COMMONWEALTH OF KENTUCKY BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

ELECTRONIC APPLICATION)
OF HARDIN COUNTY WATER) CASE NO. 2023-00247
DISTRICT NO. 2 FOR A)
GENERAL ADJUSTMENT OF)
RATES)

RESPONSE OF

HARDIN COUNTY WATER DISTRICT NO. 2

TO

COMMISSION STAFF'S SECOND REQUEST FOR INFORMATION

DATED NOVEMBER 1, 2023

FILED: NOVEMBER 17, 2023

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

ELECTRONIC APPLICATION)
OF HARDIN COUNTY WATER) CASE NO. 2023-00247
DISTRICT NO. 2 FOR A)
GENERAL ADJUSTMENT OF)
RATES

RESPONSE OF HARDIN COUNTY WATER DISTRICT NO. 2 TO COMMISSION STAFF'S SECOND REQUEST FOR INFORMATION

Comes Hardin County Water District No. 2 (the "District") for its Response to Commission Staff's Second Request for Information, and states as shown on the following pages.

Damon R. Talley

Stoll Keenon Ogden PLLC

P.O. Box 150

Hodgenville, KY 42748-0150

Telephone: (270) 358-3187

Fax: (270) 358-9560

damon.talley@skofirm.com

Gerald E. Wuetcher

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gerald.wuetcher@skofirm.com

Counsel for Hardin County Water District No. 2

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

ELECTRONIC APPLICATION)
OF HARDIN COUNTY WATER) CASE NO. 2023-00247
DISTRICT NO. 2 FOR A)
GENERAL ADJUSTMENT OF)
RATES)

CERTIFICATION OF RESPONSE OF HARDIN COUNTY WATER DISTRICT NO. 2 TO COMMISSION STAFF'S SECOND REQUEST FOR INFORMATION

This is to certify that I have supervised the preparation of Hardin County Water District No. 2's Responses to Commission Staff's Second Request for Information. The response submitted on behalf of Hardin County Water District No. 2 is true and accurate to the best of my knowledge, information, and belief formed after a reasonable inquiry.

Date: November 17, 2023

Shaun Youravich, General Manager Hardin County Water District No. 2

CERTIFICATE OF SERVICE

In accordance with the Commission's Order of July 22, 2021 in Case No. 2020-00085 (Electronic Emergency Docket Related to the Novel Coronavirus COVID-19), this is to certify that the electronic filing has been transmitted to the Commission on November 17, 2023; and that there are currently no parties in this proceeding that the Commission has excused from participation by electronic means.

Damon R. Talley

HARDIN COUNTY WATER DISTRICT NO. 2

CASE NO. 2023-00247

Response to Commission Staff's Second Request for Information

Question No. 1

Responding Witness: Shaun Youravich, General Manager

- Q-1. Refer to the Application, Exhibit 8, Schedule of Adjusted Operations, Adjustment D. Provide invoices to support increase in chemical prices.
- A-1. See Attachment 2-1A for a chart comparing the chemical costs between 2022 and 2023, indicating that the District's chemical costs for 2023 are estimated to increase by approximately \$188,472 compared to 2022—a 26.33% increase in costs. An Excel spreadsheet of the same chart is filed separately as Exhibit 2-1A.

See also **Attachment 2-1B** for invoices from calendar year 2022 indicating the unit prices for each chemical and **Attachment 2-1C** for invoices from calendar year 2023 indicating the unit prices for each chemical.

Attachment 2-1A 2022 to 2023 Chemical Cost Comparisons

Hardin County Water District No. 2 Chemical Cost Comparisons

Chemi	ical	Pounds Used in 2022	_	022 Unit ce per lb.	023 Unit ce per lb.		Price Trend 22 to 2023	2	2022 Total Cost	l	023 Total st Estimate*		Cost Trend to 2023
Chlorine	(Ton cylinders)	135,287	\$	0.6700	\$ 1.0500	A	56.72%	\$	90,642	\$	142,051		\$ 51,409
Liquid Ammonium Sulfate 40%	(Bulk delivery)	259,758	\$	0.2200	\$ 0.2550	A	15.91%	\$	57,147	\$	66,238	A	\$ 9,092
Polyaluminum Chloride	(Bulk delivery)	1,870,639	\$	0.2100	\$ 0.2495	A	18.81%	\$	392,834	\$	466,724	A	\$ 73,890
Hydrofluosilicic Acid	(Bulk delivery)	81,581	\$	0.2250	\$ 0.3150	A	40.00%	\$	18,356	\$	25,698		\$ 7,342
Powdered Activated Carbon	(Bulk bags)	100,226	\$	0.7150	\$ 0.8800	•	23.08%	\$	71,662	\$	88,199	A	\$ 16,537
Powdered Activated Carbon	(40-55 lb. bags)	1,806	\$	0.7450	\$ 1.0300	A	38.26%	\$	1,345	\$	1,860	A	\$ 515
Sodium Hydroxide 25%	(Bulk delivery)	683,459	\$	0.1127	\$ 0.1566	A	38.95%	\$	77,026	\$	107,030	A	\$ 30,004
Potassium Permanganate**	(55 lb. buckets - 330.75 lb. drums)	1,219	\$	5.5000	\$ 5.2400	•	-4.73%	\$	6,705	\$	6,388	•	\$ (317)
								\$	715,716	\$	904,188		\$ 188,472

^{*} The Total Cost Estimate for 2023 assumes that the same volume of chemicals were purchased in 2023 as in 2022.

^{**} Hardin County Water District No. 2 purchased both 55 lb. buckets and 330.75 lb. drums of Potassium Permanganate in 2022, but it has instead purchased only 55 lb. buckets in 2023. While there is a minor difference in unit price between the two (with 55 lb. buckets priced 23¢ higher than 330.75 lb. drums in 2022), this comparison uses the unit price for the 330.75 lb. drums for 2022, and the unit price for the 55 lb. buckets for 2023.

Attachment 2-1B

2022 Invoices to Support Increase in Chemical Prices





Chlorine and Potassium Permanganate - 2022

Sold To: 307324

ACCOUNTS PAYABLE

HARDIN COUNTY WATER DISTRICT NO. 2

PO Box 970

Elizabethtown KY 42701

INVOICE

Total Invoice \$4,499.13 Invoice Number 6349140 Invoice Date 12/1/22

4080610

Sales Order Number/Type Branch Plant 71

Shipment Number 4793295

307325 Ship To:

HARDIN COUNTY WATER DISTRICT NO. 2

White Mills WTP 1300 Cave Road Glendale KY 42740

Net Due	Date Terms	FOB Description	Ship Via		C	ustomer P	.0.#	P.	O. Release	Sales Agent #
12/31/22	Net 30	PPD Origin	HWTG		60	92				221
Line #	Item Number	Item Name/ Description		Tax	Qty Shipped	Trans	Unit Price	Price UOM	Weight Net/Gross	Extended Price
1.001	699914	1 Ton Chlorine Cylinder		N	2.0000-	CY	\$0.0000	RT	.0 LB	\$0.00
		CYL 106 A 50 X			2.0000-	RT			3,200.0- GW	

Related Order #: 4080610

Container Barcodes: 104287, 108977

2.000	804974	Chlorine - EPA Reg. No. 7870-2	Ν	2.0000	CY	\$0.6700	LB	4,000.0 LB	\$2,680.00
		2000 LB CYL		4000.0000	LB			6,800.0 GW	

Demurrage charges may be invoiced if not returned timely.

Container Barcodes: 084684, 104481

2.001	699914	1 Ton Chlorine Cylinder	Ν	2.0000	CY	\$0.0000	RT	.0 LB	\$0.00
		CYL 106 A 50 X		2.0000	RT			3,200.0 GW	

Related Order #: 4080610

3.000	12100	Potassium Permanganate FF	Ν	1.0000	DR	\$5.5000	LB	330.8 LB	\$1,819.13
		330.75 LB DNR		330.7500	LB			352.7 GW	

****** Receive Your Invoice Via Email ********

Please contact our Accounts Receivable Department via email at @HawkinsInc.com to get it setup on your account.

Page 1 of 1 Tax Rate Sales Tax \$4,499.13 Invoice Total 0 % \$0.00

No Discounts on Freight or Containers

IMPORTANT: All products are sold without warranty of any kind and purchasers will, by their own tests, determine suitability of such products for their own use. Seller warrants that all goods covered by this invoice were produced in compliance with the requirements of the Fair Labor Standards Act of 1938, as amended. Containers are to be paid for in full, as invoiced, and full refund will be made promptly, provided containers are returned to original point of shipment. Return freight charges to be prepaid. The containers returned must be the same originally shipped, and show no evidence of abuse, or use for purposes other than the storage of original containers. Seller specifically disclaims and excludes any warranty of merchantability and any warranty of fitness for a particular purpose. The "Sold To" party above is the guarantor for purposes of refulfizer laws and regulations.

NO CLAIMS FOR LOSS, DAMAGE OR LEAKAGE ALLOWED AFTER DELIVERY IS MADE IN GOOD CONDITION.

Hawkins, Inc. Please Remit To:

This contractor and subcontractor shall abide by the requirements of 41 CFR §§60-1.4(a), 60-300.5(a) and 60-741.5(a). These regulations prohibit discrimination against qualified individuals based on their status as protected veterans or individuals with disabilities, and prohibit discrimination against all individuals based on their race, color, religion, sex, or national origin. Moreover, these regulations require that covered prime contractors and subcontractors take affirmative action to employ and advance in employment individuals without regard to race, color, religion, sex, national origin, protected veteran status or disability.





Liquid Ammonium Sulfate - 2022

Sold To: 307324

ACCOUNTS PAYABLE

HARDIN COUNTY WATER DISTRICT NO. 2

PO Box 970

Elizabethtown KY 42701

INVOICE

Total Invoice \$6,714.40 6303987 Invoice Number

Invoice Date 9/27/22

4011712 Sales Order Number/Type

Branch Plant 71

Shipment Number 4703189

307325 Ship To:

HARDIN COUNTY WATER DISTRICT NO. 2

White Mills WTP 1300 Cave Road Glendale KY 42740

Net Due	Date Terms	FOB Description	Ship Via		Customer P	O.#	P.	O. Release	Sales Agent #
10/27/22	Net 30	PPD Origin	WAYNE TRANSPORTS	INC	6092		27	70-304-4566	221
Line #	Item Number	Item Name/ Description	Tax	Qty Shipped	Trans d UOM	Unit Price	Price UOM	Weight Net/Gross	Extended Price
1.000	43983	AS4000 40%	N	3,021.782	21 GA	\$0.2200	LB	30,520.0 LB	\$6,714.40
		1 LB BLK		30519.999	92 LB			30,520.0 GW	

******* Receive Your Invoice Via Email ********

Please contact our Accounts Receivable Department via email at or call to get it setup on your account. @HawkinsInc.com

Page 1 of 1

Tax Rate

Sales Tax

0 %

\$0.00

Invoice Total

\$6,714.40

No Discounts on Freight or Containers

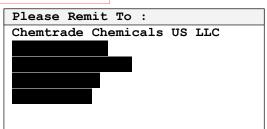
MPORTANT: All products are sold without warranty of any kind and purchasers will, by their own tests, determine suitability of such products for their own use. Sellet warrants that all goods covered by this invoice were produced in compliance with the requirements of the Fair Labor Standards Act of 1938, as amended. Containers are to be paid for in full, as Invoiced, and full refund will be made promptly, provided containers are returned to original point of shipment. Return freight charges to be prepaid. The containers returned must be the same originally shipped, and show no evidence of abuse, or use for purposes other than the storage of original containers. Seller specifically is selled as the product of the process of the storage of original containers. disclaims and excludes any warranty of merchantability and any warranty of fitness for a particular purpose. NO CLAIMS FOR LOSS, DAMAGE OR LEAKAGE ALLOWED AFTER DELIVERY IS MADE IN GOOD CONDITION.

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Polyaluminum Chloride - 2022





Page : 1 of 1

INVOICE

Invoice No. 93466149

If query please quote this number.

Invoice to (Buyer)

Hardin County Water District No. 2 360 RING RD ELIZABETH KY 42702

Consignee

White Mills Treatment Plant 1300 Cave Rd. GLENDALE KY 42740

Invoice Date December 13,2022

Customer Purchase Order	Ship Date	Due	Currency	
6091	Dec 13,2022	Jan 12,2023	US Do	llar
Payment Terms	Customer No	Customer State Tax No	Our GST N	0.
Within 30 days Due net	45016	SD-047-101		
Freight Terms	Via		Туре	Sales Company
Prepaid	Grammer Freight S	ervices, LLC	F2	0014 US24
Shipped From	B/L No.	Vehicle ID	Order No.	
Chemtrade (Augusta, GA), US	81807428	304-L517	28080	14

If you prefer	to wire or ACI	I funds, please send to:
	JP Morga	n Chase Bank
	ABA# (Wires)	:
	ABA# (ACH)	:
	Account	:

			Invoice			USD
Material	Description		Quantity	Price	Per	Amount
2952	HYPER+ION 4064 022406400000	BULK	46940.000	0.21000	LBS	9,857.40
	022400400000		וס	aase Daw	(מפוז)	9 857 40

PRODUCTS. UNLESS OTHERWISE SPECIFIED, TERMS ARE NET 30 DAYS FROM DATE OF INVOICE. LATE CHARGE WILL APPLY ON ALL PAST DUE BALANCES IN ACCORDANCE WITH THE TERMS OF SALE ON THE REVERSE SIDE OF THIS DOCUMENT.





Hydrofluorosilicic Acid - 2022

*** PAGE1 OF 1

Original Document

INVOICE#: BMS294598 INV DATE: 11/21/22 DUE DATE: 1/05/23

SOLD TO:

HARDIN COUNTY WATER DISTRICT#2

P.O. BOX 970

ELIZABETHTOWN KY 42702-0066

SHIP TO:

CITY SPRINGS WATER PLANT 401 WATER WORKS DRIVE

ELIZABETHTOWN KY 42702

FEDERAL ID #:	610504545	DATE SHIPPED:	11/21/22	TERMS: N	NET 45		
ORDER #:	3762438-00			SHIP WHS:	24	SLSPRSN:	422
CUSTOMER #:	521662			SHIP VIA:	OUR TRUCK F	BULK	
CUSTOMER PO#	#: 6096- CITY SPRING	SS		FOB: DE	LIVERED		
FREIGHT TERM:	PREPAID			TAX EX# :	SD-047-101		
PRO NUMBER:	847947597						

PROD #	UNITS SHIPPED	WGT/GAL	TOTAL QTY	UNIT PRICE	EXTENDED
437426	7204.4000	10.29200	7204.4000#	.2250	1,620.99
1.0000 # BULK	HYD	ROFLUOROSILICIC AC	CID 23%		
NSF # BULK	В				

QUESTIONS, CALL

REMIT TO ADDRESS:

MERCHANDISE

1,620.99

IF PAID BY 1/05/23

INVOICE TOTAL USD

1,620.99

PAID AFTER 1/05/23

INVOICE TOTAL USD

1,653.41



Carbon Bulk - 2022

*** PAGE1 OF 1

Original Document

INVOICE#: BMS215961 INV DATE: 8/08/22 DUE DATE: 9/22/22

SOLD TO:

HARDIN COUNTY WATER DISTRICT#2

P.O. BOX 970

ELIZABETHTOWN KY 42702-0066

SHIP TO:

WHITE MILLS

1300 CAVE ROAD

GLENDALE KY 42740

FEDERAL ID #: 610504545	DATE SHIPPED: 8/01/22	22 TERMS: NET 45					
ORDER #: 3649513-00		SHIP WHS: 42	SLSPRSN: 422				
CUSTOMER #: 521662		SHIP VIA: OUR TRUCK - PKG					
CUSTOMER PO#: 6093- WHITE MII	LLS	FOB: DELIVERED					
FREIGHT TERM: PREPAID		TAX EX#: SD-047-101					
PRO NUMBER: 841127747			•				

PROD #	UNITS SHIPPED	WGT/GAL	TOTAL QTY	UNIT PRICE	EXTENDED
26680	10.0000	1.00000	8000.0000#	.7150	5,720.00
800.0000 # SSCK	WAT	ERCARB (WC) PWD 8	800# SSCK		
DONALI	F				

QUESTIONS, CALL

REMIT TO ADDRESS:

MERCHANDISE

5,720.00

IF PAID BY 9/22/22

INVOICE TOTAL USD

5,720.00

PAID AFTER 9/22/22

INVOICE TOTAL USD

5,834.40



Carbon Bags - 2022

*** PAGE1 OF 1

Original Document

INVOICE#: BMS239198 INV DATE: 9/13/22 DUE DATE: 10/28/22

SOLD TO:

HARDIN COUNTY WATER DISTRICT#2

P.O. BOX 970

ELIZABETHTOWN

KY 42702-0066

SHIP TO:

WHITE MILLS

1300 CAVE ROAD

GLENDALE

KY 42740

FEDERAL ID #: 6105	04545	DATE SHIPPED:	9/13/22	TERMS: NET 45					
ORDER #: 369	1680-00			SHIP WHS:	42	SLSPRSN:	422		
CUSTOMER #: 5216	62			SHIP VIA: OUR TRUCK - PKG					
CUSTOMER PO#: 60	093- WHITE MILL	3 .		FOB: DEL	IVERED				
FREIGHT TERM: PREPAID				TAX EX#: SD-047-101					
PRO NUMBER: 8435	25656								

PROD #	UNITS SHIPPED	WGT/GAL	TOTAL QTY	UNIT PRICE	EXTENDED
187205	87.0000	1,00000	4350.0000#	.7450	3,240.75
50.0000 # BAG	WAT	ERCARB (WC) PWD 5	50# BAG		
UANCO	F				
CI	ISTOMER PRODUCT .	ACTIVE CARRON	1 500		

QUESTIONS, CALL

REMIT TO ADDRESS:

MERCHANDISE

3,240.75

IF PAID BY 10/28/22

INVOICE TOTAL USD

3,240.75

PAID AFTER 10/28/22

INVOICE TOTAL USD

3,305.57



Sodium Hydroxide - 2022

Customer Number

20391575

www.jcichemicals.com

*** ORIGINAL *** JCI JONES CHEMICALS, INC.. BEECH GROVE BRANCH LOCATION

Fax: email: @jcichem.com

INVOICE

Inv Date	Invoice #
03/31/2022	882408
Date Shipped	Order/BOL#
03/31/2022	656602

HARDIN CO WTR DIST #2 (N45)

ATTN: ACCTS PAYABLE

PO BOX 970

ELIZABETHTOWN, KY 42702-

USA Т

0

ID #:1

WHITE MILLS PLANT

1300 CAVE ROAD Glendale, KY 42740-

USA

Custo	omer PO #	FOB Remark	Freigh	nt Terms	Sales ID		
	6090	Destination	Del	ivered	SOUTH		
	Release #	Ship Via	Terms	Due Date	Discount Due Date		
		Switzer	N 45	05/15/2022	5/15/2022		
Units Packag	e	Product Name	Total Quantity	Unit Price	Amount		
4,495.32 1 Gal Bulk General Remarks:		CAUSTIC SODA SOL. 25% 1402-001 CAUSTIC SODA SOL 25% (e) E TO: accountspayable@hcwd2.org <>	47,875.0000/lb	0.1127 //b	5,395.51		

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Total:

5,395.51

JCI Jones Chemicals, Inc. **ACCEPTED FORMS OF PAYMENT ARE:**

ACH, WIRE & CREDIT CARD

PLEASE PAY

THIS AMOUNT

Remit To:

JCI Welcomes payments via ACH, EFT and WIRE





Chlorine and Potassium Permanganate - 2022

Sold To: 307324

ACCOUNTS PAYABLE

HARDIN COUNTY WATER DISTRICT NO. 2

PO Box 970

Elizabethtown KY 42701

INVOICE

Total Invoice \$4,499.13 Invoice Number 6349140 Invoice Date 12/1/22

Sales Order Number/Type 4080610

71

Shipment Number 4793295

307325 Ship To:

Branch Plant

HARDIN COUNTY WATER DISTRICT NO. 2

White Mills WTP 1300 Cave Road Glendale KY 42740

Net Due	Date T	Terms	FOB Description	Ship Via		C	Customer P.O.#			O. Release	Sales Agent #
12/31/22	١	Net 30 PPD Origin		HWTG 6092						221	
Line #	Item N	umber	Item Name/ Description		Тах	Qty Shipped	Trans	Unit Price	Price UOM	Weight Net/Gross	Extended Price
1.001	699914	4	1 Ton Chlorine Cylinder		N	2.0000-	CY	\$0.0000	RT	.0 LB	\$0.00
			CYL 106 A 50 X			2.0000-	RT			3,200.0- GW	

Related Order #: 4080610

Container Barcodes: 104287, 108977

2.000 80497	4 Chlorine - EPA Reg. No. 7870-2	N	2.0000	CY	\$0.6700	LB	4,000.0 LB	\$2,680.00
	2000 LB CYL		4000.0000	LB			6,800.0 GW	

Demurrage charges may be invoiced if not returned timely.

Container Barcodes: 084684, 104481

2.001	699914	1 Ton Chlorine Cylinder	N	2.0000	CY	\$0.0000	RT	.0 LB	\$0.00
		CYL 106 A 50 X		2.0000	RT			3,200.0 GW	

Related Order #: 4080610

3.000	12100	Potassium Permanganate FF	Ν	1.0000	DR	\$5.5000	LB	330.8 LB	\$1,819.13
		330.75 LB DNR		330.7500	LB			352.7 GW	

****** Receive Your Invoice Via Email ********

Please contact our Accounts Receivable Department via email at @HawkinsInc.com to get it setup on your account.

Page 1 of 1 Tax Rate Sales Tax 0 % \$0.00

Invoice Total

\$4,499.13

No Discounts on Freight or Containers

IMPORTANT: All products are sold without warranty of any kind and purchasers will, by their own tests, determine suitability of such products for their own use. Seller warrants that all goods covered by this invoice were produced in compliance with the requirements of the Fair Labor Standards Act of 1938, as amended. Containers are to be paid for in full, as invoiced, and full refund will be made promptly, provided containers are returned to original point of shipment. Return freight charges to be prepaid. The containers returned must be the same originally shipped, and show no evidence of abuse, or use for purposes other than the storage of original containers. Seller specifically disclaims and excludes any warranty of merchantability and any warranty of fitness for a particular purpose. The "Sold To" party above is the guarantor for purposes of refulfizer laws and regulations.

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Attachment 2-1C

2023 Invoices to Support Increase in Chemical Prices



ACCOUNTS PAYABLE

Original

INVOICE

Total Invoice \$2,100.00 Invoice Number 6613342 Invoice Date 10/27/23

Sales Order Number/Type 4386443 SL **Branch Plant**

71 Shipment Number 5195423

307326 Ship To:

HARDIN COUNTY WATER DISTRICT NO. 2

401 Waterworks Dr City Springs WTP

Elizabethtown KY 42701-7013

HARDIN COUNTY WATER DISTRICT NO. 2
PO BOX 970

Elizabethtown KY 42702-0970

Net Due Date Terms FOB Description		Ship Via		Customer P.O.#			P.O. Release		Sales Agent #	
11/26/23	Net 30	PPD Origin	HWTG	HWTG 7319			HWTG			221
Line #	Item Number	Item Name/ Description		Tax	Qty Shipped	Trans UOM	Unit Price	Price UOM	Weight Net/Gross	Extended Price
1.001	699914	1 Ton Chlorine Cylinder		N	1.0000-	CY	\$0.0000	RT	.0 LB	\$0.00
		CYL 106 A 50 X			1.0000-	RT			1,600.0- GW	

Related Order #: 4386443

Container Barcodes: 089412

Sold To: 307324

2.000 804974	Chlorine - EPA Reg. No. 7870-2	N	1.0000	CY	\$1.0500	LB	2,000.0 LB	\$2,100.00
	2000 LB CYL		2000.0000	LB			3,400.0 GW	

Demurrage charges may be invoiced if not returned timely.

Container Barcodes: 067939

2.001 699914	1 Ton Chlorine Cylinder	N	1.0000	CY	\$0.0000	RT	.0 LB	\$0.00
	CYL 106 A 50 X		1 0000	RT			1,600.0 GW	

Related Order #: 4386443

******* Receive Your Invoice Via Email ********

Please contact our Accounts Receivable Department via email at @HawkinsInc.com to get it setup on your account.

Page 1 of 1 Tax Rate Sales Tax \$2,100.00 Invoice Total 0 % \$0.00

No Discounts on Freight

No Discounts on Freight

IMPORTANT: All products are sold without warranty of any kind and purchasers will, by their own tests, determine suitability of such products for their own use. Seller warrants that all goods covered by this invoice were produced in compliance with the requirements of the Fair Labor Standards Act of 1938, as amended. Seller specifically disclaims and excludes any warranty of merchantability and any warranty of fitness for a particular purpose.

purpose. NO CLAIMS FOR LOSS, DAMAGE OR LEAKAGE ALLOWED AFTER DELIVERY IS MADE IN GOOD CONDITION.

CHECK REMITTANCE: FINANCIAL INSTITUTION: Hawkins, Inc. US Bank

WIRING CONTACT INFORMATION: Phone Number:

Fax Number:

Account Name: Account #: ABA/Routing# Swift Code#: Type of Account:

CTX (Corporate Trade Exchange) is our preferred method. Please remember to include in the addendum the document numbers pertaining to the payment.

For other than CTX, the remit to information may be emailed to @Hawkinsinc.com

CASH IN ADVANCE/EFT PAYMENTS:

Please list the Hawkins, Inc. sales order number or your purchase order number if the invoice has not been processed yet.

This contractor and subcontractor shall abide by the requirements of 41 CFR §§60-1.4(a), 60-300.5(a) and 60-741.5(a). These regulations prohibit discrimination against qualified individuals based on their status as protected veterans or individuals with disabilities, and prohibit discrimination against all individuals based on their race, color, religion, sex, or national origin. Moreover, these regulations require that covered prime contractors and subcontractors take affirmative action to employ and advance in employment individuals without regard to race, color, religion, sex, national origin, protected veteran status or disability.

Liquid Ammonium Sulfate - 2023



HARDIN COUNTY WATER DISTRICT NO. 2

ACCOUNTS PAYABLE

Elizabethtown KY 42702-0970

PO BOX 970

Sold To: 307324

Original

INVOICE

Total Invoice \$8,032.50 Invoice Number 6590158 Invoice Date 9/1/23

Sales Order Number/Type 4341332 SO

Branch Plant 71

Shipment Number 5135600

307325 Ship To:

HARDIN COUNTY WATER DISTRICT NO. 2

1300 Cave Rd White Mills WTP

Glendale KY 42740-9788

Net Due	Date Terms	FOB Description	Ship Via	С	ustomer P	.O.#	Р.	O. Release	Sales Agent #
10/1/23	Net 30	PPD Origin	WAYNE TRANSPORTS	SINC 7	313		27	70-304-4566	221
Line #	Item Number	Item Name/ Description	Tax	Qty Shipped	Trans UOM	Unit Price	Price UOM	Weight Net/Gross	Extended Price
1.000	43983	AS4000 40%	N	3,118.8118	GA	\$0.2550	LB	31,500.0 LB	\$8,032.50
		1 LB BLK		31499.9992	LB			31,500.0 GW	

********* Receive Your Invoice Via Email ********

Please contact our Accounts Receivable Department via email at @HawkinsInc.com to get it setup on your account.

Page 1 of 1 Tax Rate Sales Tax \$8,032.50 **Invoice Total** 0 % \$0.00

No Discounts on Freight

No Discounts on Freight

IMPORTANT: All products are sold without warranty of any kind and purchasers will, by their own tests, determine suitability of such products for their own use. Seller warrants that all goods covered by this invoice were produced in compliance with the requirements of the Fair Labor Standards Act of 1938, as amended. Seller specifically disclaims and excludes any warranty of merchantability and any warranty of fitness for a particular purpose.

purpose. NO CLAIMS FOR LOSS, DAMAGE OR LEAKAGE ALLOWED AFTER DELIVERY IS MADE IN GOOD CONDITION.

CHECK REMITTANCE: FINANCIAL INSTITUTION: Hawkins, Inc. WIRING CONTACT INFORMATION: Account Name: Account #: ABA/Routing#

Phone Number:

Fax Number:

CTX (Corporate Trade Exchange) is our preferred method. Please remember to include in the addendum the document numbers pertaining to the payment.

For other than CTX, the remit to information may be emailed to

@Hawkinsinc.com

CASH IN ADVANCE/EFT PAYMENTS:

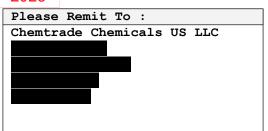
Please list the Hawkins, Inc. sales order number or your purchase order number if the invoice has not been processed yet.

Type of Account: This contractor and subcontractor shall abide by the requirements of 41 CFR §§60-1.4(a), 60-300.5(a) and 60-741.5(a). These regulations prohibit discrimination against qualified individuals based on their status as protected veterans or individuals with disabilities, and prohibit discrimination against all individuals based on their race, color, religion, sex, or national origin. Moreover, these regulations require that covered prime contractors and subcontractors take affirmative action to employ and advance in employment individuals without regard to race, color, religion, sex, national origin, protected veteran status or disability.

Swift Code#:

Polyaluminum Chloride - 2023





Page : 1 of 1

INVOICE

Invoice No. 93618615

If query please quote this number.

Invoice to (Buyer)

Hardin County Water District No. 2 360 RING RD ELIZABETH KY 42702

Consignee

White Mills Treatment Plant 1300 Cave Rd. GLENDALE KY 42740

Invoice Date October 23,2023

Customer Purchase Order	Ship Date Due		Currency		
7311	Oct 23,2023	Nov 22,2023	US Dollar		
Payment Terms	Customer No	Customer State Tax No	Our GST No.		
Within 30 days Due net	45016	SD-047-101			
Freight Terms	Via		Туре	Sales Company	
Prepaid	NEWMAN CARRIERS INC		F2	0014 US24	
Shipped From	B/L No.	Vehicle ID	Order No.		
Chemtrade (East St. Louis, IL), US	81885715	164-1096	2910681		

If you prefer	to wire or ACH funds, please	send to:
	JP Morgan Chase Bank	
	ABA# (Wires) :	
	ABA# (ACH) :	
	Account :	

		Invoice			USD
Material	Description	Quantity	Price	Per	Amount
2952	HYPER+ION 4064 BULK 022406400000	44460.000	0.24950	LBS	11,092.77
	02230030000	Ple	ase Pav	(USD)	11,092.77





Hydrofluosilicic Acid - 2023

*** PAGE 1 OF 1

Original Document

INVOICE#: BMS490586

INV DATE:

8/22/23

DUE DATE: 10/06/23

SOLD TO:

HARDIN COUNTY WATER DISTRICT#2

P.O. BOX 970

ELIZABETHTOWN

KY 42702-0066

SHIP TO:

WHITE MILLS

1300 CAVE ROAD

GLENDALE

KY 42740

FEDERAL ID #: 610504545	DATE SHIPPED: 8/17/23	TERMS: NET 45		
ORDER #: 4001690-00		SHIP WHS: 24 SLSPRSN: 4		
CUSTOMER #: 521662		SHIP VIA: OUR TRUCK BULK		
CUSTOMER PO#: 7310		FOB: DELIVERED		
FREIGHT TERM: PREPAID		TAX EX#: SD-047-101		
PRO NUMBER: 865001739		ž.		

PROD #	UNITS SHIPPED	WGT/GAL	TOTAL QTY	UNIT PRICE	EXTENDED
437426	21996.0000	10.29200	21996.0000#	.3150	6,928.74
1.0000 # BULK	HYD	ROFLUOROSILICIC A	CID 23%		
NSF # BULK					

QUESTIONS, CALL

REMIT TO ADDRESS: BRENNTAG MID-SOUTH, INC

MERCHANDISE

6,928.74

IF PAID BY 10/06/23

INVOICE TOTAL USD

6,928.74

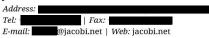
PAID AFTER 10/06/23

INVOICE TOTAL USD

7,067.31

Carbon Bulk - 2023

JACOBI CARBONS INC







Page 1/6

Buyer

Hardin County Water District No. 2 PO Box 970 1951 W. Park Rd. Elizabethtown KY 42702 **United States**

Deliver To

White Mills Treatment Plant 1300 Cave Rd. Glendale, KY 42740

Invoice

Invoice No.: CI-I-5072735 Order No: SO-I-1072065 **Document Date:** 4-Nov-2023 3-Nov-2023 **Despatch Date:** Due Date: 19-Dec-2023 Incoterms: DDP Glendale, Ky Carrier: Schneider Logistics

Payment Terms: Net 45 Days from Invoice Date

Currency: USD Your Order: 7314 Your Reference: John Cruse Sales Rep: Linda Knepper **Our Contact:** Tyler Trutza Email:

@jacobi.net

Line	Description	Qty Ord	Qty Del	Unit	Lot No.	Price	Amount
1	AquaSorb CP1 PAC-F 1000 lbs BN-D2-LS 2BP Spec: SP002140	6,000.00	6,000.00	lb	8022120114	0.880	5,280.00
2	AquaSorb CP1 PAC-F 1000 lbs BN-D2-LS 2BP Spec: SP002140	4,000.00	4,000.00	lb	8022120117	0.880	3,520.00

Subtotal 8,800.00

Total Amount USD 8,800.00

Remit To:

Lockbox address: Jacobi Carbons, Inc.

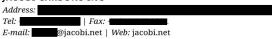
ACH/Wire Payments:





Carbon Bags - 2023

JACOBI CARBONS INC







Page 1/5

Buyer

Hardin County Water District No. 2 PO Box 970 1951 W. Park Rd. Elizabethtown KY 42702 **United States**

Deliver To

City Springs 401 Water Works Dr Elizabethtown, KY 42702

Invoice

Invoice No.: CI-I-5071410 Order No: SO-I-1070729 **Document Date:** 6-Apr-2023 **Despatch Date:** 4-Apr-2023 **Due Date:** 21-May-2023

Incoterms: DDP Elizabethtown, KY

Carrier: Priority 1

Payment Terms: Net 45 Days from Invoice Date

Currency: USD Your Order: 7320 Your Reference: John Cruse Sales Rep: Linda Knepper **Our Contact:** Tyler Trutza Email:

@jacobi.net

Line	Description	Qty Ord	Qty Del	Unit	Lot No.	Price	Amount
1	AquaSorb CP1 PAC-F 44 lbs PN 24BP	2,112.00	2,112.00	lb	8022010595	1.030	2,175.36

Subtotal 2,175.36 Total Amount USD 2,175.36

Remit To:

Lockbox address: Jacobi Carbons, Inc.



ACH/Wire Payments:

ABA# SWIFT# Account Name: Account Number







INVOICE

ORIGINAL Page 1(1)



5			Page 1(1)
	Invoice Number	Invoice Date	Due Date
	51589821	26 Oct 2023	10 Dec 2023
Remittance Instructions Below.	P.O.Number	Payment Terms	Payer Number
	7315	Net 45 Days	809972
	Shipped From	Sales Order Num	Bill-To Number
	CINCINNATI DUES DRIVE P BLK	14044235	809972
1	Bill of Lading Number 6600720938	Incoterms: DDP Dest, Frt Prepaid	Ship-To Number 803712

Billing address HARDIN COUNTY WATER PO BOX 970 DISTRICT 2 ELIZABETHTOWN KY 42702 Shipping address HARDIN COUNTY WATER 1300 CAVE RD (OFF HWY 84) DISTRICT 2 GLENDALE KY 42740

Qty.	UoM	Material Number	Material Description	Batch Number	Billing Qty	UoM	Unit Price	Amount USD
45,240.000	LB	16141867	CAUSTIC SODA 25% BULK NSF-DIAPHRAGM LIQ Na2O % - 19.79	0003336503	45,240.000	LB	0.1566	7,084.58
			4:		1,	. Tatal		<u>-</u>
invoice, ple	ease co	nny questions regardintact ROMERO Customo	- I		USD	e Total :		7,084.58
Pay Online Sign in or regi www.univarsole Remit to	ister on	finvoices	ACH Electronic Funds Transfer Univar Solutions USA Inc. Account Number	WIRE Transfer Inte Univar Solutions USA Inc. Account Number	ernational			
			Routing Number:	Routing Number DOM, WI SWIFT Code INTL, WIRES				
Please reti	urn rem	invoice number on the ittance advice with ped invoices within 10 and 10	e remittance. payment or email to:	varsolutions.com puted invoices remain a	s listed			
Comment	\$:							

Federal ID number 91-1347935

The terms and conditions of this sale are set forth at http://www.univarsolutions.com/sales-terms

Print date

31 Oct 2023



Potassium Permanganate - 2023

MV96:DATE	INVOIC	NUMBER		
04/30/2023	S100214790.001			
REMIT TO: CITCO Water		PACE NO.		
		1 of 1		

BILL TO:

SHIP TO:

HARDIN COUNTY WATER DIST #2 P O BOX 970 ELIZABETHTOWN, KY 42702 HARDIN COUNTY WATER DIST #2 WATER PLANT 1300 CAVE ROAD GLENDALE, KY 42740

CUSTOMER NUMBER	: ICUSTOMER PONUMBER		JOB NAME / RELEASE NUMB	R SALE	SALESPERSON		
3733	3733 7318		CITY SPRINGS	Tony O	mohundro		
		SHPWA	TERMS	SHIP PATE	ORDER DATE		
Jonathon Kuchenbrod		BLUEGRASS	NET 30 DAYS	04/30/2023	04/24/2023		
	TY:	DESC	RIPTION:	UNIT PRICE	EXTPRICE		
2ea	5.1, PG	POTASSIUM PE II, CARUS, 55LB		288.200/ea	576.40		
Invoice is due by 05/30/2023 Past Due invoices may be subject to 1.50% late charge. Effective June 1, 2022, CITCO Water is updating its ACH/wire instructions as outlined below. Please continue to send all remittance PLEASE BE ADVISED THAT EFFECTIVE APRIL 1, 2021, CITCO Water IS CHANGING OUR POLICY ON ACCEPTING PAYMENTS BY USE OF A CREDIT CARD PAYMENTS AT TIME OF DELIVERY WILL BE ACCEPTED WITH NO CREDIT CARD FEE ALL OTHER PAYMENTS WITH A CREDIT CARD WILL BE CHARGED A 3.5% FEE IN ADDITION TO THE PAYMENT AMOUNT. FOR QUESTIONS, PLEASE CALL.		Subtotal S&H Charges Tax Payments	576.40 0.00 0.00 0.00				
IN ADDITION TO THE PAYMENT AMOUNT. FOR QUESTIONS, PLEASE CALL. Inted By, KLAKRY on 5/3/2023 9:12:40 AM			Amount Due	576.40			

HARDIN COUNTY WATER DISTRICT NO. 2

CASE NO. 2023-00247

Response to Commission Staff's Second Request for Information

Question No. 2

Responding Witness: Shaun Youravich

- Q-2. Refer to the Application, Exhibit 32, Rate Study Adjustments. Describe the purpose of the \$40,500 in year-end bonuses for employees.
- A-2. The purpose of the year-end bonuses in the amount of \$500 per employee, except for the Commissioners, $(81 \times $500 = $40,500)$ is to reward the employees for their continued employment with the District and to boost their morale. It serves as an incentive for the employees to continue their employment with the District.

The District acknowledges, however, that the annual payment of these bonuses is not mandated by any written District policy nor is it listed in the Employee Handbook. Therefore, it fails to meet the "known" part of the "known and measurable" test for inclusion in the revenue requirements for the District. Thus, the \$40,500 amount of the bonuses should be **excluded** from the calculation of the District's revenue requirements.

HARDIN COUNTY WATER DISTRICT NO. 2

CASE NO. 2023-00247

Response to Commission Staff's Second Request for Information

Question No. 3

Responding Witnesses: Shaun Youravich and Michael L. Bell, Chairman

- Q-3. Describe the benefits that are provided to Hardin District No. 2's board of commissioners (Board).
 - a. Provide the start date of each benefit for the Board.
 - b. Provide Board minutes for approval of benefits for the Board.
- A-3. With the exception of Short- and Long-Term Disability Insurance, the District provides the same benefits to its Commissioners that are provided to all its other employees. Short- and Long-Term Disability Insurance is apparently not available to the District's Commissioners due to the level of their salary. Also, the District does not provide any year-end bonus payments to its Commissioners.

As stated in the responses to Questions 24, 25, 26, and 27 of the District's Response to Commission Staff's First Request for Information, the District provides all its employees, including Commissioners, the following benefits:

- 1. Health Insurance
- 2. Dental Insurance
- 3. Vision Insurance
- 4. Term Life Insurance
- 5. Retirement Plan through the County Employees Retirement System

- 6. Supplemental Retirement Plan through the Kentucky Public Employees Deferred Compensation Authority ("KDC"). All District employees, including the Commissioners, **may** participate in a Tax Deferred 457 Plan or a 401(k) Plan through KDC. The District does **not** match any contribution.
- 7. FICA Taxes. Since the Commissioners are employees and not independent contractors, the District must withhold FICA taxes from each Commissioner's salary and match the Social Security and Medicare withholdings.¹
- a. All of these benefits have been provided to all District employees, including its Commissioners, since long before any of the current Commissioners were appointed as Commissioners. After a diligent and exhaustive search of its Minutes, the District has located the Minutes of its September 14, 1982 Board meeting, which is responsive to this question. At this Board meeting, the Board of Commissioners adopted a Resolution for the District to participate in the County Employees Retirement System. The District has been unable to locate any other Minutes which are responsive to this question.
- b. **Attachment 2-3** includes the Minutes of the September 14, 1982 Board meeting and the Resolution authorizing the District to participate in the County Employees Retirement System.

-

¹ Electronic Application of McCreary County Water District for an Alternative Rate Adjustment, Case No. 2021-00300, Order at 18-20 (Ky. PSC Sept. 30, 2022).

Attachment 2-3

Board Minutes



COMMISSIONERS Chairman: FRAISUR REESOR Route 5 Elizabethtown, Ky.

DELBERT PARRETT, MANAGER

Sec.-Treas.
BURTON LANGLEY
Route 9
Elizabethtown, Ky.

Route 5
Elizabethtown, Ky.

HARDIN COUNTY WATER DISTRICT NO. 2

HWY. 62 & HILLCREST P. O. BOX 66 ELIZABETHTOWN, KENTUCKY 42701 Phone 737-1056

The regular monthly meeting of the Hardin County Water District No. 2 was held Tuesday, September 14, 1982. Present were: Fraisur Reesor, Coleman Crady, Burton Langley and Delbert Parrett.

Mr. Jerry Barnes and Ron VanDiver were present to request water line extension on Walnut Creek Road. Mr. Reesor moved we extend the water line if Brown & VanDiver pay \$1,500.00 each. Mr. Crady second the motion. Three yes.

Mr. Langley moved to allow the employees of Hardin County Water District No. 2, to vote as to which hospitalization plan they wish to represent them. Mr. Reesor second the motion. Three yes.

Mr. Crady moved to enter into the County Employees Retirement

System program for the employees of Hardin County Water District No. 2.

This program to be retroactive to the inception of the Water District.

This program to take the place of a salary increase for all employees.

This program to be effective January 1, 1983

. Mr. Reesor second the motion. Three yes.

Mr. Crady moved to pay all monthly bills. Mr. Langley second the motion. Three yes.

Mr. Langley moved we approve last months minutes. Mr. Reesor second the motion. Three yes.

Mr. Reesor moved we advertise for a load of 4" PVC pipe for general use in the district. Mr. Langley second the motion. Three yes.

Fralsur Reesor

Chairman



COMMISSIONERS
Chairman:
FRAISUR REESOR
Route 5
Elizabethtown, Ky.

DELBERT PARRETT, MANAGER

Sec.-Treas.
BURTON LANGLEY
Route 9
Elizabethtown, Ky.

Route 5
Elizabethtown, Ky.

HARDIN COUNTY WATER DISTRICT NO. 2

HWY. 62 & HILLCREST P. O. BOX 66 ELIZABETHTOWN, KENTUCKY 42701 Phone 737-1056

The governing body of the <u>HARDIN COUNTY WATER DIST, NO. 2</u> has adopted the appropriate Resolution to participate in the County Employes Retirement System effective <u>JAN. 1, 1483</u>, and

Whereas, the governing body of this agency is cognizant of the requirements and benefits of the County Employes Retirement System as provided for in KRS 78.510 to 78.990, and

Whereas, the governing body of this agency is aware of the provisions under KRS 78.530-2, once a county or school board participates it shall thereafter continue to participate except as provided in KRS 78.535, and

Whereas, that the provisions under KRS 78.535 and subsections have been fully explained to the governing body of this agency.

Now therefore, be it resolved that the governing body is aware of the continuing liability if the agency should be terminated under th provisions of KRS 78.535.

Fraisur Reesor, Chairman of Board of Directors

Burton Langley Sec. - Treas

HARDIN COUNTY WATER DISTRICT NO. 2

CASE NO. 2023-00247

Response to Commission Staff's Second Request for Information

Question No. 4

Responding Witness: Mandy Isham, Finance Manager

- Q-4. Refer to the Application, Exhibit 9A, Table B, Debt Service Schedule. Provide an updated debt service schedule that includes 2024 through 2026 Three-Year Average Annual Principal with Interest and the Three-Year Average Annual Coverage.
- A-4. See **Attachment 2-4** for the District's Debt Service Schedule for 2024 through 2026. The three-year average principal and interest amount is \$1,659,863. The annual coverage amount is \$331,973.

Attachment 2-4 Updated Debt Service Schedule

ATTACHMENT 2-4 DEBT SERVICE SCHEDULE (2024-2026)

	2024		2025		2026		
Bonds and Loans	Principal	Interest &	Principal	Interest &	Principal	Interest &	TOTALS
		Fees		Fees		Fees	
RD Series 2010A	0	0	0	0	0	0	0
RD Series 2012	230,000	119,238	235,000	113,425	245,000	107,119	1,049,781
RD Series 2016A	43,000	124,913	44,500	123,258	46,500	121,545	503,716
RD Series 2016B	235,000	18,075	240,000	10,950	245,000	3,675	752,700
RD Series 2016C	310,000	14,250	320,000	4,800	0	0	649,050
Elizabethtown (1)	296,956	103,044	305,108	94,892	313,483	86,517	1,200,000
Series 2022A	247,700	28,237	250,400	24,625	252,400	20,980	824,342
TOTALS	1,362,656	407,756	1,395,008	371,950	1,102,383	339,835	4,979,589
TOTAL P&I		1,770,412		1,766,958		1,442,218	

3-Year Average Annual Principal and Interest (2024-2026): \$ 1,659,863 3-Year Average Annual Coverage (20%): \$ 331,973

Note:

(1) During 2014, the KY PSC approved an asset purchase agreement between the Water District and the City of Elizabethtown, Kentucky for the District's purchase of certain water system assets of the City. The agreement requires the District to pay a note to the City for \$8,000,000 based on twenty annual installments.

HARDIN COUNTY WATER DISTRICT NO. 2

CASE NO. 2023-00247

Response to Commission Staff's Second Request for Information

Question No. 5

Responding Witness: Shaun Youravich

- Q-5. Refer to the Application, Attachment 37, Nonrecurring Charges Cost Justification Sheets, page 1 of 8 and page 5 of 8. Provide the calculation for the Miscellaneous Expense Transportation equaling \$19.65.
- A-5. The Miscellaneous Expense Transportation was calculated by multiplying the average round trip distance (30 miles) from the District's office to the customer location by the 2023 IRS mileage rate of \$0.655 per mile (30 miles x \$0.655 = \$19.65).