COMMONWEALTH OF KENTUCKY BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:		
ELECTRONIC INVESTIGATION INTO EXCESSIVE)	
WATER LOSS BY KENTUCKY'S)	CASE NO.
JURISDICTIONAL WATER UTILITIES)	2019-00041

RESPONSE TO COMMISSION STAFF'S SECOND REQUEST FOR INFORMATION

North Manchester Water Association ("NMWA") provides the following response to the Commission Staff's Second Request for Information, attached hereto as Appendix A. The witness responsible for each response is NMWA Manager Rose Lewis.

Respectfully submitted,

Sturgill, Turner, Barker & Moloney, PLLC

M. Todd Osterloh

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APPENDIX A

1. Refer to North Manchester Water's Responses to Appendix H of the November 22, 2019 Order, filed September 23, 2020 (North Manchester Water's Response), Item 1.a. Provide an update on the number of thefts that have been discovered and the number that have been prosecuted.

Response: Three thefts had been discovered in 2020. None were prosecuted. Four thefts have been discovered in 2021 through September. None have been prosecuted as of this date. All meters in question have been removed from the ground. We have noticed significant rises of water usage on five Fridays in a row with usage being normal on Friday and Sunday but NMWA has not been able to identify where the water was going.

- 2. Refer to North Manchester Water's Response, Exhibit E, Water Audit. Exhibit E includes monthly water loss forms.
- a. The first sentence in the response states that the average water loss for 2019 is 4399 percent. Explain whether this figure should read 43.99 percent.

Response: The figure should read 49.31 percent.

b. The January 2019 form states that the water loss was 49.31 percent, however, February 2019 the water loss was 9.04 percent, and the March 2019 the loss was 52.06 percent. A review of each month in 2019 and 2020 illustrates the water loss percentage appears to fluctuate from the low of 9.04 percent (March 2019) to the high of 61.07 percent (January 2020). Explain how the information that was entered into the monthly water loss forms that North Manchester Water relied upon to develop the water line loss percentage in each water loss form.

Response: February 2019 water loss of 9.04 percent is believed to be correct based on NMWA daily master meter readings. The City of Manchester disputed their own readings and requested calibration of the master which NMWA paid for and all master meters are within acceptable range as tested by the CI Thornburg co. Please see attached letter to the City of Manchester.

c. Provide the job title and name of the individual whose job is responsible for the information provided in these water loss forms.

Response: Bill Gray, field supervisor and Rose Lewis, Manager

d. Explain the procedures that are in place to ensure all the information in these water loss forms are correct and accurate.

Response: Master meters are read daily, flushing reports and fire department water usage is turned to Rose Lewis for final reporting.

- e. In North Manchester Water's Response, Exhibit E, North Manchester Water stated, "the water loss is trending to our goal of 20 percent."
 - (1) Explain this statement due to the wide range of fluctuations of the water line loss percentages in these water loss forms.

Response: We have noticed large water use on five Fridays in a row by the master meter readings but have yet to locate where the water is being used. Thursday and Saturday readings are normal.

(2) Provide the September 2020 water loss form.

Response: Please see attached.

f. Explain why there are only three months (April–June 2020) out of a 20-month series of water loss reports with Excavation Damages water loss and no Line Break water loss.

Response: Amounts inadvertently placed in wrong column. Therefore, there should not be any excavation damages by contractors.

(1) Explain if the contractors or individuals that cause the damage to the water mains are being billed for the lost water.

Response: Contractors are billed off the tariff.

(2) Provide the rate at which the lost water is billed if the contractors or individuals that cause the damage to the water mains are being billed.

Response: Contractors are billed off the tariff for water.

(3) Explain if the contractors or individuals that cause the damage to the water mains are not being billed.

Response: Contractors are billed.

g. Explain how the water loss amounts for Line Breaks, Line Leaks, and Excavation Damages are determined each month.

Response: Work orders for each leak and found line breaks are estimated based on the size of the pipe and duration of the leak.

h. Explain how Line Breaks, Line Leaks, and Excavation Damages to the older asbestos cement mains are repaired.

Response: Asbestos cement line breaks are repaired using couplings specific to asbestos cement pipe

i. Provide the Board of Director's meeting minutes showing that the utility has determined that, "The benefits to replace to be more beneficial compared to continuing making repairs once they have occurred." Also, provide an update on the current status of this project.

Response: The NMWA has requested funds from the cares act to fund this project.

- 3. Refer to North Manchester Water's Response, Exhibit E.
- a. Provide the numerical data that has been used to calculate the totals in the category of Line Break Loss for each month that is listed on the water loss form provided in this exhibit.

Response: Please see attached work orders.

b. Provide the numerical data that has been used to calculate the totals in the category of Line Leak Loss for each month that is listed on the water loss form provided in this exhibit.

Response: Please see attached work orders.

c. Provide the numerical data that has been used to calculate the totals in the category of Excavation Damages Loss for each month that is listed on the water loss form provided in this exhibit.

Response: Not applicable. There was an error in which column submitted.

4. Refer to North Manchester Water's Response, Exhibit F. Explain whether and when North Manchester Water intends to amend its tariff regarding fire department usage reporting.

Response: NMWA intends to file additional penalty with the fire departments during the next rate increase.

- 5. Refer to North Manchester Water's response, Exhibit G.
- a. Explain the response "Accounts Payable are taken care of by an outside accountant."

Response: Accounts payables are now received by the office personal and daily receipts and deposits are made by the office personnel

(1) Provide the name and business address of the outside accountant.

Response: Ted Woods, CPA, 305 Main Street, Manchester, KY 40962

(2) Explain whether the outside accountant has any additional relationship with North Manchester Water.

Response: Mr. Woods is a current board member. It

(3) Explain whether this accountant acts as North Manchester Water's collection agent.

Response: No.

b. Provide any contract or documentation that explains duties of this outside accountant and how this outside accountant takes care of the accounts payable.

Response: There is no written contract detailing the scope of services.

- 6. Refer to North Manchester Water's response, Exhibit I.
- a. Provide the date when this Emergency Response Information was compiled.

Response: January 2020

b. Provide the date when this Emergency Response Information was updated.

Response: January 2021

7. Refer to North Manchester Water's Response. Provide an update for the recommendations and Orders given to all parties of Case No. 2019-00041 in the Commission's Order entered November 22, 2019, specifically those on pages 6, 7, and 8.

Response:

- 1. NMWA has identified areas to install zone meters and included in proposed projects for which NMWA is soliciting funding.
- 2. We have identified areas in the distribution system that needs more isolation valves and are installing them as we can afford.
- 3. NMWA is aware of the need to have specific employees that work directly on leak detection and have hired a new employee who s duty is specifically to look for leaks. Since his employment he has aided the repair of approximately 42 leaks. He has been employed since August 9, 2021.
- 4. NMWA has tested and replaced the required amount of 100 meters for the year.
- 5. NMWA has evaluated the need for a rate increase each year and determined the amount necessary.
- 6. NMWA has designated its office manager as responsible party for water loss and leak detection.
- 8. Refer to North Manchester Water's Response, Exhibit E. Explain whether North Manchester Water has evaluated its need for a base rate increase in reference to the findings in Exhibit E and its statement that it plans to solicit funding to replace aging infrastructure.

Response: NMWA has evaluated its rates and needs a base rate increase. The nmwa has identified specific projects of need and is currently soliciting funding for those projects. It has requested funding for the following projects: WX21051020, WX21051202, WX21051010.

9. Explain whether North Manchester Water has developed a written plan to improve the operations and financial health of the utility, and if so, provide the plan. Provide the Board minutes for the Board approval of the written plan to improve North Manchester Water's operations and financial health.

Response: NMWA has developed a written plan to improve the operations and financial health. The plan is currently being reviewed by the commissioners and should be approved at the December board meeting since the November meeting did not have a quorum. We will provide the plan after the board's approval.

10. Explain whether North Manchester Water has developed a written water loss detection plan, and if so, provide the plan.

Response: NMWA has developed a written water loss plan.

NMWA plans to continue to replace aged water meters. Make sure all large meters are calibrated and replace the old and ageing ones. The NMWA is evaluating its water loss tracking record keeping. We are working with our local fire departments to improve theirs and our record keeping. We are also trying to improve the way that we are keeping track of our system flushing. We are planning on installing zone meters throughout the system to help evaluate water loss. Therefore, we will be able to calculate water loss on a zoned basis. We have hired a new employee to help with leak detection and budget monies to help repair know problems areas. We have created a new program of leak repair. Once the leak has been identified, we enter a work order and our crews usually make repairs within 3 to 5 days of discovery. We are continuing to improve our water loss accounting and reporting.

11. Explain whether the written water loss detection plan, if one has been developed, accounts for sufficient personnel to staff the needs of the plan.

Response: The water loss plan includes the need and accounts for sufficient personnel needed to address the needs of the plan.

01561299.DOCX

North Manchester Water Assn 7361 North Hwy 421 Manchester KY

6065985403

City of Manchester Water and Sewer 207 Church Street Manchester, KY 40962

Attention: James Ed Garrison, Mayor

Please be advised that we have reviewed our October Water bill and it appears that based on the present and previous usage for the US 421 master meter calculations are not correct. The bill usage amount is **13,966,000** gallons but if you subtract the present meter reading of 94990500 from the previous meter reading of 94495400 it totals **495,100** gallons. Please review and advise.

Please note that we have reviewed the SR 638 master meter and SR 11 master meter gallons and billed amount and they are correct.

Thanks

Steve Davis

President

Exhibit 2 e(2)

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

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Date: 2-8-21 Time: 9:00 am Customer Name / Location: Route 11 Account Number: _____Location Number_____ Physical Address____ Route Number_____ Description of Work Needed Meter Relocation Special Instructions: repaired a 3/4" Meter Box Replacement service line with straight couplings Weter Lid Replacement Meter Reading Re-Check TLeak Repair Customer Assistance Other <u> Boulumant Isst</u> √ Unit ± <u>Leak Repair info</u> Unit 5 CAT Backings Unit 1 Unit 5 Pallure Type Unit 3 Service Unit 7 Air Compressor Unit 4 Unit 8 Duration Other 1 week Parts Used 2x 3/4" straight couplings Total - 302, 400 gallons Time Arrived at Location: 9:00 9m Worl: Order Commeted av Time Departed Location: ___ 11:30 am Date Work Completed: 2-9-21 Vehicle Mileage: ____

Date: 2-8-21 Time: 10:00 am

Customer Name / Location: 638 / Henrietta Bailey Account Number: _____Location Number_____ Route Number_____ Description of Work Needed Meter Relocation Special instructions: repaired 3/4" galvanized | Meter Sox Replacement line Meter Lid Replacement Meter Reading Re-Chack Leak Rapair Customer Assistance Cthar <u>Equipment Used</u> Vunita Units Vat Backings Leak Repair Info Unit 2 | Unit 5 Pallura Typa Unit 8 Unit 7 .Air Compressor Service Unit 4 Unit 8 Duration Other 1 hour Parts Used Total - 300 gallons 1 x galvanized shot off 5 foot 3/4" cts line Time Arrived at Location: Time Departed Location: Date Work Completed: Vehicle Mileage: _____

Date: 3-7-01	Time:			
Customer Name / Location:	In Front	of FCI	-	
Account Number: Physical Address		Location Air		the fee had by the total and the second
Physical Address				
Description of Work Needed		Nous	a Number	
☐ Mater Relocation	Special Ins	rtructions;	repaired	3/4" galvanized
Meter Box Replacement		e line		J.
☐ Meter Lid Replacement				
Meter Reading Re-Check				
Leak Repair				
Customer Assistance				
☐ Othar				
Equipment Used Unit 1 Unit 5 V Car a			Completed By	Lesk Repair Info
Unit 2 Unit 5 Unit 5	Packhos	JA DT		Fallure Type
Unit 3 Unit 7 Air Co	ompressor	LD		Service Duration
Oulei				2 months
arts Used		<u>-</u>		7641-1,296,000
1x galvanized wrap				
			/	
		Worl: Z/a	er Commissed	211
Ma Arrived at Location:	The state of the s			
me Arrived at Location: me Departed Location: rte Work Completed:		W. J.	1	

Date: <u>5-7-21</u>	me:					
Customer Name / Location:	In from	t of	FCI			
Account Number:Physical Address		Incario	- Nime			
Physical Address		:-ucario	: Number_			
Description of Work Needed			doute Num	ber		******
Meter Relocation	Special I	nstruction	repa	ired	9 3/4"	tap
Meter Box Replacement	on	6 inch	main			The state of the s
☐ Weter Lid Replacement						
Meter Reading Re-Check						
Leak Repair						-
Customer Assistance						-
Other					The state of the s	The state of the s
Unit 1 Unit 5 V CAT Bed	ikeo s	IJ	2/% Comp.	ataú SY	Leak Repair Fallura Type	
Unite 3 Unite 7 Air Com	prassor	D 10	<u> </u>	-	Main	
Unit 4 Unit 8 Other_		10 N			Duration 30 mins	5
uris Used		-			GPW _ 60	*********
6" saddle					Total-1800	991 lons
3 foot piece cts line 1x 3/411 galvanized to cts						
y 9/4" galvanized to cts						
ne Arrived at Location: ne Departed Location:	NA of commentant	Work.	Çiylər Com	ipiete z o	(4)	
te Work Completed:			lish -	Thomas 12		
nicle iMileage:		1/0	/	1000		

Account Number	Jacksons/ Price Hollow
Physical Addis	Location Number
,	Route Number
Description of Work Needed Meter Relocation Nieter Box Replacement	Special Instructions: repaired 6 inch main
Meter Lid Replacement	
☐ Meter Reading Re-Check ✓ Leak Repair	
Customer Assistance Other	
Equilibriant User Unit 1 Unit 5 CAT 8 Unit 2 Unit 6 Unit 9 Unit 7 Air Goi Unit 4 Unit 8 Other	Impressor LD Duration PT A hours (120)
Parts Used 2x Ginch Hymax 1 piece 6 foot 6" pipe	19'000
Time Arrived at Location: Time Departed Location: Date Work Completed: Vehicle Willeage:	Work Spar Congleted and

Date: 4-15-21	Time:	
Customer Name / Location:	Stevers Road	
Account Number:	Location Number	
Physical Address	-odation Number	
Description of Work Needed	Route Number	
	Special Instructions: repaired I" line	*******
ivieter Lid Replacement		
Meter Reading Re-Check Leak Repair Customer Assistance Other		
Parts Used	Displication Leak Repair Info Service Duration 6 hours Gant Completed SY Leak Repair Info Service Duration 6 hours Gant 50 Total - 18,000	
Time Arrived at Location: Time Departed Location: Date Work Completed: Vehicle Milesge:	Worl: Oxfer Completed on:	

Date: 4-15-21	Time:
Customer Name / Location: Account Number:	Sester Hollow
Physical Address Description of Work Needed	Location NumberRoute Number
☐ Meter Relocation ☐ Meter Box Replacement ☐ Meter Lid Replacement	Special Instructions: repaired 3/4" Service
Meter Reading Re-Check Leak Repair Customer Assistance	
Other Equipment Used Unit 1 Unit 5 V CAT Ba Unit 2 Unit 6 Unit 7 Air Com Unit 4 Unit 8 Other_	mpressor DD Fallure Type Service Duration
Parts Used [X 3/4" Cts wrap	3 days GPIVI 45 Total - 1941, 400
Time Arrived at Location: Time Departed Location: Date Work Completed: Vehicle Mileags:	Waster Cottolered over the Springer for another springer favilled and for the springer for

Date: 4-30-21 Time: Customer Name / Location: Lot Beside Dirt Road Account Number: _____Location Number_____ Physical Address____ Route Number_____ Description of Work Needed Meter Relocation Special Instructions: repaired 1" cts Meter Box Replacement Meter Lid Replacement Meter Reading Re-Check Leak Repair Customer Assistance Other <u>Equipment Lised</u> Mort Completed 31 Leak Repair info Unitit Unit 5 CAT Backing s Unit 2 Unit 3 Pallura Twos Unit 3 Service Unit 7 Air Compressor Unit 4 Duration Unit 8 Other__ 2 months GPM 5 Parts Used Total-432,000 /x /" Vrap Time Arrived at Location: Time Departed Location: Date Work Completed: _____ Vehicle Mileage: _____

Date: 4-30-21 Til	me:
Customer Name / Location:	Pine Hill Rd
Account Number:	Location Number
Marie and Andreas	Route Number
Description of Work Needed	
Meter Relocation	Special Instructions: repaired /" cts
☐ Meter Box Replacement	
ivieter Lid Replacement	
Meter Reading Re-Check	
Leak Rapair	
Customer Assistance	
Other	
Equipment Lised Unit 1 Unit 5 CAT 8s Unit 2 Unit 5 CAT 8s Unit 2 Unit 7 Air Cor Unit 4 Unit 8 Other Parts Used Ix straight coupling Ix wrap 2x 3/4" nipples	Idianic Completed 84 Leak Repair Info Schools Jack Repair Info Service Duration In Imonth Grid 15 John 15 John 15
ax pighails	
Time Arrived at Location: Time Departed Location: Date Work Completed: Vehicle Willesge:	Jose farison, famon porder

	Time: \$:00 pm
Customer Name / Location: Account Number:	Jacks Branch / Creek Crossing
Physical Address	Location NumberRoute Number
Description of Work Needed Meter Relocation Meter Box Replacement	Special Instructions: repaired a 3/4" service
Meter Lid Replacement Meter Seading Re-Check	line
Leak Repair Customer Assistance Other	
Equipment Used Unite 3 Unite 2 Unite 3 Unite 3 Unite 4 Unite 8 Unite 8 Other	ODJ Service Duration A4 hours
Paris Used [X 3/4" cts wrap [X 3/4" straight coupling	Total-57,600 gallons
Time Arrived at Location: 1:30 per Time Departed Location: 8:00 per Date Work Completed: 3-1-21 Vehicle Willesgs:	m futt- Im plan famon Jordan

Date: 3-2-21	Time: 3:00 pm	
Customer Name / Location:	Thomas Branch	
Account Number:	Location Number	The same of the sa
Physical Address		
Description of Work Needed	Route Number	
Meter Relocation	Special Instructions: repaired	1.11
☐ Metar Box Replacament	Feeding thomas Brand	both 1" lines
☐ Weter Lid Replacement	teeding thomas Brand	
Meter Reading Re-Check		
Leak Rapair	(Am + 1) (Am	
Customer Assistance		
Cthar		
<u>āculum and Lisad</u>		
7 . In the s	idi 200 Controllatesi 37°	Leak Repair into
Unite 2 Unite 5		Fallura Tyge
Unit 4 Unit 8 Air Cont	DA	Duration
		1 day
Parts Used		75
4x 1" cts waps		Total - 108,000 gallons
Time Arrived at Location:		
Time Departed Location: Date Work Completed:		
/ehide Milesgs:	Justi hogy 2	long from flow
	100 //1 //	1/1
	Jan parisson I fam	ion forder
	2	

Date: 3-2-21	Time: 19:30 am	
Customer Name / Location: Account Number: Physical Address	Location Number	
Description of Work Needed Meter Relocation Meter Sox Replacement	Special instructions: rerouted with Leaking Service	a creek crossing
☐ Meter Lid Replacement ☐ Meter Reading Re-Check ☐ Leak Repair ☐ Customer Assistance		
Cthsr Equipment Used Unit 3 Unit 5 Unit 9 Unit 4 Unit 8 Other		Estima Type Service Duration
Faris Used 50 foot roll of 3/4 1x 3/4" Tee 1x 3/4" straight coupling 1x 3/4" sto wap	" cts line	2 days 60 Total-172,800 gallons
ima Andved at Location: Ime Departed Location: ate Work Completed: ehicle Milesga:	futor Thompson	

Customer Name / Location: Account Number: Physical Address		cation Nu:	nber	
Description of Work Needed	Special Institu	cilons: _#	Number Re-laid 9 Road we	"Main
Guiumant Use! Unit 3 Unit 5 V CAT Basi Unit 2 Unit 5 Unit 7 Air Comp Unit 4 Unit 8 Other Ma	**************************************		PROPISORS BY	Leak Repair info Fallure Type Duration
ts Used On 400 + feef 4" Pv Arrived at Location: Departed Location:			pling, pipe	COMPUINS.



Date: 3-23-21 Time: 2:15 pm Customer Name / Location: Bales Creek Account Number: ______Location Number_____ Physical Address_ Route Number_____ Description of Work Needed Meter Relocation Special Instructions: 3/4 inch service line leaking Meter 80x Replacament right off the cork stop Meter Lld Replacement Meter Reading Re-Chack Leak Rapair Customer Assistance Othar <u>Equipment Used</u> Units V CAT Backings Lesk Repair info Pallura Type Unit 3 Unit 7 Áir Comprassor Service Unit 4 Unit 8 Other 2 weeks Parts Used Total-1,209,600 gallons ax stiffners a foot piece 3/4 inch ato line Time Arrived at Location: 1:00 pm Time Departed Location: 2/5 Date Work Completed: 3-23-21 Vehicle Mileags: ____

Date: <u>/-27-21</u> Time.	?
Customer Name / Location:	7 7
Account Number:	Location Number
Physical Address	Route Number
Description of Work Needed	
Meter Relocation Sp	pecial instructions;
Meter Box Replacement	
Meter Lid Replacement	
Meter Reading Re-Chack	
Leak Repair	
Customer Assistance	
Other	
Equipment Used	<u>Morit Completed BY</u> Leak Repair Info
Unit 1 Unit 5 CAT Backi Unit 2 Unit 6 Unit 3 Unit 7 Air Compr Unit 4 Unit 8 Other	Fallure Type Service Duration A days GRM 3
Paris Used 1 x galvanized to Cts coup A fact cts line Meter Box, Meter Lid setter	Total - 8,640
Time Arrived at Location:	Work Order Completed by: Justin Thompson, Jonathor Hamm



Customer Name / Location: Bill Warren Account Number:Location Number_ Physical AddressRoute Number_ Description of Work Needed Meter Relocation Special Instructions: replaced leaking settle	
Physical Address Route Number Description of Work Needed Meter Relocation Special Instructions: Ceplaced Lands and the second	
Description of Work Needed Meter Relocation Special Instructions: Ceplaced Lank's and the second se	
Meter Relocation Special Instructions: Ceplaced Land	
- rectal districtions: replaced land	
1 5915/10 307/17	er
Weter Box Replacement	Martin Company
Meter Lid Replacement	-
Meter Reading Re-Check	Military .
Leak Rapair	
Customer Assistance	-
Other	
Equipment Used Work Completed SY Leak Repair Info	
Unit 1 Unit 5 CAT Backhos A	
Unit 3 Unit 7 Air Compressor LO Duration Unit 4 Unit 8 Other Of Air Compressor LO Duration	
Unit 4 Unit 8 Other Duration	
GPM 10	
Parts Used / X New setter Total-432,000	99/100
00 3 foot/"cts line	U mon:
1x 1"cts wrap	
Time Arrived at Location: 8:00 am Work Only Completed by:	. /
Time Departed Location: 12:00 pm	1/
Pahicle Mileage: flatin Mompson, longthon Ho	ner

Date: 1-26-21 Time: 7:30 am Customer Name / Location: Fox Hollow Main / 6 inch Account Number: _____Location Number_____ Physical Address Route Number Route Number Description of Work Needed Meter Relocation Special Instructions: repaired 6 inch main Meter Box Replacement with 2 foot band clamp Meter Lid Replacement Meter Reading Re-Check Leak Repair Customer Assistance Other <u>Equipment Used</u> Work Completed SY Leak Repair Info Unit 5 V CAT Backhos Unit: 1 Failure Type Unit 2 Unit 6 Unit 3 Air Compressor Unit 7 Duration Unit 4 Unit 8 Other 12 hours GPIM 60 Parits Lised Total - 43,200 a foot band clamp Time Arrived at Location: 8:00 am work Org**∕r** Completed ويرو Time Departed Location: <u>a:30 pm</u> Janathon Alme Date Work Completed: 1-26-21 Vehicle Mileage:

Date: 1. 1-26-21 Time:	4:00 pm
Customer Name / Location: Terri	Sams
Account Number: 165521	Location Number
Physical Address /2855 N	Huy & Route Number
Description of Work Needed	The state of the s
Meter Relocation Specia	Instructions: (Coaice) - 14
Meter Box Replacement 3/	Instructions: repaired a split in
Meter Lid Replacement	The state of the s
Meter Reading Re-Check	
Leak Repair	
Customer Assistance	
Other	
Equipment Used	
Unit 1 Unit 5 V CAT Backhos	<u>Morit Completed BY Leak Repair Info</u>
Unit 2 Unit 6	24 Fallure Type Service
Unit 4 Unit 7 Air Compresso Unit 4 Unit 8 Other	Duration Customer, 3 days
	Data GPM 10
Parts Used	Total - 43,200
2 x 3/4" straight coupling 3 foot 3/4" cts line	
Time desired as 1 11.00	
Time Arrived at Location: 4:00 pm Time Departed Location: 5:00 pm	Work Out & Completed by:
Date Work Completed: 1-21-21	Justin Thompson Tourston Sha
Vehicle Mileage:	The same of the sa

Exhibit 6a

Exhibit 6(e)

NORTH MANCHESTER WATER ASSOCIATION

7361 North Highway 421 Manchester, KY 40962 Phone: (606) 598-5403

EMERGENCY RESPONSE INFORMATION REVISED 11/11/2021

POSITION	NAME	PHONE NUMBER
OFFICE		(606) 598-5403
FIELD	Bill Gray	(606) 681-6153
OFFICE	Rose Lewis	(606) 594-8671

LOCAL EMERGENCY NUMBERS			
AMBULANCE		911	
FIRE DEPT		911	
POLICE DEPT		911	
RECUE SQUARD		911	
STATE POLICE		911	
SHERIFF		911	
MAYOR	James Garrison	(606) 598-6403	
CITY MANAGER	Mike White	(606) 813-8480	
WATER PLANT	Josh Murphy	(606) 813-7050	
EMERGENCY MANG DIR	David Watson	(606) 598-5104	
RADIO STATION	WTBK	(606) 598-7588	
TV STATION	WYMT (Hazard)	(606) 439-5757	
	WKTY (Lexington)	(859) 299-2727	

STATE GOVERNMENT EMERGENCY NUMBERS				
*EMERGENCY RESPONSE TEAM		(502) 564-3350		
24 HOUR RESPONSE		(502) 564-2380		
DIVISION OF EMERGENCY SERVICES				
24 HR RESPONSE		(502) 564-7815		
*DIVISION OF WATER		(502) 564-3410		
REGIONAL OFFICE	Beth Trent	(606) 330-2080		
BOIL WATER ADV-WEEK	REGIONAL OFFICE	(606) 330-2080		
BOIL WATER ADV-WEEKENDS	(LOG Incident Number)	(800) 928-2380		
CERTIFIED LABORATORY	Applachian States	(606) 437-5616		
FEDERAL GOVERNMENT NUMBERS				
*EPA-HAZARDOUS EMERGENCÝ				
	BRANCH	(404) 881-3931		
	24 HR RESPONSE	(404) 881-4062		
*NATIONAL RESPNSE CTR.		(800) 424-8802		
*COAST GUARD		(502) 582-5194		

^{*}Agencies concerned with chemical spills.

COMMONWEALTH OF KENTUCKY BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:		
ELECTRONIC INVESTIGATION INTO EXCESSIVE WATER LOSS BY KENTUCKY'S JURISDICTIONAL WATER UTILITIES)	CASE NO. 2019-00041

CERTIFICATION OF RESPONSES TO COMMISSION STAFF'S SECOND REQUEST FOR INFORMATION

This is to certify that I have supervised the preparation of North Manchester Water Association's ("NMWA"),responses to the Commission Staff's Second Request for Information and that the responses are true and accurate to the best of my knowledge, information, and belief after reasonable inquiry.

Date: \\ /\2 / Z\

Rose Lewis, NMWA Manager

DR