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MAR 28 2025

PUBLIC SERVICE COMMISSION

March 28, 2025

Linda Bridwell, P.E. Executive Director Public Service Commission 211 Sower Boulevard Frankfort, Kentucky 40602-0615

RE: Case # 2025-00050

Dear Ms. Bridwell:

The Northern Kentucky Water District hereby submits the enclosed response to Commission Staff's Request for Information. If you have any further questions or need additional information, please feel free to contact me.

Respectfully Submitted,

Tom Edge, Esq. (KBA #95534)

General Counsel

Director of Compliance, Communications and Regulatory Affairs

Phone - 859-578-5457

Email: tedge@nkywater.org

enclosure

cc: Ron's Food Mart Covington, 322 Greenup Street, Covington, Kentucky 41011

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In	the	Matter	of•	
111	uic	Matter	OI.	

RON'S FOOD MART COVINGTON)) CASE NO. 2025-00050
COMPLAINANT) CASE NO. 2025-00050
V.)
NORTHERN KENTUCKY WATER DISTRICT)
DEFENDANT))

RESPONSE TO COMMISSION STAFF'S REQUEST FOR INFORMATION

Comes now the Northern Kentucky Water District ("NKWD") and submits its responses to the Commission Staff's Request for Information dated March 21, 2025.

RESPECTFULLY SUBMITTED:

Tom Edge, Esq. (KBA #95534)

General Counsel

Cassandra Zoda, Esq. (KBA #96871)

Contracts, Claims and Procurement Coordinator

Northern Kentucky Water District

2835 Crescent Springs Rd.

Erlanger, KY 41018

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Counsel for Northern Kentucky Water District

CERTIFICATE OF SERVICE

In accordance with 807 KAR 5:001, Section 8, I certify that this document was submitted electronically to the Public Service Commission on March 28, 2025 and a copy mailed to Ron's Food Mart Covington by U.S. Postal Service, First-Class Mail, at 332 Greenup Street, Covington, Kentucky 41011.

Tom Edge, Esq. (KBA #95534)

NORTHERN KENTUCKY WATER DISTRICT

Response to Commission Staff's First Request for Information

CASE NO. 2025-00007

WITNESS - Kyle Ryan, Engineering Manager - Design & Construction

Q.1. Provide copies of all records for the years 2020 through 2025 concerning installation, removal, replacement, repair, and maintenance of all water lines within a one block radius to Ron's Food Mart Covington, 332 Greenup Street, Covington, Kentucky 41011, to include date and cause of any line breaks, length of leak or rupture, date of repair, complaints arising therefrom, and any property damage alleged to have arisen as a result of the work.

A.1. NKWD submits the following exhibits as requested:

Exhibit A	Pipe Detail Reports, Pipe Numbers 161, 71, 172, 74
Exhibit B	Valve Detail Reports
Exhibit C	Water Main Work Order 07-01644
Exhibit D	Water Valve Work Order 19-00332
Exhibit E	Water Main Work Order 20-09433
Exhibit F	Water Main Work Order 20-08653
Exhibit G	Water Main Work Order 24-02408
Exhibit H	Water Main Work Order 24-08974

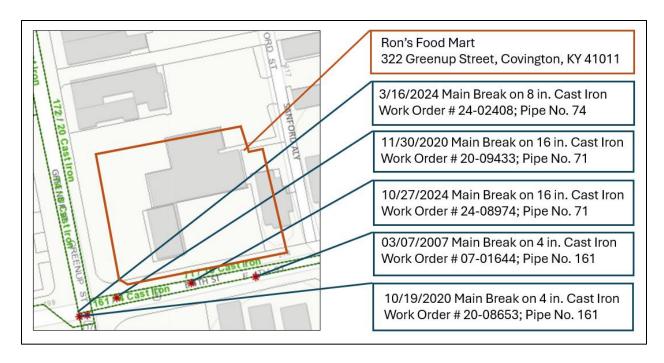
For context, NKWD states that it has 1,330 miles of water main in its area of sizes varying from 2 inches to 60-inch large transmission lines. NKWD routinely flushes lines, test hydrants and turns valves in accordance with Kentucky Administrative Regulation and the deviation granted by the Public Service Commission in Case Number 2016-00427.

Water mains are installed by connecting 18-to-20-foot length pipes together. As tracking each individual pipe is impractical, NKWD groups them into segments of various lengths based on a variety of geographical and physical factors including installation date. Those segments are assigned "Pipe Numbers" for ease of tracking and management in our work order database and water main replacement program.

NKWD maintains a water main replacement program and model wherein all mains are evaluated for replacement and updated at least annually based on information as it is updated into NKWD databases. Using several factors including age, size, material, number of breaks & leaks, soil corrosivity, discolored water complaints, blowoff utilization, available flow, road class, service to critical customers, and if there are planned roadway improvements, the model scores each main and assigns it a priority level for replacement (high, medium, low). Using the model prioritization results, projects are developed and selected by the NKWD engineering department using their professional judgment in consideration of the totality of the circumstances including budget and project viability to be placed in NKWD's five-year capital budget for design and construction.

In the block surrounding Complainant's property, commonly located at 332 Greenup Street in downtown Covington, Kentucky, NKWD has four different water mains within the right-of-way that abuts this property as indicated in the map below. These lines include 16-inch cast iron transmission main and 4-inch cast iron water main running east to west in front of the premises along East 4th Street and a 20-inch cast iron transmission main and 8-inch water main running north to south adjacent to the premises along Greenup Street.

For the convenience of the Commission in reviewing the aforementioned records, NKWD has mapped the mains and labeled the location of each break that has occurred since 1997:



Please note the marked locations on the map are as indicated by the field crew that responded. In the map above, there is approximately 74 feet between where the 2020 water main break occurred and the 2024 water main break. Accordingly, these breaks while segmented together as the same "Pipe Number" occurred on two different pieces of pipe.

Pipe Number 71, which is the segment of pipe where both the 2020 water main break and the 2024 water main breaks occurred, was listed prior to the 2024 water main break as a medium priority for replacement in our water main replacement program model. At the next update to the water main replacement program model after the 2024 water main break, Pipe Number 71 had elevated to high priority water main for replacement. With that designation, it has a better chance of being included in NKWD's five-year capital budget for replacement in the next few years assuming other water main breaks, leaks, discolored water complaints, or planned roadway improvements do not result in a substantial number of other water main's score exceeding this particular water main's score.

NKWD would state that in most instances, there is no specific reason for water main breaks but generally it is the result of multiple factors primarily involving specific material and environmental conditions. As to the two main breaks Complainant outlines in his Complaint (the 2020 and 2024 water main breaks on Pipe No. 71), NKWD is not aware of any other complaints about those respective main breaks or damage to any other property. Additional information regarding each water main break and the related work is included in the aforementioned Exhibits.



EXHIBIT A

Pipe Detail Report

3/24/2025 2:01 PM

Pipe Rec #: 84 Pipe Number: 161 From End Type: Node Node To End Type:

From End: 1070 1093 To End:

of Services:

Status:

Domestic (Unconfirmed)

Address:

Diameter: Material:

4.00 Cast Iron Wrap: **Corrosion Control:** No, Unwrapped

Length (ft): Manufacturer: Pressure Class: 250.52

Surface: Location: Maint Zone:

Owner:

N. KY Water District

C Value: C Value Source:

Lining:

Unlined

Managed By:

COVINGTON

Fixed Asset ID:

Plant ID Entering:

System:

Pressure Zone:

Gravity System FTTP

Plant ID Leaving:

General Location:

209 E 4TH COVINGTON, KY 41011

Project Number: Benefit District #: Elevation (ft): Alt Elevation (ft):

Map Number:

C-016-1

Date Installed:

1/1/1905

Alt Map Number:

GIS Sub Type:

Depth:

Construction

Replacement Value: Replacement Date:

Consequence of Failure: Probability of Failure:

Mitigation:

1.00

Present Value: Remaining Life:

Risk:

0.00

Replacement Cost:

Dated Reported:	Break No:	Exterior Condition:	Soil Condition:	Break Type:
3/2/2007	07/01043	Fair	No, Unwrapped	Longitudinal
11/3/2020	20/04980	Fair	No, Unwrapped	Longitudinal

Route ID:

Last Flushed Date:

No WO/PM/Req: □

Default WO Cat:

Work Orders Work Order:	Main Task:	Problem:	Status:	Status Date:	Start Date:	End Date: Compl Date:
20-08654	RESTORATION -	Main Break 20/04980	Complete	1/19/2021	11/3/2020	1/8/2021
20-08653	MISCELLANEOUS MAIN BREAK	Main Break 20/04980	Complete	11/3/2020	10/17/2020	10/19/2020
07-01645	RESTORATION -	Main Break 07/01643	Complete	4/2/2007	3/9/2007	3/29/2007
07-01644	MISCELLANEOUS MAIN BREAK	Main Break <mark>0つ/01043</mark>	Complete	3/7/2007	3/2/2007	3/2/2007

١	Requests						
١	Status Date:	Status:	Request #:	Problem:	Cause:	<u>Name 1:</u>	Business:
١	11/3/2020	WO Completed	20/04980	Main Break		EDDIE	

Pipe Detail	3/24/2025 2:01 PM					
Joint Type:			#	Services:	4.00	
Soil Type:			U	ser 8:	0.00	
Age Confidence:	Plus or minus 5	yrs	U	ser 9:		
County:	KENTON		С	lean-Line Date:		
Size Confidence:			Α	bandon Date:		
User 6:			G	PS Date:		
Tracing Wire:		Critical Pipe:		Raw Wa	iter:	

Tracing Wire: Critical Pipe: /Covington/C-001-C-100 pdf/C-016.pdf **WO Comment:**

Pipe Detail Report

3/24/2025 2:01 PM

Pipe Rec #: 45 71 Pipe Number:

From End Type: To End Type:

Node Node From End: 1090

of Services:

Status: Domestic (Unconfirmed) To End:

No, Unwrapped

1049

Address:

Length (ft): Manufacturer:

C Value:

Diameter: Material:

16.00 Cast Iron 266.57

Wrap: **Corrosion Control:**

Surface:

Location: Maint Zone:

Owner: Managed By:

N. KY Water District

C Value Source:

Pressure Class:

Lining: Unlined

System: Pressure Zone:

COVINGTON **Gravity System FTTP**

Fixed Asset ID: Plant ID Entering: Plant ID Leaving:

General Location:

202 E 4TH COVINGTON, KY 41011

Project Number: Benefit District #: Elevation (ft): Alt Elevation (ft):

Map Number:

C-016-1

Date Installed: GIS Sub Type:

1/1/1880

Alt Map Number:

Depth:

Construction

Replacement Value: Replacement Date:

Consequence of Failure: Probability of Failure:

Mitigation:

1.00

Present Value: Remaining Life:

Risk:

0.00

Replacement Cost:

inbreaks				
Dated Reported:	Break No:	Exterior Condition:	Soil Condition:	Break Type:
12/8/2020	20/05704	Good	No, Unwrapped	Blowout
11/5/2024	24/05761	Poor	No, Unwrapped	Blowout

Route ID:

Last Flushed Date:

Default WO Cat: No WO/PM/Req: □

Work Orders Work Order:	Main Task:	Problem:	Status:	Status Date:	Start Date:	End Date: Compl Date:
H-20448	MAIN BREAK		Complete	12/31/2000	12/30/2000	12/31/2000
20-09433	MAIN BREAK	Main Break 20/05704	Complete	12/8/2020	11/30/2020	12/1/2020
20-09434	RESTORATION -	Main Break 20 105704	Complete	2/3/2021	12/1/2020	1/27/2021
24-08974	MISCELLANEOUS MAIN BREAK	Main Break 24/0576	Complete	11/5/2024	10/27/2024	10/27/2024
24-08975	RESTORATION -	Main Break 24/05761	Complete	2/24/2025	11/5/2024	1/3/2025
	MISCELLANEOUS					

Requests						
Status Date:	Status:	Request #:	Problem:	Cause:	<u>Name 1:</u>	Business:
12/8/2020	WO Completed	20/05704	Main Break		DAVID	

Pipe Detail	Report					 3/24/2025 2:01 PM
Joint Type:			# :	Services:	3.00	
Soil Type:			Üs	ser 8:	0.00	
Age Confidence:	Plus or minus	5 yrs	Us	ser 9:		
County:	KENTON		CI	ean-Line Date:		
Size Confidence:			At	oandon Date:		
User 6:			GI	PS Date:		
Tracing Wire:		Critical Pipe:		Raw Wat	ter:	

/Covington/C-001-C-100 pdf/C-016.pdf

WO Comment:

Pipe Detail Report 3/24/2025 2:01 PM From End: 1090 Pipe Rec #: 95 From End Type: Node 12902 To End: Pipe Number: 172 To End Type: Node # of Services: Status: Domestic (Unconfirmed) Address: No, Unwrapped 20.00 Diameter: Wrap: **Corrosion Control:** Material: Cast Iron 436.03 Surface: Length (ft): Location: Manufacturer: Pressure Class: Maint Zone: N. KY Water District Owner: C Value: C Value Source: Managed By: Unlined System: COVINGTON Lining: **Gravity System FTTP** Pressure Zone: **Fixed Asset ID:** Plant ID Entering: Plant ID Leaving: 302 **GREENUP** COVINGTON, KY 41011 **General Location:** Elevation (ft): **Project Number:** Benefit District #: Alt Elevation (ft): Date Installed: 1/1/1875 C-363 Map Number: GIS Sub Type: Alt Map Number: Depth: Construction Consequence of Failure: Replacement Value: Probability of Failure: Replacement Date: Mitigation: 1.00 Present Value: Remaining Life: Risk: Replacement Cost: Last Flushed Date: Route ID: **Default WO Cat:** No WO/PM/Req: □ 9.00 # Services: Joint Type:

User 8:

User 9:

Clean-Line Date:

Raw Water:

Abandon Date:

GPS Date:

Soil Type:

County:

User 6:

Age Confidence:

Size Confidence:

Tracing Wire:

WO Comment:

Plus or minus 5 yrs

Critical Pipe:

/Covington/C-301-C-400 pdf/C-363.pdf

KENTON

0.00

Pipe Detail	Report						3/24/20 2:01 F
Pipe Rec #: 48 Pipe Number: 7 # of Services: Address:	4 ✓	From End To End Ty Status:		de	ed)	From En To End:	d: 1093 1032
Diameter: Material: Length (ft): Manufacturer: Pressure Class: C Value: C Value Source: Lining: Fixed Asset ID: Plant ID Entering				Surface Location Maint Zo Owner: Manage System	on Control: : n: one: d By:	No, Unwrap N. KY Wate COVINGTO Gravity Sys	r District
General Location Project Number: Benefit District # Map Number: Alt Map Number: Depth:	: C-363	JP COVINGTO	N, KY 41011	Elevation	ation (ft): stalled:	1/1/1885	
Construction Replacement Val Replacement Da Present Value: Remaining Life:			Proba Mitiga Risk:	bility of F	1.0	00	
Mainbreaks <u>Dated Repo</u> 3/29/2024	<u>ted:</u> <u>Break N</u> 24/0145		Exterior Cor Fair	dition:	Soil Condition		Break Type: Joint
Route ID: Default WO Cat:				lushed D			
Work Orders Work Order: H-21715	Main Task: MISC MAIN LEAKS		Co	itus: mplete	Status Date 4/20/2001	Start Date 4/20/2001	e: End Date: Compl Dat 4/20/2001
24-02410	(JOINTS ETC) RESTORATION - MISCELLANEOUS	24/01452 Main Break	Co 2	mplete	5/8/2024	3/26/2024	
24-02408	MAIN BREAK	Main Break	Со	mplete	3/26/2024	3/16/2024	3/16/2024
Joint Type: Soil Type: Age Confidence: County: Size Confidence: User 6:	KENTON				Line Date: on Date: ate:	1.00 0.00	
Tracing Wire: WO Comment:	☐ /Covington/C-30°	Critical Pipe: 1-C-400 pdf/C-36			Raw Water:		



EXHIBIT B

										2.121	- //
Valve Numb	er:	C006				Operating Status	:				
Address:		325	GREENUP	ST					Sys Valve F	Rec #: 29,0	21
Туре		Gate	w 20			Size: 8.00					
Classification	on:	Main				nd Type:					
Access:		Valve				apping:					
System:		COVI	INGTON			perator Type:	Open				
Manufactur						irection To Oper					
Model Num		0000				urns to Open:	25.00		Isolatio		
Serial Numb		C006	57			Oper Nut Size(in):		0	laaluulaa 7		Ε
Project Number		74				Oper Depth (ft):	3.00	C	lockwise T	tly Open:	
Project Nun Owned By:	nber:					ixed Asset ID:				nt Valve:	E
Managed by	y:					ixeu Asset iD.			Norma	lly Open:	
	··								C	Operable:	
Location General Loc											
					Flave4!a	(f4).		X Coordinate	. 450740	04.04744004	
In Easemen Map Numbe		False C-36	50		Elevation	ation (ft):		Y Coordinate		91.91744894 1.37935577	ř.
Alt Map Nur		U-30.	3		GPS Da	2 02		GPS Located		1.37833311	
Pressure Zo					GPS So			Or 5 Located	a. I alse		
Facility:					GIS Sub	Туре:					
Construction	on		***************************************								
Replacemen	nt Value:					Consequence of	Failure:				
Replacemen						Probability of Fa	ilure:				
Present Val	ue:					Mitigation:	1.	00			
Remaining	Life:					Risk:					
						Replacement Co	st:				
Inspections			_	5 2 50 5			4		· ·		
Last Inspec			Gene	ral Conditio		47	1,000,000	Exercised D			
Inspection	Frequenc	y:		Ĭ	lext Inspe		Turr	s to Exercise):		
Route ID:					Last E	xercised Date:					
Default WO	Cat:					No WO/PM/	/Req: □				_
Work Orde		in Tas	sk:	Problem:		Status:	Status Date	e: Start Date:	End Date:	Compl Dat	e
19-07447			PERATED	Main Break	19/0554	Complete	8/6/2019	8/1/2019	8/1/2019		_
20-04083			NSPECTION			ra Complete	8/20/2020				
20-08655	VA	LVE C	PERATED			Complete	11/3/2020	10/18/2020	10/18/2020	(10/18/2020	,
21-00703			PERATED	Main Break	21/0040	Complete	1/22/2021	1/16/2021		1/16/2021	
22-04322			PERATED		-	Complete	6/14/2022	5/25/2022		5/25/2022	
24-02409			PERATED			Complete	3/26/2024	3/15/2024	3/15/2024	3/15/2024	
24-02515			PERATED			er Complete	3/28/2024	3/13/2024	3/13/2024	3/13/2024	
24-03656	VA	LVE II	NSPECTION	Valve Inspe	ction Prog	ra Complete	5/13/2024		310 ATTAC (C-0.010 Seeb): 8		
											-
User 1:		Disal				H-Component:					
Set-In:		Black	кюр			Cast Date:					
Symbol: Work Done	•%					Jser 9: First Located:					
County:	•	KEN.	TON			-irst Located: Work Completed:					
Cross Stree	at.	PAR				work Completed: GPS Date:					
User 13:	, i.		M. F	Duna	ıss?:		GIS	S Disc:			
	ont.			Бура	1331.	Ц	GI.	J 130.	Ц		
WO Comme	ent:										

System Val	ve Detail Report			3/24/2025 2:12 PM
Valve Number:	C00657	Operating Status:		
User 16:		User 26:	User 36:	
User 17:		User 27:	User 37:	
User 18:		User 28:	User 38:	
User 19:		User 29:	User 39:	
User 20:		User 30:	User 40:	
User 21:		User 31:		
User 22:		User 32:		
User 23:		User 33:		
User 24:		User 34:		
User 25:		User 35:		

							2:12	? PM
Valve Number:	C00361		Operating Status	:				
Address:	0 4TH ST				5	Sys Valve F	Rec #: 253	3
Type Classification:	Gate Main Line		Size: 4.00 End Type:					
Access:	Valve Box		Tapping:					
System:	COVINGTON		Operator Type:	Open				
Manufacturer:	COVINCTON		Direction To Oper	-				
Model Number:			Turns to Open:	13.00		Isolatio	n Valve:	M
Serial Number:	C00361		Oper Nut Size(in):				Active:	
Pipe Number:	161		Oper Depth (ft):	0.00	С	lockwise T	o Close:	
Project Number:			Installation Date:			Current	ly Open:	
Owned By:			Fixed Asset ID:				nt Valve:	
Managed by:							ly Open: perable:	
Location							рставісі	
General Location	n:							
In Easement:	False	Eleva	ation (ft):		X Coordinate	e: 156726	9.6535139	94
Map Number:	C-016-1		levation (ft):	32	Y Coordinate	e: 578252	.15034352	2
Alt Map Number		GPS	Date:	9	GPS Located	d: False		
Pressure Zone:	Gravity System FT	TP GPS	Source:					
Facility:	N. Ky. Water Distri	ict GIS S	Sub Type:					
Construction	•4							
Replacement Va			Consequence of					
Replacement Da	ite:		Probability of Fa					
Present Value:			Mitigation:	1.0				
Remaining Life:			Risk:	0.0	00			
			Replacement Co	st: 			***************************************	
Inspections						and as a		
Last Inspection:	170.2.000	ral Condition:		TO THE STATE OF TH	Exercised D			
Inspection Frequency	uency:		spection:	Turns	s to Exercise	ð:		
Route ID:		Las	t Exercised Date:					
Default WO Cat:			No WO/PM/	/Req: □	5			
Work Orders: Work Order:	Main Task:	Problem:	Status:		Start Date:		Compl Da	ate:
H-12194	VALVE TURN PART	***************************************	Complete	1/15/1999	1/15/1999	1/15/1999	***************************************	
20-08655	OF WORK ORDER VALVE OPERATED	Main Break	Complete	11/3/2020	10/18/2020	10/18/2020	10/18/202	20
22-04322	VALVE OPERATED	Main Break 22/02		6/14/2022	5/25/2022	5/25/2022		
24-02409	VALVE OPERATED	Main Break >\/o	A STATE OF THE STA	3/26/2024	3/15/2024	3/15/2024		
24-02515	VALVE OPERATED	Install 1-1/2" Wate	r Ser Complete	3/28/2024	3/13/2024	3/13/2024		
24-03656	VALVE INSPECTION	Valve Inspection P	rogra Complete	5/13/2024				
			LI Componenti	228509.0	00			
User 1: Set-In:	Blacktop		H-Component: Cast Date:	220009.0	,,			
Symbol:	Committed Valve		User 9:					
Work Done:	1		First Located:					
County:	KENTON		Work Completed:					
Cross Street:			GPS Date:					
User 13:		Bypass?:		GIS	Disc:			
WO Comment:								
-								

System Val	ve Detail Repor	t		3/24/2025 2:12 PM
Valve Number:	C00361	Operating Status:		
User 16:		User 26:	User 36:	
User 17:		User 27:	User 37:	
User 18:		User 28:	User 38:	
User 19:		User 29:	User 39:	
User 20:		User 30:	User 40:	
User 21:		User 31:		
User 22:		User 32:		
User 23:		User 33:		
User 24:		User 34:		
User 25:		User 35:		

System Val	lve Detail F	Report						3/24/2025 2:12 PM
Valve Number:	C09975	<u> </u>		Operating Status:				
Address:	4TH ST					S	ys Valve Rec #:	: 35,633
Type Classification: Access: System: Manufacturer: Model Number: Serial Number: Pipe Number: Project Number: Owned By: Managed by:	Gate Future Tie-In Valve Box COVINGTON AFC C09975			Size: 8.00 End Type: Tapping: Operator Type: Direction To Open: Turns to Open: Oper Nut Size(in): Oper Depth (ft): Installation Date: Fixed Asset ID:	Open Right 24.00 7.50 1/10/201	Zii	Isolation Va Act ockwise To Clo Currently Op Hydrant Va Normally Op Opera	ive: ose: oen: oen: oen: oen: oen: oen: oen:
Location								
General Location						V 0	4507000 044	
In Easement:	False			ation (ft):		X Coordinate		
Map Number:	C-016-1			levation (ft):		Y Coordinate		3/244
Alt Map Number: Pressure Zone:	Gravity Syste	m ETTD	100000	Date: Source:		GPS Located	: False	
Facility:	Gravity Syste	MITH		Source: Sub Type:				
Construction Replacement Val Replacement Dat Present Value: Remaining Life:				Consequence of Failu Probability of Failu Mitigation: Risk: Replacement Cost	ıre: O	.00		
Inspections								
Last Inspection:	0	General Condit	ion:		Las	t Exercised Da	ite:	
Inspection Frequ	ency:		Next Ins	spection:	Turi	ns to Exercise		
Route ID:				t Exercised Date:				
Default WO Cat:				No WO/PM/R	eq:			
Work Orders: Work Order: 19-00477	Main Task: INSTALL NEW VALVE	Problem: Install nev			Status Dat /18/2019		End Date: Com 1/10/2019	npl Date:
User 1:	Planton			H-Component: Cast Date:				
Set-In:	Blacktop							
Symbol: Work Done:	CHAD H			User 9: First Located:				
County:	KENTON			Work Completed:				
Cross Street:	GREENUP			GPS Date:				
User 13:		By	pass?:		GI	S Disc:		
2301 101	_			_	٥.	and the second	-	

WO Comment:

System Val	lve Detail Report	•		3/24/2025 2:12 PM
Valve Number:	C09975	Operating Status:		
User 16:		User 26:	User 36:	
User 17:		User 27:	User 37:	
User 18:		User 28:	User 38:	П
User 19:		User 29:	User 39:	
User 20:		User 30:	User 40:	
User 21:		User 31:		
User 22:		User 32:		
User 23:		User 33:		
User 24:		User 34:		
User 25:		User 35:		

Y Coordinate: 578240.70679686 Alt Elevation (ft): Map Number: C-363 Alt Map Number: **GPS Date:** GPS Located: False **Gravity System FTTP GPS Source:** Pressure Zone: N. Ky. Water District GIS Sub Type: Facility: Construction Consequence of Failure: Replacement Value: Probability of Failure: Replacement Date: Mitigation: 1.00 Present Value: Risk: 0.00 Remaining Life: Replacement Cost: Inspections Last Exercised Date: **General Condition:** Last Inspection: Turns to Exercise: **Next Inspection:** Inspection Frequency: Last Exercised Date: Route ID: **Default WO Cat:** No WO/PM/Req: □ Work Orders: Problem: 19105546 Status Date: Start Date: End Date: Compl Date: Work Order: Main Task: Status: 8/1/2019 8/1/2019 8/1/2019 VALVE OPERATED Main Break Complete 8/6/2019 19-07447 H-Component: 228508.00 User 1: Cast Date: Blacktop Set-In: Symbol: Committed Valve User 9: 1 Work Done: First Located:

KENTON Work Completed: County: **Cross Street:** 4th ST **GPS Date:** Bypass?: GIS Disc: User 13:

WO Comment:

System Val	ve Detail Report	.		3/24/2025 2:12 PM
Valve Number:	C00362	Operating Status:		
User 16:		User 26:	User 36:	
User 17:		User 27:	User 37:	
User 18:		User 28:	User 38:	
User 19:		User 29:	User 39:	
User 20:		User 30:	User 40:	
User 21:		User 31:		
User 22:		User 32:		
User 23:		User 33:		
User 24:		User 34:		
User 25:		User 35:		

C00360 **Operating Status:** Valve Number: Sys Valve Rec #: 254 E 4TH ST Address: Butterfly Size: 16.00 Type End Type: Classification: Main Line Tapping: Valve Box Access: Open COVINGTON **Operator Type:** System: Direction To Open: Right Manufacturer: Isolation Valve: 囡 Model Number: Turns to Open: 36.00 C00360 Oper Nut Size(in): Active: Serial Number: Oper Depth (ft): 3.00 Clockwise To Close: Pipe Number: 71 Currently Open: Installation Date: **Project Number:** Hydrant Valve: Fixed Asset ID: Owned By: Normally Open: Managed by: Operable: Location **General Location:** Elevation (ft): X Coordinate: 1567272.31525403 In Easement: False Y Coordinate: 578263.31370702 Alt Elevation (ft): C-016-1 Map Number: **GPS Date:** GPS Located: False Alt Map Number: Gravity System FTTP **GPS Source:** Pressure Zone: Facility: N. Ky. Water District GIS Sub Type: Construction Consequence of Failure: Replacement Value: Probability of Failure: Replacement Date: Mitigation: 1.00 Present Value: 0.00 Risk: Remaining Life: Replacement Cost: Inspections Last Exercised Date: Last Inspection: 3/8/2016 General Condition: Turns to Exercise: Inspection Frequency: **Next Inspection:** Inspections: Operating Condition: Location Condition: **Overall Condition:** Inspected By: Inspection Date: WM 4/6/2010 Good WM Good 4/26/2012 4/3/2014 WM Good 3/8/2016 JM Good

Route ID:

Last Exercised Date:

Default WO Cat:

No WO/PM/Req: □

Main Task:	Problem:	Status:	Status Date: 2/28/2018	Start Date: 1/6/2018	End Date: 1/6/2018	Compl Date 1/6/2018
VALVE OPERATED			11/8/2018	10/30/2018	10/30/2018	10/30/2018
VALVE OPERATED	MISCELLANEOUS-MAI	Complete	1/18/2019	1/9/2019	1/9/2019	1/9/2019
VALVE INSPECTION	Valve Inspection Progra	Complete	4/25/2019			
VALVE OPERATED	Main Break	Complete	12/8/2020	11/30/2020	11/30/2020	11/30/2020
VALVE INSPECTION	Valve Inspection Progra	Complete	4/28/2021			
VALVE INSPECTION	Valve Inspection Progra	Complete	2/6/2023			
VALVE OPERATED	Main Break aulos 761	Complete	11/5/2024	10/27/2024	10/27/2024	10/27/2024
VALVE INSPECTION	Valve Inspection Progra	New Work Order	2/26/2025			
	VALVE OPERATED VALVE OPERATED VALVE OPERATED VALVE INSPECTION VALVE INSPECTION VALVE INSPECTION VALVE INSPECTION VALVE OPERATED	VALVE OPERATED VALVE OPERATED VALVE OPERATED VALVE OPERATED VALVE INSPECTION VA	VALVE OPERATED Main Break Mooss Complete VALVE OPERATED Replace valve 18 6 79 6 Complete VALVE OPERATED MISCELLANEOUS-MAI Complete VALVE INSPECTION Valve Inspection Progra Complete VALVE OPERATED Main Break 34 05 76 Complete VALVE INSPECTION Valve Inspection Progra New Work	WALVE OPERATEDMain BreakMoisqComplete2/28/2018VALVE OPERATEDReplace valve 18/6/196Complete11/8/2018VALVE OPERATEDMISCELLANEOUS-MAI Complete1/18/2019VALVE INSPECTIONValve Inspection Progra Complete4/25/2019VALVE OPERATEDMain BreakComplete12/8/2020VALVE INSPECTIONValve Inspection Progra Complete4/28/2021VALVE INSPECTIONValve Inspection Progra Complete2/6/2023VALVE OPERATEDMain BreakOmplete11/5/2024VALVE INSPECTIONValve Inspection Progra New Work2/26/2025	VALVE OPERATEDMain BreakMain BreakComplete2/28/20181/6/2018VALVE OPERATEDReplace valve 18/2019Complete11/8/201810/30/2018VALVE OPERATEDMISCELLANEOUS-MAI Complete1/18/20191/9/2019VALVE INSPECTIONValve Inspection Progra Complete4/25/2019VALVE OPERATEDMain BreakComplete12/8/202011/30/2020VALVE INSPECTIONValve Inspection Progra Complete4/28/2021VALVE INSPECTIONValve Inspection Progra Complete2/6/2023VALVE OPERATEDMain BreakOmplete11/5/202410/27/2024VALVE INSPECTIONValve Inspection Progra New Work2/26/2025	WALVE OPERATEDMain BreakMoissComplete2/28/20181/6/20181/6/2018VALVE OPERATEDReplace valve 18/6/1966Complete11/8/201810/30/201810/30/2018VALVE OPERATEDMISCELLANEOUS-MAI Complete1/18/20191/9/20191/9/2019VALVE INSPECTIONValve Inspection Progra Complete4/25/2019VALVE OPERATEDMain BreakComplete12/8/202011/30/202011/30/2020VALVE INSPECTIONValve Inspection Progra Complete4/28/2021VALVE INSPECTIONValve Inspection Progra Complete2/6/2023VALVE OPERATEDMain BreakOmplete11/5/202410/27/202410/27/2024VALVE INSPECTIONValve Inspection Progra New Work2/26/2025

System Valve Detail Report 3/24/2025 2:12 PM C00360 **Operating Status:** Valve Number: H-Component: 228510.00 User 1: Blacktop Cast Date: Set-In: Committed Valve Symbol: User 9: First Located: Work Done: County: KENTON Work Completed: **GREENUP GPS Date: Cross Street:** GIS Disc: Bypass?: **User 13: WO Comment:** User 36: User 26: User 16: User 37: User 27: User 17: User 38: User 28: User 18: User 29: User 39: User 19: User 40: User 30: User 20: User 31: User 21: User 32: User 22: User 23: User 33:

User 34:

User 35:

User 24:

User 25:



EXHIBIT C

Associated Work	Order No	07-0	01644	Water M	ain Work	Order	Ware	house Departure Ti	me: 🖊	1/A
Work Request N	<u>lumber</u>	07/01043			<u>Status</u>	New Re	equest			
Recorded By Recorded Date		TMH 03/02/2007	8:12AM		Category Activity	1700 200		Water Mains Main Break		
Initiated By	tim mes	ssmer								
Address Cross Street City Directions:	121 E 4T				<u>Cc</u> Zi		KENT	EN!	TER	E
Project #	620	9-600.	2-03(_	Map Refere	nce	6.3			
Pipe #	_16	(_	Pipe Diame	ter			<u>In</u>	ches
Joint Type					Pipe Depth	(top of pip	e)	<u>Feet</u>	<u>Ir</u>	nches
Pressure Zone				_	Frost Depth			VAR.		•
Surface Cover	()				Locator Win	<u>re</u>		Yes		<u>No</u>
Soil Type				- _			Valve O	peration Informatio	n	
Comments				-	Valve #	_	Action	Open	c	losed
	3					/	/ // 3			
PWSID#059	<i>90220</i> ly fill in th	is section if val	WATE ves were operated an	R MAIN SH d a water ma	<u>UTDOWN I</u> ain wa <mark>s sh</mark> uto	NFORMA down in th	itton ne process	of completing the v	work for this w	orkorder.
	to the time at the territory	DOWN ONLY			A.B.		W 1000	N FAILURE	3	
Date of Shutdon	wn/Failure	3/2/2	7 Time of Si	nutdown	NAM	4	PM Dur a	ation of Shutdow	n N/M	Hours
Size of Main	4	" 1/	InchesInches	ipe: DI(1),	CI(2), PVC(3),	Transite(4)), Steel(5),	Concrete(6)	1	_
Pipe Joint Sli	p(1), MJ(2)	, Unknown(3), Le	ad(4) Cove	er: <u>4</u>	Soil Typ	<u>e</u> Clay(1)	, Silt(2), Sai	nd(3), Gravel(4), Clay/	rock(5), Clay/sar	nd(6)
Interior Cond	lition: +	las Corrosion (5)	5	Exterior C	ondition:	Electolysis((5), Corrosio	on(6), Electolysis/Corro	osion(7)	7
Approx. Insid	de Dia. w	ith Corrosion	1/2	Inches	Amoun	t of Wate	er Lost:	10,000		<u>Gallons</u>
Customers N	otified:	1	Yes No	If "no" ex	olain <u>R</u> e	PARR	ed	under	Paes	sure
Number of Co	ustomers	Affected:	0		Reason fo	or Shutde	own:		Code	4 14
Reason for S Number of V			down:	1	Shutdo	own Qua	lity:	Good (1)	Fair (2)	Poor (3)
Weather Con		Clear		Snow						
SAMPLE NU	IMRFR.	N	INITIALS:	SAI	MPLE ADD	RESS:				
CHLORINE		G:		E DATE:			SAMPLE	TIME:		AM PM
			1	MATN FAT	URE INFOR	MATTON				
Nature of Bro	<u>B</u>	o Break (0) low-Out (4)	Circumferentia Joint Failure (5	(1)Lo	ongitudinal (2 plit Corp (6)		Bot Sleeve	V 3	oper Bedding (4)
Apparent cau	use of Bro	Exces	Hammer (surge) (1) ssive Pressure (5) ment (9)	Dete	ective pipe (2 erioration (6) laneous (10)	C	Corrosion Contractor		ature Change (

Associated Work Order No					Wa	ater Main Wor	k Order	Wareh	ouse De	eparture Time:	A
Recorded By T			AM	_		Status Category Activity City	New Red 1700 200 COVING	W M	ater Ma ain Brea		
Crew Information:	REW SIZE	4	ME	, w			AVG HOURS T	O DO JOB		7	
Restoration Information: BLACKTOP SIZE? PLATE? CONCRETE SIZE?	7 6×1	2					NR NR	i.		GRASS OR DIRT 3LACKTOP STREET BLACKTOP & CONCRETE ST CONCRETE STREET	REET
TOPSOIL SIZE? PLATE? PLATE?						_ 	□ NR □ NR			STREETCAR TRACKS RED BRICK CONCRETE SIDEWALK CONCRETE DRIVEWAY GRAVEL	
SPECIAL RESTORATION?							□ NR			FENCE/WALL	
PLATE? _ Comments:											
Waste Disposal Informat Employee Seth B	<u>Equipn</u>	nent (Tru	ck#) ⁽	Cu. yds	Ty	Gravel Gr	<u>D</u>	escription	200		e AM PM AM PM AM PM
	Labor					Ec	uipment			<u>Material</u>	
30675 30675 30460 30475 30075	V V V Regular Hours	Stay Late OT	Call-In OT	Scheduled OT		26 30 30		Hours 7 7 7		Code 462 480	Quantity 2 6
Completed By	The	leur	ner_		J [<u> </u>	vate 3	12/0-	J L 7		PM



EXHIBIT D

Associated Work	c Order No.	14 - 004	<u>w</u>	ater Valv	ve Work O	rder	Warel	nouse Depart	ture Time:	-	
Work Request N	Number 1	9/00332			<u>Status</u>	New Re	equest				
Recorded By Recorded Date	-	ofletcher 01/16/2019 3:3	8PM		Category Activity	1600 206		Valves Install new v	<i>y</i> alve		
Initiated By	CHAD H	OPKINS									
Address Cross Street City	E 4TH ST GREENUP COVINGTO	ST			<u>Cou</u> <u>Zip</u>		KENT				
<u>Directions:</u>											
Project #	62	0-400	2-031	8	Map Refere	nce#	C-,	363			
Valve #	New	Valve.	211		Valve Size Valve Statu		8	Open		Closed	
Valve Type	nra	Gate	8"		Direction to			Right	/	_ Left	
Manufacturer Set-In	RIT	•			Number of		25			×	
Bypass?	No			ē						_	
Operator Depth	7.5	F	eet		Valve #		Valve C Action	peration Inf	ormation Open	Closed	
Maintenance Ty	уре:	8 - Charge to	o Mapping Report		SAM	05	W/0	19	003		
PWSID# 0590		caction if valves	WATER MAIN SH were operated and				the process	s of completi	ing the work f	0559	rdor
Date of Shute		10/19	Time of Shute	1		iowii iii c			Shutdown	7.5	
Size of Main	7	20 II	nches <u>Type of Pip</u>	e: DI(1),		Transite(4			2		
Interior Condi	ition: Has de Dia. witl			ver:	Amount o	Electrol	lysis(5), Cor		Gravel(4), Clay/ trolysis/Corrosio		7 Gallons
Number of Cu		Yes	<u>No</u>	If "no" exp	Reason 1	for Chut	down	201	10	Code	
	S 250160		100		Reason	or Shuc	Ldown.			code	
Reason for Sh		ved in Shutdov	vn: 13		Shutdown C)uality:	1	Good (1)	Fair	r (2)	. Poor (3)
Weather Conc		/	Rain Sno								
			INITIALS: <u>//</u> SAMPLE					E TIME:	Green 1 5:20	AM AM	€M
	X.7		INITIALS:				-				
CHLORINE	E READING	G:	SAMPLE	DATE: _			SAMPL	E TIME:	MAIL	ED AM	<u>PM</u>

JAN 18

Associated Work Order No				. <u>v</u>	Vater Va	lve Wo	rk C	<u>Order</u> War	ehouse Departure Time:			
	19/0033	32	7.			Status Catego		New Request	Valves			
	01/16/20	19 3:3	8PM			Activity		206	Install new valve			
Address E 4TH S						<u>Cit</u>	Y	COVINGTON				
Initiated By CHAD I	HOPKIN	S										
Crew Information:	CREW SIZ	E		8		- q	AV	G HOURS TO DO JO	DB 10.3	5		
<u>Restoration Information:</u>			NEEDS N	MILLING A	ND PAVING?	YE	S			TDAFFIC		
BLACKTOP SIZE?						— p	_	1 ND	_	TRAFFIC S OR DIRT		
PLATE?_				*:		□ R	_] NR		KTOP STREET		
CONCRETE SIZE?		,				— -		•		KTOP & CONCRE CRETE STREET	IE SIREEI	
PLATE?	1	1/	1			R		NR NR	(5) STRE	ETCAR TRACKS		
TOPSOIL SIZE?	/		1						(6) RED	BRICK CRETE SIDEWALI	(
PLATE? _		1/2				R		NR	• • • • • • • • • • • • • • • • • • • •	CRETE DRIVEWA		
SPECIAL RESTORATION				1	The second	(R)		1 ND	(9) GRAV			
PLATE? _					P			I MK	(10) FER	CL/ WALL		
Comments:												
Waste Disposal Informate Employee LOS 83	Equipm	nent (Tru	ck #)	Cu. yds	Sand Gravel Address Soil-Clay		Wood	<u>Pichi</u>		Tim 19 10:00		
-	-	Ĭ.					Ц				AM PM	
<u> </u>								*			AM PM	
		<u>Labor</u>					8	Equip	ment	Mate	erial	
	ours	TO a	у ф	101				Description	Hours	Code	Quantity	
Employee Name	Regular Hours	Stay Late OT	C Unex Call-in OT	Scheduled	Hours \ Betv		0	238 303	10.5	587	1	
DerekB Lansyo	8	2.0	15		to	0	-	266	10.5	599	1	
Kevinic lensel	8	2	,5		to	0	-6	310	10.5	603	1	
Taxed Martin Son	8	2	15		to	0		302	10.5	_000		
TT 100583	8	2	,5		to	0		331	10.5	-		
David (40534	8	2	.5		to	0		N3	10.5			
Erick lousage	8	2	.5		to	0						
Tyler 60608	8	2	.5		to	0						
Bobbys 60609 Call-Out Information	Respond	led From			ACILITY	Oth	er		Employee Calledived On Job Site	J. 500	<u>м рм</u> м <u>рм</u>	
Completed By	en	47	Sa	5	_		Date	1/10/	14 Time			
Sign-off Jascu	Mul	ly				30						



EXHIBIT E

Associated Work Order No. 20-	Water Main Work Order Warehouse Departure Time:
Work Request Number 20/05704	Status New Request
Recorded By ksmith Recorded Date 12/04/2020 8:04AM	<u>Category</u> 1700 Water Mains <u>Activity</u> 200 Main Break
Initiated By DAVID GOSNEY	Map
Address GREENUP ST E.4T St. Cross Street E 4TH ST Greenup St. City COVINGTON Directions:	County KENT Zip
Project # 620-6002-031	Map Reference C - 016
Pipe # 7	
Comments	Valve Operation Information
	Valve # Action Open Closed
	_ (co0360 Right 36 36 20
	- 100358 Right 20 20 - 109374 Right 27 27
	100363 Right 37 37
	_ COUSSS KIGHT 57
	_
DWSTD #0500220 WATER	R MAIN SHUTDOWN INFORMATION
	d a water main was shutdown in the process of completing the work for this workorder.
SHUTDOWN ONLY	WATER MAIN FAILURE
Date of Shutdown/Failure 1/-30-20 Time of Sh	nutdown 3:45 AM PM Duration of Shutdown (0.25 Hours
Size of Main: (Inches)	Reason for Shutdown: (WO Code) 200
Type of Pipe: DI(1), CI(2), PVC(3), Transite(4), Steel(5), Concrete	
Pipe Joint: Slip(1), MJ(2), Unknown(3), Lead(4)	Shutdown Quality: Good(1), Fair(2), Poor(3)
Interior Lining: Unlined(0), Cement(1), Epoxy(2)	
Exterior Wrap: Wrapped(1), Unwrapped(2)	Number of Customers Affected:
Exterior Condition: Good(1), Fair(2), Poor(3)	Customers Notified: Yes No If "no" explain Emergency
Number of Valves Involved in shutdown:	
Nature of Break: Circumferential(1), Longitudinal(2), Both(3), Blow-Out (4), Joint Failure(5), Split Corp(6), Sleeve(7)	Water Lost: 300,000 Gal. Clean/Flush Loss: Gal.
Cover: 51 Weather Conditions:	Clear Rain Snow
SAMPLE NUMBER: INITIALS:	SAMPLE ADDRESS: NO Sample Point
CHLORINE READING: SAMPLE	
SAMPLE NUMBER: INITIALS:	SAMPLE ADDRESS:
CHLORINE READING: SAMPL	

Associated Work Order No	Water Main Work	<u>COrder</u> Wa	rehouse Departure Time	e:				
Work Request Number 20/05704 Recorded By ksmith Recorded Date 12/04/2020 8:04AM Address GREENUP ST Initiated By DAVID GOSNEY	Status Category Activity City	New Request 1700 200 COVINGTON	Water Mains Main Break					
Crew Information: CREW SIZE	Δ.	VG HOURS TO DO JO	DB 7,25					
		va nooks to bo so	de primary	,				
BLACKTOP SIZE? 8 V 15	ILLING AND PAVING? YES		(0) HIGH TRAF					
PLATE? 3-6×12		NR	(1) GRASS OR I					
CONCRETE SIZE?			(3) BLACKTOP (4) CONCRETE	& CONCRETE STREET STREET				
PLATE?	R [NR	(5) STREETCAR	R TRACKS				
TOPSOIL SIZE?		¬ NR	(6) RED BRICK (7) CONCRETE					
PLATE?] IAK	(8) CONCRETE (9) GRAVEL	DRIVEWAY				
SPECIAL RESTORATION?	R F	NR	(10) FENCE/WA	iLL				
PLATE? Comments:								
	4.072			5.º				
	Type of Material							
Waste Disposal Information Employee Equipment (Truck #) Cu. yds Cu. yds Description Date Time Agra Agra AM PM AM PM								
Labor		<u>Equ</u>	ipment	Material				
Regular Hours Stay Late OT	Hours Worked Between	306 313	Hours Hours 16	206 Quantity 206 2 212 4.F.J.				
Pavid-60634 3 81	to	287	10					
Robert 60609 3 8	to	N-3	10	23				
Austin-60651 3 8	to	DT-15	10					
Andrew-60562 3 5.3 D'Illon-60568 4	to to	332	8					
B. V - 60565 4	to	236	8					
Kevin-60821 4	to	i i						
Call-Out Information Customer Service Answering Service Other Employee Arrived On Job Site 10.30 AM CM								
Completed By David	Da	ate 12-1-	20 Time					
Sign-off asau Nully								

Report File Name: \\NKWLUCIDB\Lucity\Share\Lucity\Reports\Work\NKW_wreq_pip673_NPX.rpt

Blacktop Restoration Work Order

Not a Water Service Contract

Restoration WO#

Initiating Regest #

20/05704

20-09434

Initiating WO# Initiating WSC# 20-09433

Address:

E 4TH ST

COVINGTON

Cross Street:

DAVID GOSNEY

GREENUP ST

Foreman:

Work done:

Main Break

Contractor:

HALLS PAVING

Special Restoration

Special Notes:

8x15, RE-DO

Given to Contractor:

1/25/2021

Date Completed:

Related Site Restoration:

No special restoration notes could be found.

No brick paver restoration needed or no notes could be found No concrete restoration needed or no notes could be found No topsoil restoration needed or no notes could be found

Additional Notes:

11×15=165>177×7.50=132750



Waste Disposal Information

Employee

Equipment (Truck #) Cu. yds

Soil-Clay

Type of Material

Description

Date

<u>AM</u>

<u>AM</u>

Employee #

Rg. Hrs.

Ot. Hrs.

Equipment

Rg. Hrs.

Material

Yds.

Time

40650

50

10001

20700

60523

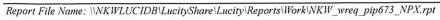
60524 60526



EXHIBIT F

Associated Work	Order No. 20-	Water Main Work Order Warehouse Departure Time:
Work Request N	lumber 20/04980 afletcher	Status New Request Category 1700 Water Mains
Recorded Date	10/19/2020 12:46PM	Activity 200 Main Break
Initiated By	EDDIE SCHAWE	Map
Address Cross Street City Directions:	E 4TH ST GREENUP ST COVINGTON	County KENT Zip
	8	· • • [
Project #	<u>670-6003</u> -031	Map Reference C ~ 0 L
Pipe #	161	Tracing Wire: 20-08655
Comments		Valve Operation Information
		Valve # Action Open Closed Co3i L 12 12
	,	COO36 K 12 13 12 13
	-	— COO 652 R 24 24
	-	
PWSID#059 Please onl		ER MAIN SHUTDOWN INFORMATION and a water main was shutdown in the process of completing the work for this workorder.
	SHUTDOWN ONLY	WATER MAIN FAILURE
Date of Shutde	own/Failure 10-18 20 20 Time of S	Shutdown AM 12 PM Duration of Shutdown 2 Hours
Pipe Joint: Slip Interior Lining Exterior Wrap Exterior Cond	(Inches) 4 DI(1), CI(2), PVC(3), Transite(4), Steel(5), Concrete (1), MJ(2), Unknown(3), Lead(4) 12: Unlined(0), Cement(1), Epoxy(2) 13: Wrapped(1), Unwrapped(2) 14: Ition: Good(1), Fair(2), Poor(3) 15: Universal Involved in Shutdown:	Reason for Shutdown: (WO Code) Reason for Shutdown: (Explaination) Shutdown Quality: Good(1), Fair(2), Poor(3) Number of Customers Affected: Customers Notified: Yes No If "no" explain
	ak: (1), Longitudinal(2), Both(3), Blow-Out (4), , Split Corp(6), Sleeve(7)	Water Lost: 145,000 Gal. Clean/Flush Loss: 20,000
Cover: 5	Weather Conditions:	☐ Clear ☐ Rain ☐ Snow
SAMPLE NO		PLE DATE: 10-19-20 SAMPLE TIME: 2 AM PM
SAMPLE NO		SAMPLE ADDRESS: PLE DATE: AM PM
		EMAILED
		NOV 04

ON THIS DATE



Associated Work Order No.					Water M	lain Woı	k Order	Warehouse	e Departure Ti	me:		
Work Request Number 20/04980 Recorded By afletcher					Status New Request Category 1700 Water			r Mains	э	11		
Recorded Date 10/19/2020 12:46PM						<u>Activity</u>	200	Main	Break			
Address E 4TH ST	011 137					City	COVINGTO	NC				
Initiated By EDDIE So	CHAWI	5	t									
Crew Information:	rew size	_6	>				AVG HOURS TO I	OO JOB	15	 :		
Restoration Information:			NEEDS MI	ILLING AND	PAVING?	YES		_	7 /25 / 122 /			
BLACKTOP SIZE? 433	<u>د</u>					_/	Sat	F	(0) HIGH TRA			
PLATE?	1-6	412)				R (2) BLACKTOP STREET						
CONCRETE SIZE?										P & CONCRETE S F STREET	TREET	
DIATES			7			R NR (4) CONCRETE STREET (5) STREETCAR TRACKS						
TOPSOIL SIZE?								(6) RED BRICK				
DI ATES					-	R NR			(7) CONCRETE SIDEWALK (8) CONCRETE DRIVEWAY			
SPECIAL RESTORATION?				А		,	Z	Ē	(9) GRAVEL			
5				-		□ R	. NR		(10) FENCE/W	/ALL		
·-												
Comments:					#3	Aden						
				OPT	"3							
Waste Disposal Information Employee Equipment (Truck #) M.Y. A 300 Type of Material Replayer Type of Material Replayer Description Across								<u>Date</u>	<u>Tim</u> 2820 <u>3:6</u> 8			
Mika		00		5			no or 11 10+17-2020 10:00 AM CPM					
mike a	300 (ne o. Sn. 11 10/8-2020 4:00 AM PM					
-									_		AM PM	
		<u>Labor</u>						Equipment		Mate	erial	
	ours	TO S	Į0 (F O			Descri	ption	Hours	Code	Quantity	
V	Regular Hours	ular Hours ny Late OT		Scheduled OT	Nours V		300	,	as	462	2	
Employee Name	Stay Ca		Sch	Betv	veen	270		23	480	3'		
Edaies 41225			25		t	О	290					
MikeA 60597			23		t	0	SEOV	-2				
Austin			23		t	0	DTI	·				
Clint			8	¥.	t	0	420		8			
Jordan			8		to		310		8			
JEPERY			4		t	0	310		0	2)	\vdash	
Jacan						0					\vdash	
						AVA				L		
Call-Out Information Responded From HOME FACILITY Customer Service Answering Service								M PM				
							<u> </u>					
Completed By	in-Oc	riled			-		Date ()	-19-20	Time			
Sign-off Casar	VIX	le,										

Report File Name: \\NKWLUCIDB\LucityShare\Lucity\Reports\Work\NKW_wreq_pip673_NPX.rpt

Blacktop Restoration Work Order

Restoration WO#

Initiating Regest # 20/04980

20-08654

Initiating WO#

20-08653

Initiating WSC#

Not a Water Service Contract

Address:

E 4TH ST

City:

COVINGTON

Cross Street:

GREENUP ST

Foreman: CLINT RILEY

Work done:

Main Break

Contractor:

HALLS PAVING

Special Restoration

Special Notes:

4x13, PLATES=(4) 6x12

Given to Contractor:

11/3/2020

Date Completed:

1/8/2021

Related Site Restoration:

No special restoration notes could be found.

No brick paver restoration needed or no notes could be found No concrete restoration needed or no notes could be found No topsoil restoration needed or no notes could be found

Additional Notes:

 $5 \times 7 = 35$ $4 \times 12 = 48$ $230 \times 7.50 = 1725.00$ $7 \times 21 = 147$



Waste Disposal Information

Employee

Equipment (Truck #) Cu. yds

Type of Material

Date

AM PM

> <u>AM</u> PM

Employee #

Rg. Hrs.

Ot. Hrs.

Equipment

Rg. Hrs.

Description

Material

Yds.

<u>Time</u>

40650

20700

60523 60524

60526

50

10001



EXHIBIT G

Blacktop Restoration Work Order

Restoration WO#

Initiating Reqest #

24/05761

24-08975

Initiating WO#

24-08974

Initiating WSC#

Not a Water Service Contract

Address:

E 4TH ST

City:

COVINGTON

Cross Street:

GREENUP ST

Foreman: LAYNE SEIBERT



Work done:

Main Break

Contractor:

INDEPENDENCE PAVING, LLC

Special Restoration

Special Notes:

20x10 Plate=(4) 12x6

Given to Contractor:

11/5/2024

Date Completed:

1/3/2025

Related Site Restoration:

No special restoration notes could be found.

No brick paver restoration needed or no notes could be found No concrete restoration needed or no notes could be found No topsoil restoration needed or no notes could be found

Additional Notes:

3,096 SF X 9.50

l	Waste Disposal Information			Type of Material					<u>rial</u>						
l	Waste Disposal Infor			pug	ive	Slay	halt	ete	Brick	8					
l	Employee	Equipment (Truck #)	Cu. yds	S.	Gra	Soil-C	Asp	Conc	8	3	<u>Description</u>	<u>Date</u>	<u>Time</u>		
١				F			E							<u>AM</u>	<u>PM</u>
l	<u></u>	<u> </u>											3 	<u>AM</u>	<u>PM</u>

<u>Material</u> Yds. Ot. Hrs. Rg. Hrs. Rg. Hrs. Equipment Employee # 10001 40650 50 20700 60523 60524 60526

ssoc ated Work	Order No. 24 - 02968	Water Main Work O	rder Wareho	ouse Departure Time:	H.	
ork Request N	umber 24/01452	<u>Status</u>	New Request			
ecorded By ecorded Date	tedgerton 03/18/2024 9:32AM	<u>Category</u> <u>Activity</u>		ater Mains ain Break		
nitiated By	JACK CUNNINGHAM	S 6		EPAH	120501	
idress oss Street ty	E 4TH ST GREENUP ST Covington	<u>Cour</u> <u>Zip</u>	nty KENT			
irections:	Cut tee out. Fixed			MAP		
roject #	620-6002-631	W Prince	<u>C-363</u>	159		4
i <u>pe #</u>	74	Tracing Wir	<u>re:</u>	#24-02	409	
omments	# # # # # # # # # # # # # # # # # # #		Valve Ope	ration Information		
		Valve #	Action	Open	Closed	
	T	(00657	R	25	25	
ē		C00652	R	13	13	
9	2 × 10 ×	y Contain the same of		1 A = "52"	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1) (See) -01
PWSID#05	shutdown only	ATER MAIN SHUTDOWN INI ed and a water main was shutdo	water main		for this workorde	r.
ate of Shute	lown/Failure 3-15-24 Time	of Shutdown 7,00 AM	PM <u>Dur</u>	ation of Shutdown	6 Hours	
Size of Main:	(Inches) BUSKU	Reason fo	or Shutdown: (Wo			
	DI(1), CI(2), PVC(3), Transite(4), Steel(5), Cor	icrete Reason fo	or Shutdown: (Ex		Break	
	ip(1), MJ(2), Unknown(3), Lead(4)			, Fair(2), Poor(3)	_	
	p: Wrapped(1), Unwrapped(2)		of Customers Aff			
Exterior Con	dition: Good(1), Fair(2), Poor(3)	Custome	rs Notified:	Yes No		
Number of V	alves Involved in shutdown: 3	If "no" expl	ain <u>emergen</u>			ě
	eak: al(1), Longitudinal(2), Both(3), Blow-Out (), Split Corp(6), Sleeve(7)	4), Water Lost:	700,000	Gal. Clean/Flush L	oss: 15000)
John Fahare(J	W abus gorbfoll argustfol	1			W 250 .	
Cover:	Weather Condition	ons: Clear Rain	☐ Snow		A 4 1 2 2 2	* *
		S: SC SAMPLE ADD AMPLE DATE: 3~16~2		Green UP S ETIME: 1:45	-	PM
SAMPLE	NUMBER: INITIAL	S: SAMPLE ADD				
	IE READING: S.	AMPLE DATE:	SAMPL	E TIME:	<u>AM</u>	<u>PM</u>
9	8			EMA	MLED	
				APR	2	

 $Report\ File\ Name: \verb|\NKWLUCIDB|\LucityShare|\Lucity|\Reports|\Work|\NKW_wreq_pip673_NPX.rpt|$

ON THIS DATE

Recorded Date Address E 4TH ST	24/01452 edgerton 03/18/2024 JNNINGH <i>J</i>		AM			Status Category Activity City	New Request 1700 200 Covington	Water Mains Main Break	a u	
Crew Information:	CREW SIZE			6		A	VG HOURS TO DO JO	OB 5	. 8	
Restoration Information:	,		NEEDS M	ILLING AN	ID PAVING?	-				
BLACKTOP SIZE? 7X	0					,		(0) HIGH T		
PLATE?	2 618	5				R [NR NR	(1) GRASS (2) BLACKT		
CONCRETE SIZE?	*							(3) BLACKT	OP & CONCRETI	E STREET
PLATE?	7 i -				_	R	NR ·	the state of the s	ETE STREET CAR TRACKS	
TOPSOIL SIZE?			4					(6) RED BR	ICK	
PLATE?_	11			v		R	NR		TE SIDEWALK TE DRIVEWAY	
SPECIAL RESTORATION?	ret				×			(9) GRAVEL		M
PLATE?_						R	NR	(10) FENCE/	WALL	V
Comments:						<u> </u>				
g - s	1 - A4 -			900			Test			
Waste Disposal Informat Employee Charlil	ion <u>Equipment</u>		:k#)	Cu. yds	Soil-Clay be adding a soil-Clay be a	Asphalt Asphal	Description	on Date		me AM
<u>Employee</u>	Equipment		:k#)	Cu. yds		WWW.	Description			AM (
<u>Employee</u>	Equipment	8	sk#)	Cu. yds		WWW.	agun		-74 1:00	AM (
<u>Employee</u>	Equipment 3 3 4	5 oor		3		WWW.	agun	3-16-	-74 1:00	AM AM AM I
Employee Charlie	Equipment 3 3 4	5 oor	Call-In OT	3	Hours V	Worked Sphalt	Agun	3-16-	-74 \\000 Ma	AM I
Employee Charle Employee Name	Equipment 3 3 4	Scay Late OT	Call-In OT	Cu. yds	Hours V Betw	Worked Series Wood Wood Week	Equi	3-16-		AM I
Employee Charle Employee Name Tack 60667	Equipment 3 3 4	Scay Late OT		3	Hours V Betw	Worked veen	Equipole Description 236 30%	3-16-	Ma Code S&6	AM AM Lerial Quar
Employee Charle Employee Name Jack 60467 Clint 40584	Equipment 3 3 4	Scay Late OT	7.5	3	Hours V Betw	Worked ween	Equi Description 136 306 338 D1-15	3-16- 3-16- Hours 6 8 8	Ma Code S&G 462	AM I
Employee Charle Employee Name Jack 60467 Clin + 40584 Charlie 60274	Equipment 3 3 4	Scay Late OT	7.5	3	Hours V Betw	Worked ween	Equipole Description 236 30%	pment Hours	Ma Code S&G 462 601	AM I
Employee Charle Employee Name Jack 60467 Clint 40584 Charlie 60674 Devon 60697	Equipment 3 3 4	Scay Late OT	7.5 7.7 7.5	Scheduled OT	Hours V Betw	Worked veen	Equi Description 136 306 338 D1-15	3-16- 3-16- Hours 6 8 8	Ma Code S&G 462 602 614	AM I
Employee Charlie Employee Name Jack 60467 Clint 40584 Charlie 60474 Devon 60497 Hunter 60690	Equipment 3 3 4	Scay Late OT	7.5 7.7 7.5 7.5	Scheduled OT	Hours V Betw 7 And C 3/30 And C 3	Worked veen	Equi Description 136 306 338 D1-15	3-16- 3-16- Hours 6 8 8	Ma Code S&G 462 602 614	AM I
Employee Charle Employee Name Jack 60467 Clint 40584 Charlie 60674 Devon 60697	Equipment 3 3 4	Scay Late OT	7.5 7.7 7.5	Scheduled OT	Hours V Betw	Worked ween 2.30 2.30 2.30 3.40 3.40 4.40 5.40 5.40 6.40	Equi Description 136 306 338 D1-15	3-16- 3-16- Hours 6 8 8	Ma Code S&G 462 602 614	AM I
Employee Charlie Lack 60407 Clint 40584 Charlie 60674 Devon 60697 Hunter 60690 Connie Blevins 60523	Equipment 3 3 4	oor Loss rask rase on a rase or rase or a rase	7.5 7 7 4.5 4.5	Scheduled OT	Hours V Betw 7 Aut 6 Aut 7	Worked ween 21.34 Por 1.30 Por	Equipole 236 306 338 D1-15 N-4	3-16- 3-16- Hours 6 8 8	Ma Code S&G 462 GIA V4.0	AM AM AM Lerial Quar

Blacktop Restoration Work Order **Restoration WO#** Initiating Reqest # 24/01452 24-02410 Initiating WO# 24-02408 Initiating WSC# Not a Water Service Contract Address: E 4TH ST City: COVINGTON Cross Street: **GREENUP ST** Foreman: JACK CUNNINGHAM Work done: Main Break HALLS PAVING Contractor: **Special Restoration** Special Notes: 7x6 (Plates 2 6x8) Given to Contractor: Date Completed: 3/26/2024 No special restoration notes could be found. Related Site Restoration: No brick paver restoration needed or no notes could be found No concrete restoration needed or no notes could be found No topsoil restoration needed or no notes could be found Additional Notes: 10x6=60 x8.50=510 Ine # 366497

Waste Disposal 1	Information				Typ	oe o	f Ma	ater	ial									
		Sand	Sand Gravel Gravel Gravel Gordete Brick Wood		<u>Description</u>	tion <u>Date</u>		<u>Time</u>										
·										\exists	1				<u>AM</u>	<u>PM</u>		
				L							9				<u>AM</u>	<u>PM</u>		
Employee #	Rg. Hrs.	Ot. Hrs.	3	<u>E</u>	quip	ome	ent				Rg. Hrs.	Materi	al	Yds.				
40650			<u>50</u>)					_			1000	1					
20700 60523		-	-						-		-							
60524 60526									_									





EXHIBIT H

Associated Work	Order No. 24 - 08974	Water Main \	Vork Order	Warehou	use Departure Tir	me:
Work Request N	umber 24/05761	<u>Statu</u>	s New F	Request		map
Recorded By Recorded Date	tedgerton 10/28/2024 8:08AM	<u>Cated</u> <u>Activ</u>		C. 20 S	ter Mains in Break	
Initiated By	LAYNE SEIBERT				EPAH	128789
Address Cross Street City Directions:	E 4TH ST GREENUP ST Covington		<u>County</u> <u>Zip</u>	KENT		4
Project #	620-6002-031	<u> </u>	Reference (-016-	\	
Pipe #	_7\	<u>Trac</u>	cing Wire:			
Comments	(ut out 4' of	-		Valve Opera	ation Information	24-08976
	110 010	100	ve#	Action	Open	Closed
	16" Pipe.	_ (002		P	23	
		_ (00 _ (091		12	27	
		(00'		2	37	
		_	,,,,,			
		_				
PWSID#059	y fill in this section if valves were operated as	R MAIN SHUTDO	WN INFORM s shutdown in	TATION the process of	completing the v	work for this workorder.
(20 to 10 to	SHUTDOWN ONLY				AILURE 🔀	
Date of Shutde	own/Failure 10 127 124 Time of S	hutdown 6:00	MA	PM <u>Durat</u>	tion of Shutdov	wn 12 Hours
Size of Main: (Type of Pipe: Pipe Joint: Slip Interior Lining Exterior Wrap Exterior Cond	(Inches) 16' DI(1), CI(2), PVC(3), Transite(4), Steel(5), Concrete (1), MJ(2), Unknown(3), Lead(4) 1 I: Unlined(0), Cement(1), Epoxy(2) 2 I: Wrapped(1), Unwrapped(2) 2 Ition: Good(1), Fair(2), Poor(3) 4 Ives Involved in shutdown:	Re <u>Z</u> Re St	eason for Shu eason for Shu eutdown Qua umber of Cus	utdown: (WO outdown: (Explainment) (Explainm	Code) 700 aination) M 1 air(2), Poor(3)	LB
	ak: (1), Longitudinal(2), Both(3), Blow-Out (4), Split Corp(6), Sleeve(7)	Wate	Lost: 60	0,000	Gal. Clean/Flus	sh Loss: 25,000 Gal.
Cover: 1	Weather Conditions:	⊠ Clear □	Rain 🗆] Snow		
SAMPLE NO	UMBER: <u>[248</u> INITIALS: _ FREADING:\.\] SAMF	LS SAMPL LE DATE: \(\)	24/24		TIME: 10:	SO AM PM
SAMPLE N		SAMPL PLE DATE:	E ADDRESS	SAMPLE	TIME:	AM PM
	X ==				E	MAILED
						JAN 1 4

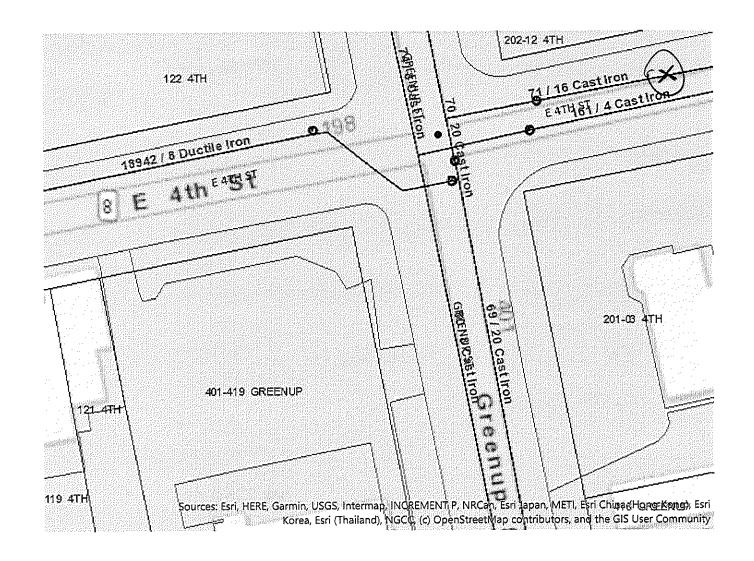
Page 1

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IL/S.MBF

ON THIS DATE

Associated Work Order No	Water Main Work Order Warehouse Departure Time:								
Work Request Number 24/05761 Recorded By tedgerton Recorded Date 10/28/2024 8:08AM Address E 4TH ST Initiated By LAYNE SEIBERT	<u>Status</u> <u>Category</u> <u>Activity</u> <u>City</u>	200	Water Mains Main Break		Ť				
Crew Information: Restoration Information: BLACKTOP SIZE? PLATE? PLATE?	AND PAVING? YES	AVG HOURS TO DO JOB	(0) HIGH TRA (1) GRASS OR	E DIRT STREET SE CONCRETE SE E STREET AR TRACKS K E SIDEWALK E DRIVEWAY	TREET				
Waste Disposal Information Employee Equipment (Truck #) Bryan - lookes 330 Cu. yds Sosn - lookes 330	Sand Gravel Asphaltt Soil-Clay Shark Soil-Clay	Description Lawa A			am pm Am pm Am pm Am pm				
Employee Na ANTHOM-60778 - Employee Na ANTHOM-60778 - Layne-606 Bryan-606 caden-607 John-6066 Jan-6066 Steve 6076	The state of the s	Equipo Description 300 337 (306 DF-12 318 311 314	Hours 18 20 20 20 6 5 16	Mate Code 706 717	Quantity 2 2(1)				
Call-Out Information Completed By Sign-off Sign-off	<u>)the</u>		mployee Called		1 PM 1 PM				



NORTHERN KENTUCKY WATER DISTRICT

Response to Commission Staff's First Request for Information

CASE NO. 2025-00007

WITNESS – Tom Edge, General Counsel and Director of Compliance, Communications and Regulatory Affairs

Q.2. All other information that Northen Kentucky District deems relevant to the matters raised in Ron's Food Mart Complaint attached as Appendix B.

A.2. NKWD states as follows:

- NKWD repairs leaks and breaks on its mains as soon as practical once encountered.
- For the 2024 Water Main Break raised in the Compliant, the matter was turned over to NKWD's insurance provider, Traveler's Insurance, in accordance with the terms of NKWD's Insurance Policy with Traveler's Insurance. The matter was assigned Claim #F3T9012. It is my understanding that the Complainant and the assigned claim adjuster for Traveler's Insurance are in contact.
- For the 2020 Water Main Break raised in the Compliant, the matter was turned over to NKWD's insurance provider, Traveler's Insurance, in accordance with the terms of NKWD's Insurance Policy with Traveler's Insurance. In 2020, the matter was assigned Claim #FQL0809.
- NKWD states it replaces water mains in accordance with its Water Main Replacement Program, more particularly outlined in the previous response to the Request for Information Question #1.
- NKWD does not respond to fuel spills. In the event NKWD comes across spilled fuel or other hazardous substance, NKWD contacts local authorities including the respective County Emergency Management Office.

AFFIDAVIT OF TOM EDGE

COMMONWEALTH OF KENTUCKY

)SS

COUNTY OF KENTON

Comes now affiant, Tom Edge after being first sworn, deposes, and states that he is the General

Counsel and Director of Compliance, Communication and Regulatory Affairs for the Northern Kentucky

Water District, that he is authorized to submit these Responses on behalf of Northern Kentucky Water

District, and that the information contained in the Responses is true and correct to the best of his

knowledge and belief, except as to those matters that are based on information provided to him and, as

to those, he believes that information to be true and correct.

Tom Edge

This instrument was acknowledged, signed and declared by Tom Edge to be his act and deed

the 28th day of March 2025.

<u>CZoda</u>

Notary Public, Kentucky at Large

Notary ID Number: KYNP57619

My Commission Expires: 08/22/2026

AFFIDAVIT OF KYLE RYAN

COMMONWEALTH OF KENTUCKY

)SS

COUNTY OF KENTON

Comes now affiant, Kyle Ryan after being first sworn, deposes, and states that he is the

Engineering Manager - Design & Construction for the Northern Kentucky Water District, that he is

authorized to submit these Responses on behalf of Northern Kentucky Water District, and that the

information contained in the Responses is true and correct to the best of his knowledge and belief, except

as to those matters that are based on information provided to him and, as to those, he believes that

information to be true and correct.

Kyle Ryan

This instrument was acknowledged, signed and declared by Kyle Ryan to be his act and deed

the 28th day of March 2025.

CZoda

Notary Public, Kentucky at Large Notary ID Number: <u>KYNP57619</u>

My Commission Expires: 08/22/2026