many of the disease patterns of electrified populations. ...

It is my professional opinion that smart meters are a public health hazard.”

Dr. Samuel Milham, Physician-epidemiologist, worked for the public health department of the state of Washington for more than 20 years

“Cells in the body react to EMF’s as potentially harmful, just like any other environmental toxins, including heavy metals and toxic chemicals. The DNA in living cells recognizes electromagnetic fields at very low levels of exposure; and produces a biochemical stress response. The scientific evidence tells us that our safety standards are inadequate, and that we must protect ourselves from exposure to EMF due to power lines, cells phones and the like, or risk the known consequences. The science is very strong and we should sit up and pay attention.”

Dr. Martin Blank, Associate Professor, Department of Physiology and Cellular Biophysics, Columbia University

“Cancer may be the least important effect [of RF/EMF exposure]. Other effects may be much more important...for instance, the impact on the Immune System which is supposed to protect you against whatever bacteria, microbes, or molecules that enter your body; effects on fertility...effects on various mental functions; including short-term memory. Your concentration capacity decreases after microwave radiation.”

Prof. Olle Johansson, Karolinska Institute, Stockholm, Sweden, and co-author of the Bioinitiative Report’s section on the Immune System

“Over the past two years, there has been mounting medical and scientific evidence of the grave biological dangers to humans from so-called “smart’ meters exposure.”

Dr. Ilya Sandra Perlingieri, Global Research California

“We need to educate decision-makers that ‘business as usual’ is unacceptable. The importance of this public health issue cannot be underestimated. There is no reason, no justification that smart meters have no adverse health effects.”

Dr. David Carpenter, Professor, Environmental Health Sciences, and Director, Institute for Health and the Environment, School of Public Health, University of Albany, State University of NY

Increasingly, city councils and county supervisors are becoming more responsive to valid concerns and consumer complaints to reduce constant exposure (24/7/365) to the invisible dangers of RF and EMF.

It is our hope members of the Grand Marais Public Utilities Commission will thoughtfully consider our request in the context of these findings. Know that we welcome the opportunity to engage in discussions related to these expressed concerns.

Respectfully submitted,

Garry Gamble

Garry Gamble

Oliver Management Service, Inc., Resident Manager

Atts: (30 pages)

cc: Oliver Management Services, Inc.

Proposed City of Grand Marais AMI Meter Installation

Charles E. Johnson, a resident at: **Harborview Apartments**
11 E 3rd St Apt 100
Grand Marais, MN 55604

I, the undersigned, having been made aware of the Grand Marais Public Utilities Commission's (PUC) intent to install Advanced Metering Infrastructure (AMI), better known as Smart Meters, in my place of residence:

DO give my consent DO NO give my consent

It is my hope the PUC will provide an amiable solution that will enable me to retain and keep using the analog utility meter, installed at Harborview, at no additional cost to me.



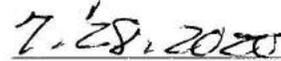
Tenant Signature



Date



Witness Signature



Date

Proposed City of Grand Marais AMI Meter Installation

Scott Minke, a resident at:

Harborview Apartments

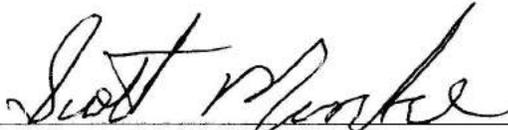
11 E 3rd St Apt 101

Grand Marais, MN 55604

I, the undersigned, having been made aware of the Grand Marais Public Utilities Commission's (PUC) intent to install Advanced Metering Infrastructure (AMI), better known as Smart Meters, in my place of residence:

DO give my consent DO NO give my consent

It is my hope the PUC will provide an amiable solution that will enable me to retain and keep using the analog utility meter, installed at Harborview, at no additional cost to me.



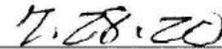
Tenant Signature



Date



Witness Signature



Date

Proposed City of Grand Marais AMI Meter Installation

Rosa Medina, a resident at:

Harborview Apartments

11 E 3rd St Apt 102

Grand Marais, MN 55604

I, the undersigned, having been made aware of the Grand Marais Public Utilities Commission's (PUC) intent to install Advanced Metering Infrastructure (AMI), better known as Smart Meters, in my place of residence:

DO give my consent **DO NO** give my consent

It is my hope the PUC will provide an amiable solution that will enable me to retain and keep using the analog utility meter, installed at Harborview, at no additional cost to me.

Rosa Medina

Tenant Signature

7-28-2020

Date

[Signature]

Witness Signature

7.28.2020

Date

Proposed City of Grand Marais AMI Meter Installation

Susan Hennes, a resident at:

Harborview Apartments
11 E 3rd St Apt 103
Grand Marais, MN 55604

I, the undersigned, having been made aware of the Grand Marais Public Utilities Commission's (PUC) intent to install Advanced Metering Infrastructure (AMI), better known as Smart Meters, in my place of residence:

DO give my consent DO NO give my consent

It is my hope the PUC will provide an amiable solution that will enable me to retain and keep using the analog utility meter, installed at Harborview, at no additional cost to me.

Susan Hennes

Tenant Signature

7-28-2020

Date

[Signature]

Witness Signature

7.28.2020

Date

Proposed City of Grand Marais AMI Meter Installation

Garry Gamble, a resident at:

Harborview Apartments

11 E 3rd St Apt 104

Grand Marais, MN 55604

I, the undersigned, having been made aware of the Grand Marais Public Utilities Commission's (PUC) intent to install Advanced Metering Infrastructure (AMI), better known as Smart Meters, in my place of residence:

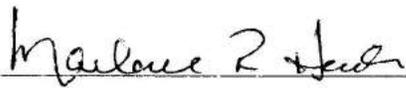
DO give my consent DO NO give my consent

It is my hope the PUC will provide an amiable solution that will enable me to retain and keep using the analog utility meter, installed at Harborview, at no additional cost to me.



Tenant Signature

7-28-2020
Date



Witness Signature

7-28-2020
Date

Proposed City of Grand Marais AMI Meter Installation

Renee' Gamble, a resident at:

Harborview Apartments

11 E 3rd St Apt 104

Grand Marais, MN 55604

I, the undersigned, having been made aware of the Grand Marais Public Utilities Commission's (PUC) intent to install Advanced Metering Infrastructure (AMI), better known as Smart Meters, in my place of residence:

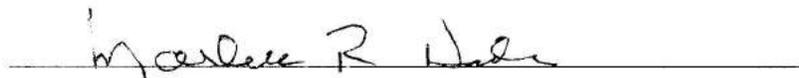
DO give my consent DO NO give my consent

It is my hope the PUC will provide an amiable solution that will enable me to retain and keep using the analog utility meter, installed at Harborview, at no additional cost to me.



Tenant Signature

7-28-2020
Date



Witness Signature

7-28-2020
Date

Proposed City of Grand Marais AMI Meter Installation

Marlend Huonder, a resident at:

Harborview Apartments

11 E 3rd St Apt 105

Grand Marais, MN 55604

I, the undersigned, having been made aware of the Grand Marais Public Utilities Commission's (PUC) intent to install Advanced Metering Infrastructure (AMI), better known as Smart Meters, in my place of residence:

DO give my consent DO NO give my consent

It is my hope the PUC will provide an amiable solution that will enable me to retain and keep using the analog utility meter, installed at Harborview, at no additional cost to me.

Marlend R. Huonder
Tenant Signature

7-28-2020
Date

[Signature]
Witness Signature

7.28.2020
Date

Proposed City of Grand Marais AMI Meter Installation

Brett R. Johnson, a resident at:

Harborview Apartments

11 E 3rd St Apt 107

Grand Marais, MN 55604

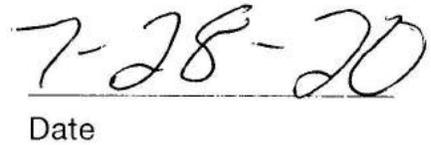
I, the undersigned, having been made aware of the Grand Marais Public Utilities Commission's (PUC) intent to install Advanced Metering Infrastructure (AMI), better known as Smart Meters, in my place of residence:

DO give my consent **DO NO** give my consent

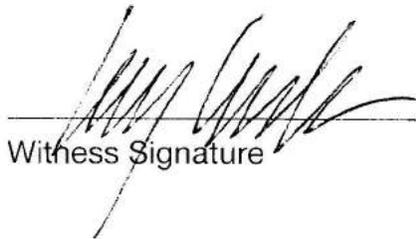
It is my hope the PUC will provide an amiable solution that will enable me to retain and keep using the analog utility meter, installed at Harborview, at no additional cost to me.



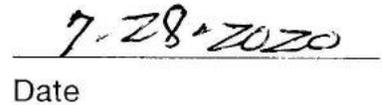
Tenant Signature



Date



Witness Signature



Date

Proposed City of Grand Marais AMI Meter Installation

Theresa L. Farnum, a resident at: **Harborview Apartments**
11 E 3rd St Apt 108
Grand Marais, MN 55604

I, the undersigned, having been made aware of the Grand Marais Public Utilities Commission's (PUC) intent to install Advanced Metering Infrastructure (AMI), better known as Smart Meters, in my place of residence:

DO give my consent **DO NO** give my consent

It is my hope the PUC will provide an amiable solution that will enable me to retain and keep using the analog utility meter, installed at Harborview, at no additional cost to me.

Theresa L Farnum
Tenant Signature

7-28-2020
Date

[Signature]
Witness Signature

7-28-2020
Date

Proposed City of Grand Marais AMI Meter Installation

Christine Powell, a resident at:

Harborview Apartments

11 E 3rd St Apt 110

Grand Marais, MN 55604

I, the undersigned, having been made aware of the Grand Marais Public Utilities Commission's (PUC) intent to install Advanced Metering Infrastructure (AMI), better known as Smart Meters, in my place of residence:

DO give my consent DO NO give my consent

It is my hope the PUC will provide an amiable solution that will enable me to retain and keep using the analog utility meter, installed at Harborview, at no additional cost to me.



Tenant Signature



Date



Witness Signature



Date

Proposed City of Grand Marais AMI Meter Installation

Kent E. Tate, a resident at:

Harborview Apartments

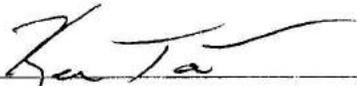
11 E 3rd St Apt 200

Grand Marais, MN 55604

I, the undersigned, having been made aware of the Grand Marais Public Utilities Commission's (PUC) intent to install Advanced Metering Infrastructure (AMI), better known as Smart Meters, in my place of residence:

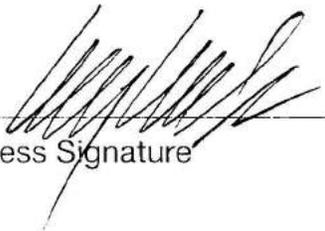
DO give my consent **DO NO** give my consent

It is my hope the PUC will provide an amiable solution that will enable me to retain and keep using the analog utility meter, installed at Harborview, at no additional cost to me.



Tenant Signature

7/27/2020
Date



Witness Signature

7.27.2020
Date

Proposed City of Grand Marais AMI Meter Installation

Emma Heath, a resident at:

Harborview Apartments

11 E 3rd St Apt 201

Grand Marais, MN 55604

I, the undersigned, having been made aware of the Grand Marais Public Utilities Commission's (PUC) intent to install Advanced Metering Infrastructure (AMI), better known as Smart Meters, in my place of residence:

DO give my consent DO NO give my consent

It is my hope the PUC will provide an amiable solution that will enable me to retain and keep using the analog utility meter, installed at Harborview, at no additional cost to me.

Emma Heath

Tenant Signature

7/27/20

Date

[Handwritten Signature]

Witness Signature

7.27.2020

Date

Proposed City of Grand Marais AMI Meter Installation

Betty J. Michaud, a resident at: **Harborview Apartments**
11 E 3rd St Apt 202
Grand Marais, MN 55604

I, the undersigned, having been made aware of the Grand Marais Public Utilities Commission's (PUC) intent to install Advanced Metering Infrastructure (AMI), better known as Smart Meters, in my place of residence:

DO give my consent DO NO give my consent

It is my hope the PUC will provide an amiable solution that will enable me to retain and keep using the analog utility meter, installed at Harborview, at no additional cost to me.



Tenant Signature

7-27-2020
Date



Witness Signature

7-27-2020
Date

Proposed City of Grand Marais AMI Meter Installation

Eleanor I. Waha, a resident at:

Harborview Apartments

11 E 3rd St Apt 203

Grand Marais, MN 55604

I, the undersigned, having been made aware of the Grand Marais Public Utilities Commission's (PUC) intent to install Advanced Metering Infrastructure (AMI), better known as Smart Meters, in my place of residence:

DO give my consent ~~DO~~ NO give my consent

It is my hope the PUC will provide an amiable solution that will enable me to retain and keep using the analog utility meter, installed at Harborview, at no additional cost to me.

Eleanor Waha

Tenant Signature

7/27/20

Date

[Handwritten Signature]

Witness Signature

7-27-20

Date

Proposed City of Grand Marais AMI Meter Installation

Shawna Willis, a resident at:

Harborview Apartments

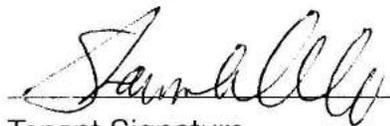
11 E 3rd St Apt 204

Grand Marais, MN 55604

I, the undersigned, having been made aware of the Grand Marais Public Utilities Commission's (PUC) intent to install Advanced Metering Infrastructure (AMI), better known as Smart Meters, in my place of residence:

DO give my consent **DO NO** give my consent

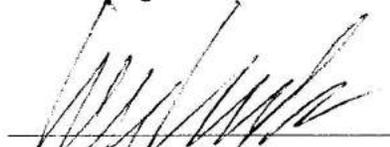
It is my hope the PUC will provide an amiable solution that will enable me to retain and keep using the analog utility meter, installed at Harborview, at no additional cost to me.



Tenant Signature

7/27/20

Date



Witness Signature

7-27-2020

Date

Proposed City of Grand Marais AMI Meter Installation

Stacy Hennessey, a resident at:

Harborview Apartments

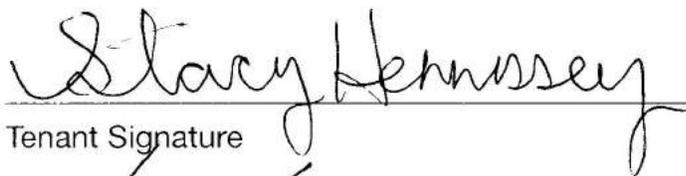
11 E 3rd St Apt 205

Grand Marais, MN 55604

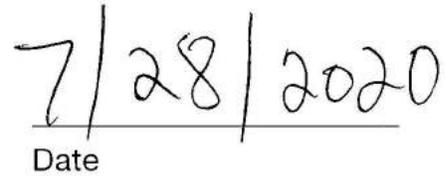
I, the undersigned, having been made aware of the Grand Marais Public Utilities Commission's (PUC) intent to install Advanced Metering Infrastructure (AMI), better known as Smart Meters, in my place of residence:

DO give my consent DO NO give my consent

It is my hope the PUC will provide an amiable solution that will enable me to retain and keep using the analog utility meter, installed at Harborview, at no additional cost to me.



Tenant Signature



Date



Witness Signature



Date

Proposed City of Grand Marais AMI Meter Installation

Cherie McLeod, a resident at:

Harborview Apartments

11 E 3rd St Apt 206

Grand Marais, MN 55604

I, the undersigned, having been made aware of the Grand Marais Public Utilities Commission's (PUC) intent to install Advanced Metering Infrastructure (AMI), better known as Smart Meters, in my place of residence:

DO give my consent **DO NO** give my consent

It is my hope the PUC will provide an amiable solution that will enable me to retain and keep using the analog utility meter, installed at Harborview, at no additional cost to me.

Cherie McLeod
Tenant Signature

7/20/20
Date

[Signature]
Witness Signature

7-28-2020
Date

Proposed City of Grand Marais AMI Meter Installation

Jill Boughner, a resident at:

Harborview Apartments
11 E 3rd St Apt 207
Grand Marais, MN 55604

I, the undersigned, having been made aware of the Grand Marais Public Utilities Commission's (PUC) intent to install Advanced Metering Infrastructure (AMI), better known as Smart Meters, in my place of residence:

DO give my consent . **DO NO** give my consent

It is my hope the PUC will provide an amiable solution that will enable me to retain and keep using the analog utility meter, installed at Harborview, at no additional cost to me.

Jill Boughner 7/27/20
Tenant Signature Date

[Signature]
Witness Signature Date 7-27-2020

Proposed City of Grand Marais AMI Meter Installation

Janice L. Dillon, a resident at:

Harborview Apartments

11 E 3rd St Apt 208

Grand Marais, MN 55604

I, the undersigned, having been made aware of the Grand Marais Public Utilities Commission's (PUC) intent to install Advanced Metering Infrastructure (AMI), better known as Smart Meters, in my place of residence:

DO give my consent **DO NO** give my consent

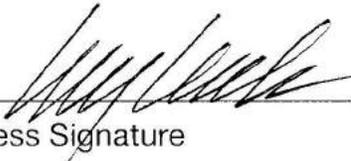
It is my hope the PUC will provide an amiable solution that will enable me to retain and keep using the analog utility meter, installed at Harborview, at no additional cost to me.



Tenant Signature



Date



Witness Signature



Date

Proposed City of Grand Marais AMI Meter Installation

Emily Terrill, a resident at:

Harborview Apartments

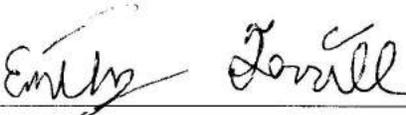
11 E 3rd St Apt 209

Grand Marais, MN 55604

I, the undersigned, having been made aware of the Grand Marais Public Utilities Commission's (PUC) intent to install Advanced Metering Infrastructure (AMI), better known as Smart Meters, in my place of residence:

DO give my consent DO NO give my consent

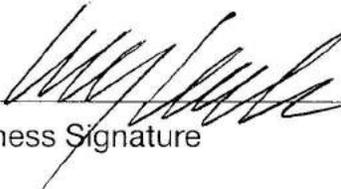
It is my hope the PUC will provide an amiable solution that will enable me to retain and keep using the analog utility meter, installed at Harborview, at no additional cost to me.



Tenant Signature



Date



Witness Signature



Date

Proposed City of Grand Marais AMI Meter Installation

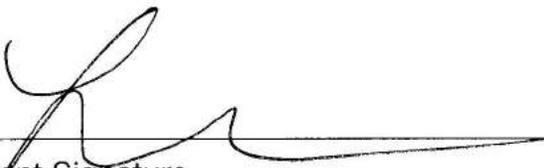
Linda Sorenson, a resident at:

Harborview Apartments
11 E 3rd St Apt 210
Grand Marais, MN 55604

I, the undersigned, having been made aware of the Grand Marais Public Utilities Commission's (PUC) intent to install Advanced Metering Infrastructure (AMI), better known as Smart Meters, in my place of residence:

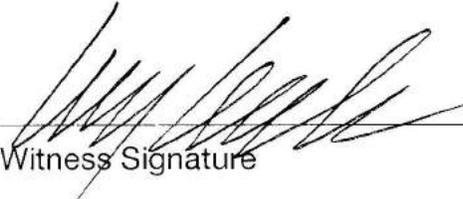
DO give my consent DO NO give my consent

It is my hope the PUC will provide an amiable solution that will enable me to retain and keep using the analog utility meter, installed at Harborview, at no additional cost to me.



Tenant Signature

7.29.2020
Date



Witness Signature

7.29.2020
Date

Proposed City of Grand Marais AMI Meter Installation

James Letourneau, a resident at: **Harborview Apartments**
11 E 3rd St Apt 300
Grand Marais, MN 55604

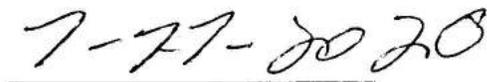
I, the undersigned, having been made aware of the Grand Marais Public Utilities Commission's (PUC) intent to install Advanced Metering Infrastructure (AMI), better known as Smart Meters, in my place of residence:

DO give my consent **DO NO** give my consent

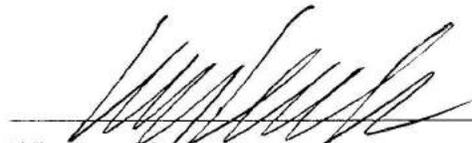
It is my hope the PUC will provide an amiable solution that will enable me to retain and keep using the analog utility meter, installed at Harborview, at no additional cost to me.



Tenant Signature



Date



Witness Signature



Date

Proposed City of Grand Marais AMI Meter Installation

Susan Colehour, a resident at:

Harborview Apartments

11 E 3rd St Apt 301

Grand Marais, MN 55604

I, the undersigned, having been made aware of the Grand Marais Public Utilities Commission's (PUC) intent to install Advanced Metering Infrastructure (AMI), better known as Smart Meters, in my place of residence:

DO give my consent DO NO give my consent

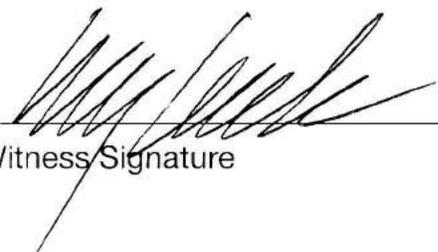
It is my hope the PUC will provide an amiable solution that will enable me to retain and keep using the analog utility meter, installed at Harborview, at no additional cost to me.



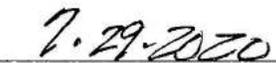
Tenant Signature



Date



Witness Signature



Date

Proposed City of Grand Marais AMI Meter Installation

Peter Dahl, a resident at:

Harborview Apartments

11 E 3rd St Apt 302

Grand Marais, MN 55604

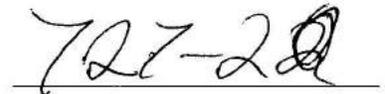
I, the undersigned, having been made aware of the Grand Marais Public Utilities Commission's (PUC) intent to install Advanced Metering Infrastructure (AMI), better known as Smart Meters, in my place of residence:

DO give my consent DO NO give my consent

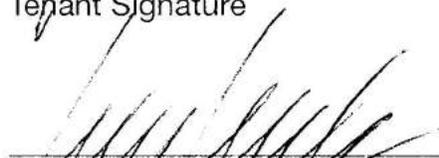
It is my hope the PUC will provide an amiable solution that will enable me to retain and keep using the analog utility meter, installed at Harborview, at no additional cost to me.



Tenant Signature



Date



Witness Signature



Date

Proposed City of Grand Marais AMI Meter Installation

Stephen W. Rose, a resident at: **Harborview Apartments**
11 E 3rd St Apt 303
Grand Marais, MN 55604

I, the undersigned, having been made aware of the Grand Marais Public Utilities Commission's (PUC) intent to install Advanced Metering Infrastructure (AMI), better known as Smart Meters, in my place of residence:

DO give my consent DO NO give my consent

It is my hope the PUC will provide an amiable solution that will enable me to retain and keep using the analog utility meter, installed at Harborview, at no additional cost to me.

Stephen W Rose
Tenant Signature

07-27-2020
Date

[Signature]
Witness Signature

7-27-2020
Date

Proposed City of Grand Marais AMI Meter Installation

Tanya A. Mentink, a resident at: **Harborview Apartments**
11 E 3rd St Apt 303
Grand Marais, MN 55604

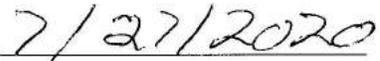
I, the undersigned, having been made aware of the Grand Marais Public Utilities Commission's (PUC) intent to install Advanced Metering Infrastructure (AMI), better known as Smart Meters, in my place of residence:

DO give my consent **DO NO** give my consent

It is my hope the PUC will provide an amiable solution that will enable me to retain and keep using the analog utility meter, installed at Harborview, at no additional cost to me.



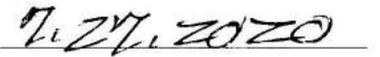
Tenant Signature



Date



Witness Signature



Date

Proposed City of Grand Marais AMI Meter Installation

Mavonne E. Dahl, a resident at: **Harborview Apartments**
11 E 3rd St Apt 304
Grand Marais, MN 55604

I, the undersigned, having been made aware of the Grand Marais Public Utilities Commission's (PUC) intent to install Advanced Metering Infrastructure (AMI), better known as Smart Meters, in my place of residence:

DO give my consent **DO NO** give my consent

It is my hope the PUC will provide an amiable solution that will enable me to retain and keep using the analog utility meter, installed at Harborview, at no additional cost to me.

Mavonne Dahl
Tenant Signature

7-27-20
Date

[Signature]
Witness Signature

7.27.20
Date

Proposed City of Grand Marais AMI Meter Installation

Julie Hannahs, a resident at:

Harborview Apartments

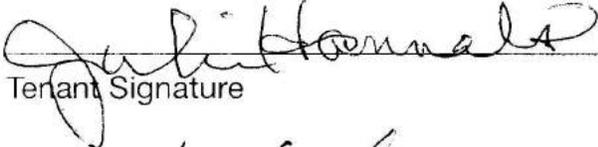
11 E 3rd St Apt 306

Grand Marais, MN 55604

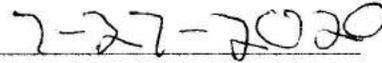
I, the undersigned, having been made aware of the Grand Marais Public Utilities Commission's (PUC) intent to install Advanced Metering Infrastructure (AMI), better known as Smart Meters, in my place of residence:

DO give my consent **DO NO** give my consent

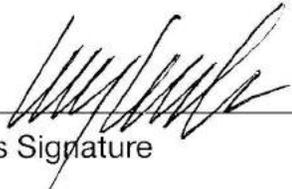
It is my hope the PUC will provide an amiable solution that will enable me to retain and keep using the analog utility meter, installed at Harborview, at no additional cost to me.



Tenant Signature



Date



Witness Signature



Date

Proposed City of Grand Marais AMI Meter Installation

Betty Wilson, a resident at:

Harborview Apartments
11 E 3rd St Apt 307
Grand Marais, MN 55604

I, the undersigned, having been made aware of the Grand Marais Public Utilities Commission's (PUC) intent to install Advanced Metering Infrastructure (AMI), better known as Smart Meters, in my place of residence:

DO give my consent **DO NO** give my consent

It is my hope the PUC will provide an amiable solution that will enable me to retain and keep using the analog utility meter, installed at Harborview, at no additional cost to me.

Betty Wilson

Tenant Signature

7-27-20

Date

[Signature]

Witness Signature

7-27-2020

Date

Proposed City of Grand Marais AMI Meter Installation

Kevin Staples, a resident at:

Harborview Apartments

11 E 3rd St Apt 309

Grand Marais, MN 55604

I, the undersigned, having been made aware of the Grand Marais Public Utilities Commission's (PUC) intent to install Advanced Metering Infrastructure (AMI), better known as Smart Meters, in my place of residence:

DO give my consent **DO NO** give my consent

It is my hope the PUC will provide an amiable solution that will enable me to retain and keep using the analog utility meter, installed at Harborview, at no additional cost to me.

Kevin Staples
Tenant Signature

7/28/20
Date

[Signature]
Witness Signature

7.28.2020
Date