

## **ELDRIDGE ELECTRIC AND WATER UTILITY BOARD**

August 8, 2023  
5:00 pm  
City Hall, 305 N. 3<sup>rd</sup> Street

1. Call to order
2. Public Comment
3. Approval of Agenda
4. **Approval of Minutes –July 18, 2023**
  
5. Financial
  - A. **Consideration to Approve Bills Payable**
  
6. Electric Department – Mike Anderson
  - A. CMPAS Presentation
  - B. Department update
  
7. Water Department – Brock Kroeger
  - A. **Water test results**
  - B. KLM Update
  - C. **ISG Update**
  - D. Department Update
  
8. Administrative –
  - A. Department Update
  
9. Adjournment

**NEXT REGULAR MEETING Tuesday, August 22, 2023 at 5:00pm**

The regular meeting of the Eldridge Electric and Water Utility Board was called to order at 5:00 P.M. on July 18, 2023, at Eldridge City Hall.

Board members present were Mike Anderson, Barb O'Brien, Paula Steward and Jim Skadal. Brock Kroeger was absent. Also, present Jake Rowe and Jody Coffman. No visitors.

Public Comment- None

Motion by Anderson, second by Steward to approve the agenda All ayes.

Motion by O'Brien second by Steward to approve the minutes from July 5, 2023. All ayes.

FINANCIAL – Motion by Skadal to approve bills payable in the amount of \$308,437.44, second by Anderson. All ayes.

ELECTRIC –

Department update: The crew has all the lines in for Ivy Acres, they are just waiting for Bortec to finish. Grunwald Grove is almost ready to set the lines, still waiting to hear from Resco on when the transformers will be allotted for 2024.

WATER-

Department update: Regal Manufacturing received the regulator, we are just waiting for an official statement. We are getting pricing for two new regulators and if PAPRs will work for our needs. Annual samples are due. ISG will be here in the next two weeks.

ADMINISTRATION-

Department update: ADP training will be next week. We need to decide how we will go forward with CDL training with the new regulations.

Motion by Steward to adjourn the meeting at 5:19 P.M., second by Anderson. All ayes.

Jody Coffman  
Billing Clerk

Utility Bills Payable for AUGUST 8, 2023

AUXIANT	98.55
TOTAL CHECKS	46,361.87
MidAmerican Wire Transfer- WS4 -	91,000.00
Louisa energy charge -	38,000.00
CMMPA	
Credit Cards	
PAYROLL JULY 22, 2023	\$29,245.62
PAYROLL AUGUST 5, 2023	28,870.63
TOTAL	<b>233,576.67</b>

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
1	EPKES CLOCK REPAIR							
I-000202307143740	US REFUND	R	7/14/2023			225386		
630 2033	DEPOSIT REFUNDS PAYABLE	03-0390-05		64.84				64.84
1	PRATT, SHARON							
I-000202307143741	US REFUND	R	7/14/2023			225387		
630 2033	DEPOSIT REFUNDS PAYABLE	05-0450-04		40.75				40.75
002854	STYMIEST, BRYSON							
I-202307143742	CLOTHING ALLOWANCE	R	7/14/2023			225388		
600 5-810-6181	CLOTHING ALLOWANCE	CLOTHING ALLOWANCE		192.55				192.55
000215	IA ASSN. MUNICIPAL UTIL.							
I-28386	JULY-SEPT SAFETY TRAINING	R	7/17/2023			225389		
600 5-810-6213	DUES AND LICENSES	JULY-SEPT SAFETY TRA		1,280.71				
630 5-820-64401	I.A.M.U	JULY-SEPT SAFETY TRA		1,280.71				2,561.42
000231	COMMUNITY ACTION OF EASTERN IO							
I-202307203746	PROJECT SAHRE	R	7/20/2023			225390		
630 5-820-64131	PROJECT SHARE REMITTANCE	PROJECT SAHRE		29.00				29.00
000890	DELTA DENTAL							
I-30002000002202308	BENEFITS	R	7/20/2023			225391		
600 5-810-6150	GROUP INSURANCE	DELTA DENTAL		330.30				
630 5-820-6150	GROUP INSURANCE	DELTA DENTAL		162.13				492.43
002227	UNUM LIFE INSURANCE COMPANY OF							
I-0851740-001 1	BENEFITS	R	7/20/2023			225392		
600 5-810-6150	GROUP INSURANCE	LIFE INSURANCE		105.48				
630 5-820-6150	GROUP INSURANCE	LIFE INSURANCE		168.99				274.47
000033	WELLMARK BLUE CROSS							
I-231920000609U	BENEFITS	R	7/20/2023			225393		
600 5-810-6150	GROUP INSURANCE	PREMIUMS		1,925.32				
630 5-820-6150	GROUP INSURANCE	PREMIUMS		4,260.79				6,186.11
1	LAWSON, JENNA							
I-000202307213747	US REFUND	R	7/21/2023			225394		
630 2033	DEPOSIT REFUNDS PAYABLE	07-0591-06		1.37				1.37
1	GAMMIE, KATHLEEN							
I-000202307283756	US REFUND	R	7/28/2023			225395		
630 2033	DEPOSIT REFUNDS PAYABLE	01-6095-04		121.51				121.51

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
000459	U.S. POST OFFICE							
I-202307313758	U.S. POST OFFICE	R	7/31/2023			225396		
630 5-820-6508	POSTAGE	U.S. POST OFFICE		946.57				946.57
002031	ACCESS SYSTEMS LEASING							
I-34503196U	CITY SHOP COPIER LEASE	R	8/04/2023			225397		
630 5-820-6310	B & G MATERIAL	CITY SHOP COPIER LEA		88.73				
I-34549686U	CITY HALL COPIER LEASE	R	8/04/2023			225397		
630 5-820-6450	OTHER CONTRACTED SERVICES	CITY HALL COPIER LEA		54.97				143.70
001209	BORTEC INC							
I-4664	INSTALL URD IVY ACRES	R	8/04/2023			225398		
630 5-820-6450	OTHER CONTRACTED SERVICES	INSTALL URD IVY ACRE		3,148.00				3,148.00
000131	CINTAS CORPORATION							
I-416140125U	MATS	R	8/04/2023			225399		
630 5-820-6310	B & G MATERIAL	MATS		48.49				
I-4161420177U	MATS	R	8/04/2023			225399		
630 5-820-6310	B & G MATERIAL	MATS		42.69				91.18
002442	COBRA HELP							
I-290514U	ACTIVE INSURED EMPLOYEES	R	8/04/2023			225400		
821 5-630-6184	UTILITY INSURANCE REIMBURSEMENT	ACTIVE INSURED EMPLO		17.50				17.50
000332	DAKOTA SUPPLY GROUP							
I-S102910974.001	1" METER CPLG	R	8/04/2023			225401		
600 5-810-6560	INTO INVENTORY	1" METER CPLG		156.00				156.00
000103	ELDRIDGE WELDING							
I-109042	BUCKET STRAIGHT, EDGE ADAPTER	R	8/04/2023			225402		
630 5-820-6332	VEHICLE MAINTENANCE	BUCKET STRAIGHT, EDG		60.00				60.00
000125	FLETCHER-REINHARDT CO.							
I-S1304956.001	TRANSFORMER LOGS	R	8/04/2023			225403		
630 5-820-6507	OPERATING SUPPLIES & MATERIALS	TRANSFORMER LOGS		604.76				604.76
001544	G T SPORTS UNLIMITED							
I-1003200	SHIRTS FOR BRYSON	R	8/04/2023			225404		
600 5-810-6181	CLOTHING ALLOWANCE	SHIRTS FOR BRYSON		39.00				39.00
000140	GRAINGER							
I-9783999528	PRESSURE SWITCH, GAUGE	R	8/04/2023			225405		
600 5-810-6311	WATER PLANT MAINTENANCE	PRESSURE SWITCH, GAU		99.98				99.98

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
003226	HAWKINS INC.							
I-6525475	CHLORINE CYLINDER	R	8/04/2023			225406		
600 5-810-6501	TREATMENT MATERIALS	CHLORINE CYLINDER		10.00				10.00
000228	IOWA ONE CALL							
I-252292	LOCATES	R	8/04/2023			225407		
630 5-820-6450	OTHER CONTRACTED SERVICES	LOCATES		374.20				374.20
000591	LIGHTING MAINTENANCE							
I-11862	WELL #3 AMP METER	R	8/04/2023			225408		
600 5-810-6311	WATER PLANT MAINTENANCE	WELL #3 AMP METER		3,500.31				
I-13293	HS #2 VFD	R	8/04/2023			225408		
600 5-810-6311	WATER PLANT MAINTENANCE	HS #2 VFD		197.20				3,697.51
000777	MENARDS							
I-14700	DEHUMIDIFIER	R	8/04/2023			225409		
600 5-810-6310	B & G MATERIAL	DEHUMIDIFIER		215.83				215.83
002608	MERSCHMAN HARDWARE							
I-50149	WASP & HORNET KILLER	R	8/04/2023			225410		
600 5-810-6310	B & G MATERIAL	WASP & HORNET KILLER		4.99				
I-50377	PAINT BRUSH	R	8/04/2023			225410		
600 5-810-6310	B & G MATERIAL	PAINT BRUSH		14.74				19.73
001512	MIDAMERICAN ENERGY COMPANY							
I-202307273753	UTILTY	R	8/04/2023			225411		
600 5-810-6371	UTILITIES	401 S 16TH AVE GENER		11.73				
600 5-810-6371	UTILITIES	853 N 1ST GENERATOR		13.72				
600 5-810-6371	UTILITIES	851N 1ST ST WELL 5		15.70				
630 5-820-6371	UTILITIES	120 E IOWA ST		12.72				
600 5-810-6371	UTILITIES	503 W DONAHUE ST		115.07				
600 5-810-6371	UTILITIES	212 N 3RD ST		13.23				182.17
001758	MILLS CHEVROLET							
I-5146023	HARNESS	R	8/04/2023			225412		
630 5-820-6332	VEHICLE MAINTENANCE	HARNESS		50.95				50.95
002685	MRA							
I-440866U	ANNUAL MEMBERSHIP	R	8/04/2023			225413		
630 5-820-6450	OTHER CONTRACTED SERVICES	ANNUAL MEMBERSHIP		187.50				
600 5-810-6520	OTHER CONTRACTED SERVICES	ANNUAL MEMBERSHIP		187.50				375.00
000254	QUAD CITIES TAS							
I-2307100064U	ANSWERING SERVICES	R	8/04/2023			225414		
630 5-820-6416	DUES AND ASSESSMENTS	ANSWERING SERVICES		32.00				
600 5-810-6213	DUES AND LICENSES	ANSWERING SERVICES		32.00				64.00

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
002272	QUAD CITIES WINWATER CO							
I-033380 02	HYDRANT MARKERS	R	8/04/2023			225415		
600 5-810-63711	OPERATING SUPPLIES & MATERIAL			380.00				
I-033642 01	POLYWRAP	R	8/04/2023			225415		
630 5-810-6560	INTO INVENTORY			173.16				553.16
000935	RESCO							
I-902755-00	SINGLE PHASE CABINET	R	8/04/2023			225416		
630 5-820-6560	INTO INVENTORY			2,000.00				2,000.00
000418	SKARSHAUG TESTING LAB							
I-270338	GLOVE CLEAN/TEST/SEAL	R	8/04/2023			225417		
630 5-820-6457	SAFETY TESTING			74.24				74.24
000439	TERRY-DURIN CO.							
C-CM122238-00	OVERPAYMENT CREDIT INV 122238	R	8/04/2023			225418		
630 5-820-6560	INTO INVENTORY			1,019.63CR				
I-139539-00	1/0 PRI WIRE	R	8/04/2023			225418		
630 5-820-67811	CAPITAL PROJECTS			21,824.47				20,804.84
002229	TSS							
I-68835	GABE STRICKER	R	8/04/2023			225419		
630 5-820-6601	MISC. ADMINISTRATION			87.50				87.50
002154	VERBRAAK WELDING							
I-5329-0	REPLACE NEW PIPE IN WATER PLAN	R	8/04/2023			225420		
600 5-810-6311	WATER PLANT MAINTENANCE			1,486.40				1,486.40
000691	VERIZON WIRELESS							
I-9939251993U	UTILITY CELLULAR	R	8/04/2023			225421		
630 5-820-6373	TELEPHONE & INTERNET			122.63				
600 5-810-6373	TELEPHONE & INTERNET			159.42				282.05
000650	WEX BANK							
I-90514220U	FUEL	R	8/04/2023			225422		
600 5-810-6331	VEHICLE OPERATION			329.40				
630 5-820-6331	VEHICLE OPERATION			483.75				813.15

VENDOR SET: 01 City of Eldridge  
 BANK: 00 FIRST CENTRAL UTILITY  
 DATE RANGE: 0/00/0000 THRU 99/99/9999

VENDOR I.D.	NAME	STATUS	CHECK DATE	AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
* * T O T A L S * *								
		NO		INVOICE AMOUNT				CHECK AMOUNT
	REGULAR CHECKS:	37		46,361.87		0.00		46,361.87
	HAND CHECKS:	0		0.00		0.00		0.00
	DRAFTS:	0		0.00		0.00		0.00
	EFT:	0		0.00		0.00		0.00
	NON CHECKS:	0		0.00		0.00		0.00
	VOID CHECKS:	0	VOID DEBITS	0.00				
			VOID CREDITS	0.00	0.00	0.00		

TOTAL ERRORS: 0

\*\* G/L ACCOUNT TOTALS \*\*

G/L ACCOUNT	NAME	AMOUNT
600 5-810-6150	GROUP INSURANCE	2,361.10
600 5-810-6181	CLOTHING ALLOWANCE	231.55
600 5-810-6213	DUES AND LICENSES	1,312.71
600 5-810-6310	B & G MATERIAL	235.56
600 5-810-6311	WATER PLANT MAINTENANCE	5,283.89
600 5-810-6331	VEHICLE OPERATION	329.40
600 5-810-6371	UTILITIES	169.45
600 5-810-63711	OPERATING SUPPLIES & MATERIAL	380.00
600 5-810-6373	TELEPHONE & INTERNET	159.42
600 5-810-6501	TREATMENT MATERIALS	10.00
600 5-810-6520	OTHER CONTRACTED SERVICES	187.50
600 5-810-6560	INTO INVENTORY	329.16
	*** FUND TOTAL ***	10,989.74
630 2033	DEPOSIT REFUNDS PAYABLE	228.47
630 5-820-6150	GROUP INSURANCE	4,591.91
630 5-820-6310	B & G MATERIAL	179.91
630 5-820-6331	VEHICLE OPERATION	483.75
630 5-820-6332	VEHICLE MAINTENANCE	110.95
630 5-820-6371	UTILITIES	12.72
630 5-820-6373	TELEPHONE & INTERNET	122.63
630 5-820-64131	PROJECT SHARE REMITTANCE	29.00
630 5-820-6416	DUES AND ASSESSMENTS	32.00
630 5-820-64401	I.A.M.U	1,280.71
630 5-820-6450	OTHER CONTRACTED SERVICES	3,764.67
630 5-820-6457	SAFETY TESTING	74.24
630 5-820-6507	OPERATING SUPPLIES & MATERIALS	604.76
630 5-820-6508	POSTAGE	946.57
630 5-820-6560	INTO INVENTORY	980.37



VENDOR SET: 01 City of Eldridge  
BANK: 00 FIRST CENTRAL UTILITY  
DATE RANGE: 0/00/0000 THRU 99/99/9999

\*\* G/L ACCOUNT TOTALS \*\*

G/L ACCOUNT	NAME	AMOUNT
630 5-820-6601	MISC. ADMINISTRATION	87.50
630 5-820-67811	CAPITAL PROJECTS	21,824.47
	*** FUND TOTAL ***	35,354.63
821 5-630-6184	UTILITY INSURANCE REIMBURSEMEN	17.50
	*** FUND TOTAL ***	17.50

VENDOR SET: 01	BANK: 00	TOTALS:	NO	INVOICE AMOUNT	DISCOUNTS	CHECK AMOUNT
			37	46,361.87	0.00	46,361.87
BANK: 00		TOTALS:	37	46,361.87	0.00	46,361.87
REPORT TOTALS:			37	46,361.87	0.00	46,361.87

SELECTION CRITERIA

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VENDOR SET: 01-City of Eldridge  
VENDOR: ALL  
BANK CODES: Include: 00  
FUNDS: All

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CHECK SELECTION

CHECK RANGE: 225386 THRU 225422  
DATE RANGE: 0/00/0000 THRU 99/99/9999  
CHECK AMOUNT RANGE: 0.00 THRU 999,999,999.99  
INCLUDE ALL VOIDS: YES

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PRINT OPTIONS

SEQUENCE: CHECK NUMBER

PRINT TRANSACTIONS: YES  
PRINT G/L: YES  
UNPOSTED ONLY: NO  
EXCLUDE UNPOSTED: NO  
MANUAL ONLY: NO  
STUB COMMENTS: NO  
REPORT FOOTER: NO  
CHECK STATUS: NO  
PRINT STATUS: \* - All

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## Laboratory Report

**Eldridge, City of**  
 Jake Rowe  
 305 North 3rd Street  
 Eldridge, IA 52748

**Date Received:** 07/11/23 11:57  
**Date Reported:** 08/02/23 15:37  
**Project:** PWS ID # IA8230008 Eldridge  
 Send Invoice to AP

Analyte	Result	Units	Analyzed	Analyst	Method	Notes
<b>Sample ID: 212 N. 3rd St Grab</b>		<b>Date Sampled: 07/10/23 10:13</b>		<b>Date Received: 07/11/23 11:57</b>		
<b>Lab No.: 23G1118-01</b>		<b>Sampled by: Tate Olson</b>				

**Classical Chemistry Parameters**

Total Coliforms	Negative	MPN/100 mL	07/11/23 12:06	ad	SM 9223B	
Field Chlorine	3.20	mg/L	07/10/23 10:13	Tate Olson	SM 4500 Cl G	

Analyte	Result	Units	Analyzed	Analyst	Method	Notes
<b>Sample ID: 120 S. 3rd Ave Grab</b>		<b>Date Sampled: 07/10/23 10:51</b>		<b>Date Received: 07/11/23 11:57</b>		
<b>Lab No.: 23G1118-02</b>		<b>Sampled by: Bryson Stymiest</b>				

**Classical Chemistry Parameters**

Total Coliforms	Negative	MPN/100 mL	07/11/23 12:06	ad	SM 9223B	
Field Chlorine	3.22	mg/L	07/10/23 10:51	Bryson S	SM 4500 Cl G	

Analyte	Result	Units	Analyzed	Analyst	Method	Notes
<b>Sample ID: 102 W. Harvest St Grab</b>		<b>Date Sampled: 07/11/23 8:43</b>		<b>Date Received: 07/11/23 11:57</b>		
<b>Lab No.: 23G1118-03</b>		<b>Sampled by: Tate Olson</b>				

**Classical Chemistry Parameters**

Total Coliforms	Negative	MPN/100 mL	07/11/23 12:06	ad	SM 9223B	
Field Chlorine	3.30	mg/L	07/11/23 8:43	Tate Olson	SM 4500 Cl G	

Analyte	Result	Units	Analyzed	Analyst	Method	Notes
<b>Sample ID: 1075 Rustic View Ct Grab</b>		<b>Date Sampled: 07/11/23 8:21</b>		<b>Date Received: 07/11/23 11:57</b>		
<b>Lab No.: 23G1118-04</b>		<b>Sampled by: Tate Olson</b>				

**Classical Chemistry Parameters**

Total Coliforms	Negative	MPN/100 mL	07/11/23 12:06	ad	SM 9223B	
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Analysis Certified by:



Amy Dobbela For Randall Wanke, Laboratory Director

Randal Wanke, Laboratory Director

Eldridge, City of  
 305 North 3rd Street  
 Eldridge IA, 52748

Project: PWS ID # IA8230008 Eldridge

Send Invoice to AP

Client Contact: Jake Rowe

**Reported:**  
 08/02/23 15:37

Field Chlorine                      2.48                      mg/L                      07/11/23 8:21                      Tate Olso                      SM 4500 Cl G

Analyte	Result	Units	Analyzed	Analyst	Method	Notes
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<b>Sample ID: 121 S. 14th Ave Grab</b>			<b>Date Sampled: 07/11/23 7:53</b>		<b>Date Received: 07/11/23 11:57</b>	
<b>Lab No.: 23G1118-05</b>			<b>Sampled by: Tate Olson</b>			

**Classical Chemistry Parameters**

Total Coliforms	Negative	MPN/100 mL	07/11/23 12:06	ad	SM 9223B	
Field Chlorine	3.16	mg/L	07/11/23 7:53	Tate Olso	SM 4500 Cl G	

Analyte	Result	Units	Analyzed	Analyst	Method	Notes
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<b>Sample ID: 120 N. 2nd St Grab</b>			<b>Date Sampled: 07/10/23 13:29</b>		<b>Date Received: 07/11/23 11:57</b>	
<b>Lab No.: 23G1118-06</b>			<b>Sampled by: Jacob Powell</b>			

**Classical Chemistry Parameters**

Total Coliforms	Negative	MPN/100 mL	07/11/23 12:06	ad	SM 9223B	
Field Chlorine	0.21	mg/L	07/10/23 13:29	Jacob Po	SM 4500 Cl G	

Analyte	Result	Units	Analyzed	Analyst	Method	Notes
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<b>Sample ID: 1250 W. Maple St Grab</b>			<b>Date Sampled: 07/10/23 13:01</b>		<b>Date Received: 07/11/23 11:57</b>	
<b>Lab No.: 23G1118-07</b>			<b>Sampled by: Jacob Powell</b>			

**Classical Chemistry Parameters**

Total Coliforms	Negative	MPN/100 mL	07/11/23 12:06	ad	SM 9223B	
Field Chlorine	2.62	mg/L	07/10/23 13:01	Jacob Po	SM 4500 Cl G	

Analyte	Result	Units	Analyzed	Analyst	Method	Notes
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<b>Sample ID: 807 Sawgrass Ct11 Grab</b>			<b>Date Sampled: 07/10/23 11:26</b>		<b>Date Received: 07/11/23 11:57</b>	
<b>Lab No.: 23G1118-08</b>			<b>Sampled by: Bryson Stymiest</b>			

**Classical Chemistry Parameters**

Total Coliforms	Negative	MPN/100 mL	07/11/23 12:06	ad	SM 9223B	
Field Chlorine	3.02	mg/L	07/10/23 11:26	Bryson S	SM 4500 Cl G	

 N-1                      Negative  
 \_A                      Bacteria Absent

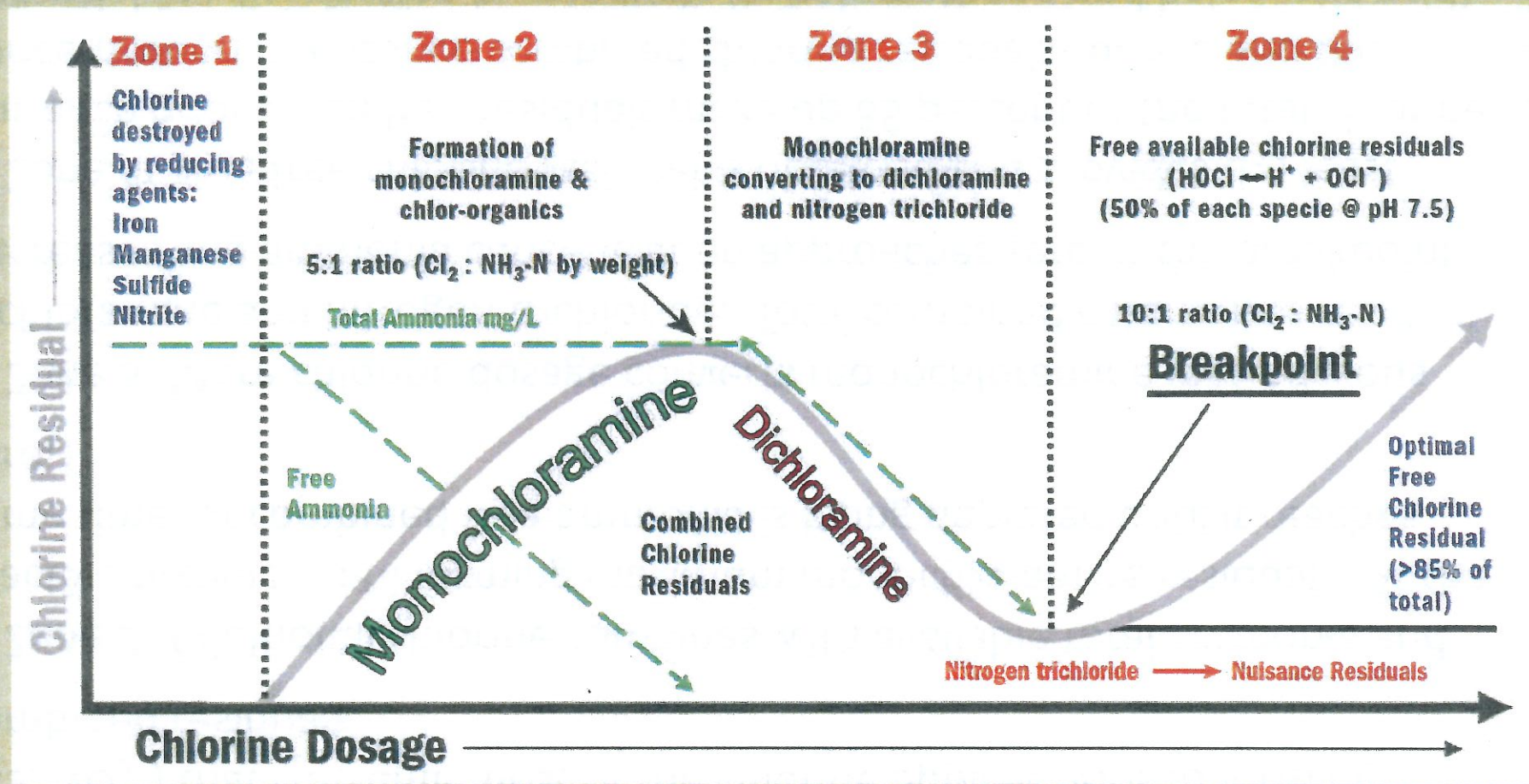
Minimum = 1.5 mg/L  
total chlorine residual



Minimum = 0.3 mg/L  
free chlorine residual

### Breakpoint Chlorination Curve Interpretation\*

Comparing total and free chlorine, total ammonia-N, and free ammonia will help you determine your location on the breakpoint curve.



From Bob Spon, OpFlow Article, June 2008

- \* Zone 1: Initial chlorine demand is caused by reducing agents ( $\text{Fe}^{+2}$ ,  $\text{Mn}^{+2}$ ,  $\text{H}_2\text{S}$ ,  $\text{NO}_2^-$ ) that consume most of the chlorine applied prior to forming combined residuals.
- \* Zone 2: Additional chlorine combines with available total ammonia and reactive organics until forming maximum monochloramine residual. At the same time, uncombined free ammonia is being depleted until it reaches zero.
- \* Zone 3: More chlorine dosage converts monochloramine into odorous dichloramine and nitrogen trichloride. Total combined chloramine residual decreases and ammonia concentration approaches zero at the breakpoint.
- \* Zone 4: True free chlorine residual is obtained and provides the least nuisance odor when free residuals make up 85 percent of the total chlorine concentration. Nuisance combined chlorine residuals survive and the potential for disinfection by-products (trihalomethane and haloacetic acid) formation remains, as free chlorine residual develops further.

Source: Bob Spon, June 2008 OpFlow Article