



McHenry County Procurement
2200 N Seminary Avenue, Woodstock, IL 60098

RFP 25-8424

McHenry County Correctional Center Water Softener System Replacement

This Request for Sealed Proposal (RFP) is for the purpose of contracting with a qualified firm to replace the current water softener system at the McHenry County Correctional Facility, subject to continuing need and availability of funds. All requirements are according to specifications enclosed herein.

Contact Information. Direct all inquiries & communication via email to:

Djuana M Leonard, C.P.M., Assistant Procurement Manager

dmlleonard@mchenrycountvil.gov

Any communication regarding this Bid or Request between the date of issue and date of award is required to go through the Procurement Specialist listed (or the Purchasing Administrative Specialist). Unauthorized contact with other McHenry County staff, officers, or architects/engineers may result in disqualification. Electronic Communication is required.

MANDATORY COVER PAGE

COVER SHEET - TYPE or PRINT CLEARLY

Company: Aqua Service Company FEIN: 363981244

Contact Person: John Olszak Email Address: Jolszak@aquaservice.net

Site Visit Attendee: John Olszak Date Attended: 7-24-25



McHenry County Procurement
2200 N Seminary Avenue, Woodstock, IL 60098

MANDATORY PAGE
PROPOSAL PRICING FORM

We, Aqua Service Company, propose to provide the requested services according to the requirements of this Request for Proposal. We also certify that this written proposal is valid for 120 days from the day of this proposal and the attached information is received and filed by the County of McHenry.

Lump Sum Amount: \$ 49,468.00
(Numerical, Example "\$100.00")

Lump Sum Amount: FourtyNine Thousand, FourHundred Sixty Eight Dollars and No/100 cents
(Written Clearly or Typed, Example "One Hundred Dollars and No/100 cents")

Proposal Lump Sum Amount MUST be All-Inclusive of Labor, Equipment, Parts, ETC.

NO Additional costs will be incurred by the County.

Please list any EXCEPTIONS to this RFP. If there are none, write "NONE"

NONE



**MANDATORY PAGE
REFERENCES**

Please list three (3) references, other than McHenry County, you have done similar work, service or supplied similar products to within the last twelve (12) months. Email address required. It is the vendor's responsibility to ensure references respond to the County, as required.

Entity: Storypoint Granger Contact Person: Joshua Burd
Address: 6751 W Mequon Rd City, State, Zip Code: Mequon, WI 53092
Email Address: joshua.burd@storypointgroup.com

Entity: Sunrise of Willowbrook Contact Person: Jonathon Cruz
Address: 6300 Clarendon Hills Rd City, State, Zip Code: Willowbrook, IL 60527
Email Address: jonathon.cruz@sunriseseniorliving.com

Entity: Brighton Gardens of Wheaton Contact Person: John Guerra
Address: 831 Butterfield Rd City, State, Zip Code: Wheaton, IL 60189
Email Address: john.guerra@sunrise senior living.com



MANDATORY PAGE
CERTIFICATONS AND SIGNATURES

- I acknowledge there to be FOUR (4) **Mandatory Pages**, for my submission to be considered:
Cover Page, Pricing Page, References Page, Certifications & Signature Page, PLUS
Bid bond, Proposal requirements (Installation/piping plan, drawing, equip. technical specs) ☒ Yes
- Vendor certifies it has not been barred from contracting with a unit of State or Local Government because of a violation of Section 33E-3 or 33E-4 of the Criminal Code of 1961, as amended. ☒ Yes
- Vendor certifies it is aware that all contracts for the Construction of Public Works are subject to the **Illinois Prevailing Wage Act** (820 ILCS 130/1-12) and this Solicitation
☒ **Is Subject to**, ☐ Is NOT Subject to the Illinois Prevailing Wage Act. ☒ Yes
- Vendor acknowledges this Solicitation ☒ **Is Subject to**, ☐ Is NOT Subject to the **Employment of Illinois Workers in Public Works Act** (30 ILCS 570/3) and will comply with the requirements set forth in this Act. ☒ Yes
- I acknowledge this Solicitation ☒ **Requires**, ☐ Does NOT Require a **Bid Bond**
Bid Security shall be in an amount equal to at least ten percent (10%)
of the amount of the Bid except for the Division of Transportation, which should be at least
five percent (5%). Bid Security shall be a bond provided by a surety company authorized to do
business in the State of Illinois, or a certified check, bank draft, or cashier's check. ☒ Yes
- I acknowledge this Solicitation ☒ **Requires**, ☐ Does NOT Require
Performance & Payment Bonds ☒ Yes
- Vendor understands that, in submitting this bid/proposal, it waives all right to plead
any misunderstandings regarding the foregoing information presented in the Solicitation
Documents, including but not limited to, the McHenry County Purchasing Ordinance,
Standard Terms and Conditions, and All Addendums. ☒ Yes

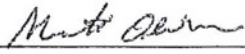
I have carefully examined the Bid or Request, Scope of Work, Specifications, and any other documents accompanying or made a part of this Request. I certify I am duly authorized to submit on behalf of the firm, and the firm is ready, willing, and able to perform if awarded the contract. I further certify, under oath, this proposal is made without prior understanding, agreement, connection, discussion, or collusion with any other person, firm or corporation submitting a proposal for the same product or service.

Individual/Company/Corporation: Aqua Service Company

Printed Name and Title: John Olszak Vice President / General Manager

Telephone Number: 630-238-1910 Email: Jolszak@aquaservice.net

Signature:  Date: 8-8-25

Witness Name & Title: Matthew Olszak Office Manager Witness Signature: 

End of Document



1001 W Republic Dr. Unit 2
Addison IL 60101
P: 630-238-1910 F: 630-238-1907
E: managers@aquaservice.net

PROPOSAL

PROPOSAL #

70492593

DATE

07/24/2025

BILL TO

McHENRY COUNTY CORRECTIONAL CENTER
2200 N. SEMINARY
WOODSTOCK, IL, 60098

SERVICE LOCATION

McHENRY COUNTY CORRECTIONAL CENTER

Dave Little
2200 N. SEMINARY
WOODSTOCK, IL, 60098
P: (815) 334-0105
E: DWLittle@mchenrycountyil.gov

SCOPE

Aqua Service will supply parts and labor to install a complete new water softener system as follows:

- (2) 30" x 72" fiberglass resin tanks with downtube and distributors
- (2) Clack WS3 control valves and timers
- (2) Clack CL-3 electronic meters
- (30) Cu. Ft. of cation softening resin (15 cu ft per tank)
- (700) lbs of support gravel (350 lbs per tank)
- (1) 39" x 48" brine tank with brine well, and brine valve

Aqua Service will Schedule with the customer a day to shut down the hot water and install new valves. This work to happen between 8pm and 6am.

Aqua Service will return to remove old resin from existing softeners and dump in a customer supplied dumpster to be hauled to landfill.

Aqua Service will connect new softener to the existing isolation valves using Copper piping and fittings.

Aqua Service will move haul away the old tanks, valves, and controllers.

Upon completion Aqua Service will ensure both units operate per manufacturer specs and train staff on the system controls.

TERMS

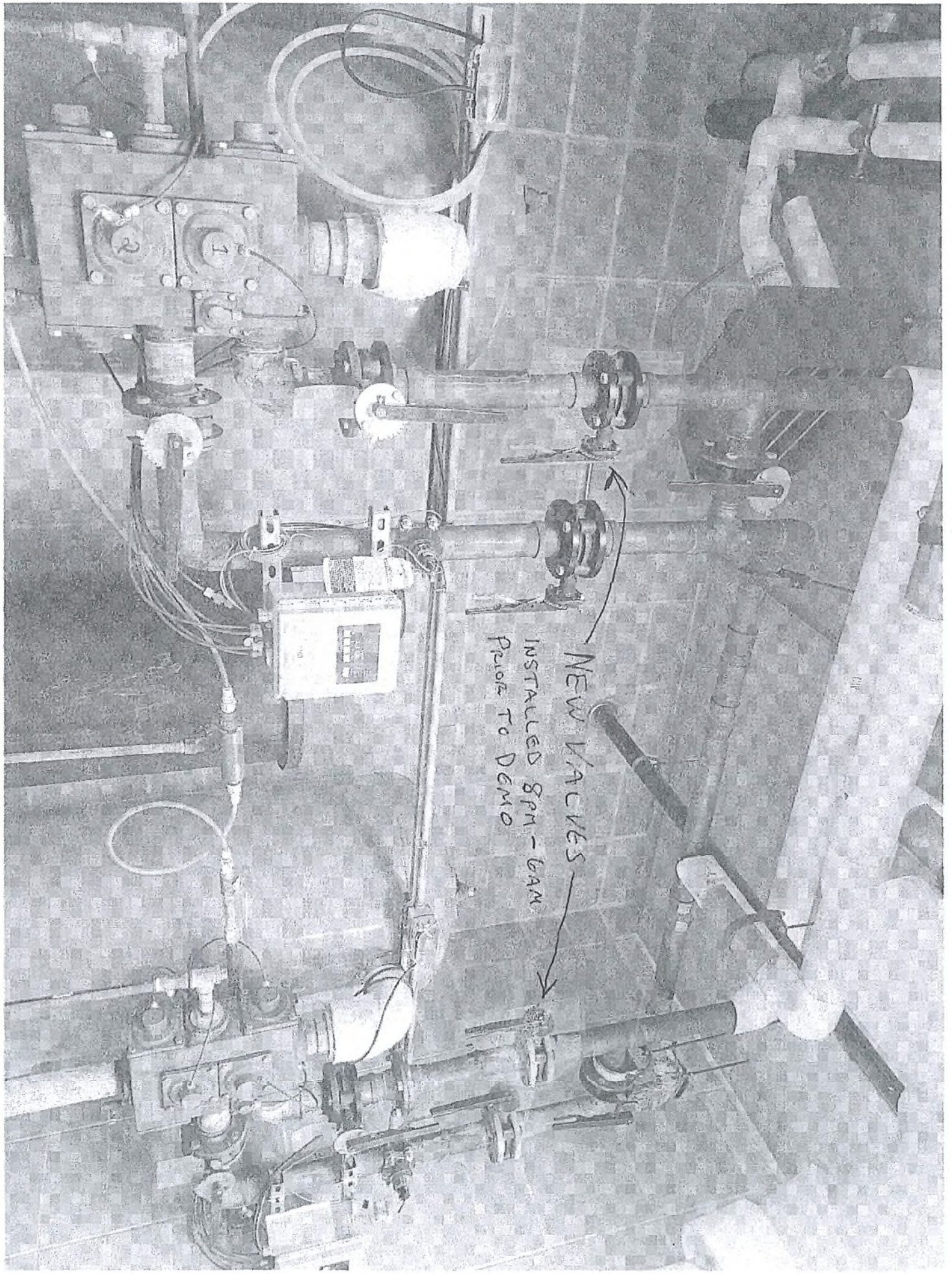
Proposal valid for 30 calendar days. Authorization and PO required prior to material procurement and scheduling. **Please contact your salesperson, Nick Chipman, with any questions.**

Subtotal
Sales Tax
TOTAL

\$49,468.00
\$0.00
\$49,468.00

ACCEPTED:

PO NUMBER:



NEW VACUUMS
INSTALLED 8PM - 6AM
PRIOR TO DEMO

DUPLEX NXT SOFTENER

MODEL NO. 29/17NXT-DUP-450-C3948

CAPACITY: (each tank)

MIN. 360,000 gals. @ 9 lbs./cu.ft.
MAX. 450,000 gals. @ 15 lbs./cu.ft.

FLOW RATE: (each tank)

NORMAL 75 gpm.
PEAK 140 gpm.
BACKWASH 25 gpm.

TANK SIZE: 30" x 72"

COMPOSITE

MEDIA: (each tank)

RESIN 15 cu.ft.
GRAVEL 350 lbs.

PIPE SIZE:

INLET 2"
OUTLET 2"
DRAIN 1"
BRINE 1 1/2"
METER 2"

BRINE TANK

MODEL NO. BT3948R-454HF-5

TANK SIZE: 39" x 48"

POLYETHYLENE

CAPACITY:

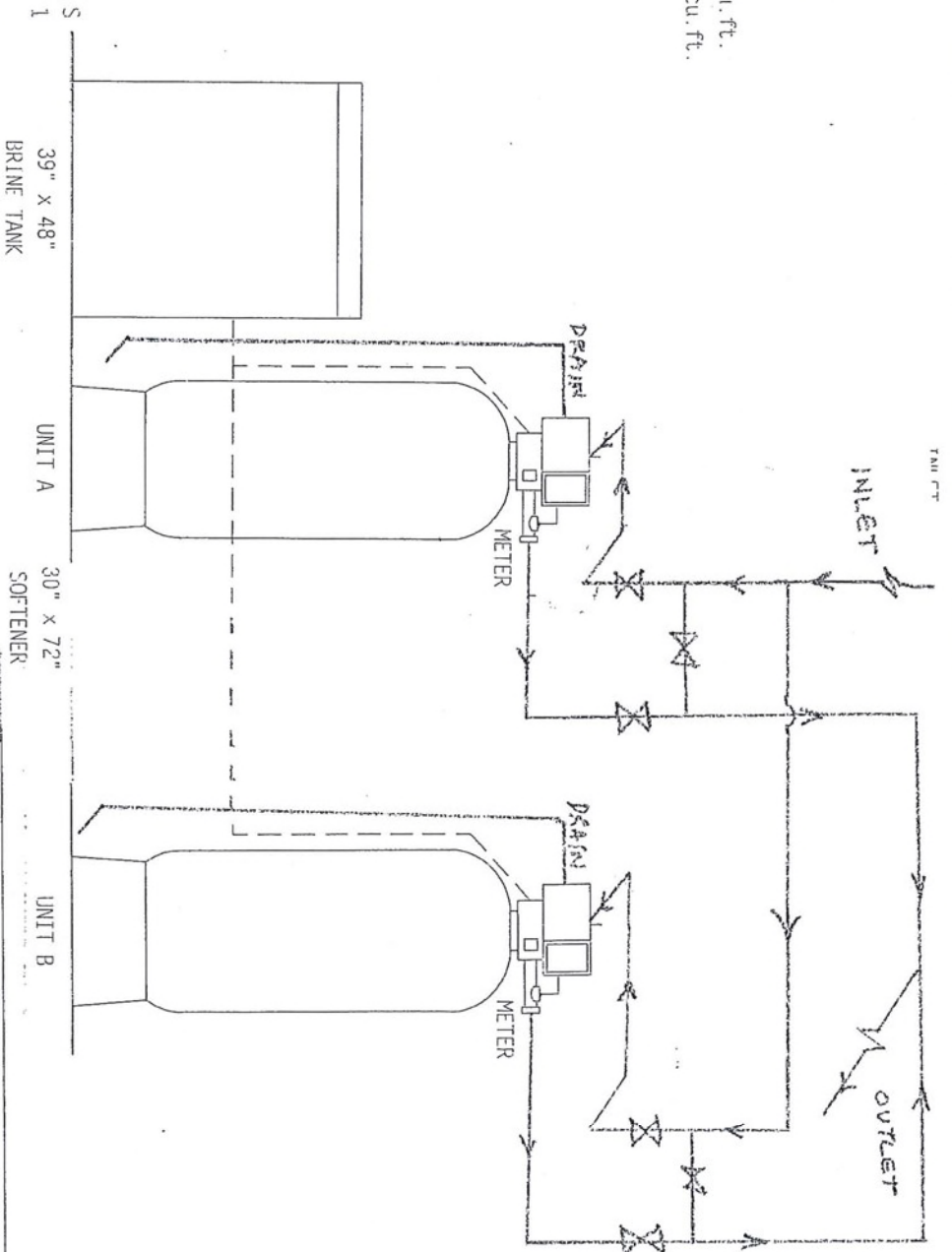
250 gals.

BRINE VALVE: 454HF

BRINE WELL: 5"

WEIGHT (APPROX)

TOTAL SHIPPING 3,105 lbs.



PEAK FLOWS ARE NOT
RECOMMENDED FOR EXTENDED
PERIODS OF TIME.

DO NOT SCALE DRAWING

THIS DRAWING IS ISSUED IN CONFIDENCE AND
CANNOT BE REPRODUCED OR USED FOR MANUFACTURING
ANYTHING SIMILAR OR REFERRED TO WITHOUT DIRECT
WRITTEN PERMISSION



Aqua Service Company
1001 W Republic Dr.
Addison IL 60101

GENERAL ARRANGEMENT DWG.
SOFTENER 450K
DUPLEX NXT SYSTEM

DRAWN BY:	DATE:	DATE:	DATE:
CHECKED BY:	DATE:	DATE:	DATE:
REV:	DATE:	DATE:	DATE:
29/17NXT-DUP-450-C3948			

Clack®

WS3

**WATER
SPECIALIST
CONTROL
VALVE**

NSF

Certified to NSF/ANSI 44 and NSF/ANSI/CAN 61 and 372.

- Control Valve Flow Rates: Service 250 gpm (946 lpm) (56.8 m³/h)
Backwash 220 gpm (833 lpm) (50.0 m³/h)
- Epoxy coated lead free brass valve body
- Fully programmable regeneration cycle times and sequences (maximum 9)
- Network up to 16 valves using Cat5 cable or better
- Methods to initiate regeneration: Meter Delayed, Meter Immediate, Time Clock Delay, Remote Input
- Add up to 2 relay expansion boards to circuit board (sold separately)
- Top-mount or side-mount capabilities for commercial and industrial applications
- Programmable System types: Alternating, Progressive Flow, Series, Single
- Days override feature; 1-28 days or day/s of the week
- Blue backlight front display shows: Time and Date, Current Flow Rate, Volume Used, Volume Remaining, Days Remaining
- Diagnostics and history viewing
- Modbus RS485 duplex to communicate with building automation systems
- Remote circuit board software update capability
- Reliable and proven DC drive
- One piece expanding seal spacer stack assembly



Water Specialist 3.0" NPT or BSPT

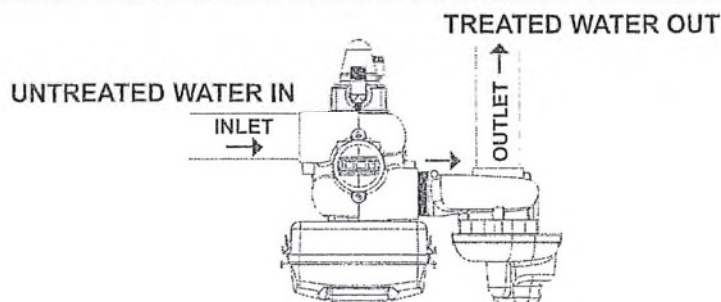
No Hard Water Bypass



Certified to NSF/ANSI/CAN 61 and NSF/ANSI/CAN 372.

Order No. V3099 • NPT
Order No. V3099BSPT • BSPT

- 3" NPT and 3" BSPT
- Lead Free Brass Casting with NSF/FDA approved black coating
- Hydraulically balanced piston valve
- Allows for WS3 Valves to be used in multiple tank systems
- Full 3" ports with minimal pressure loss
- Provides for no raw water bypass during regeneration
- Provides choices of treated or non-treated water regeneration
- Proven and reliable Clack DC drive assembly
- Low voltage drive assembly controlled by valve's circuit board

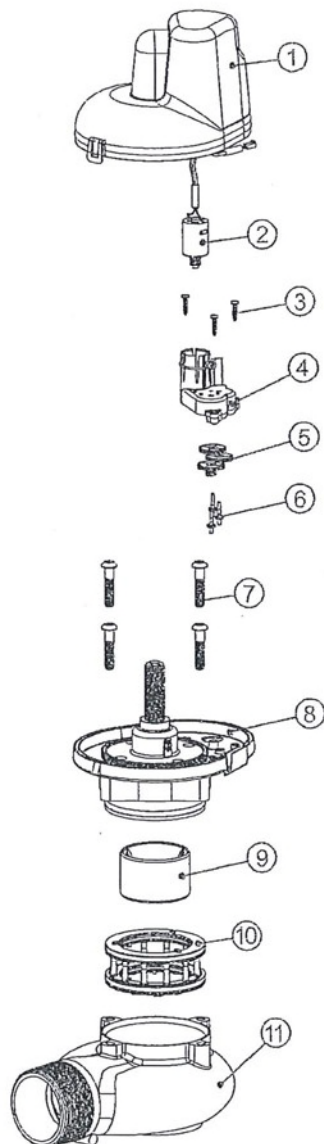


EXAMPLE OF A NO HARD WATER BYPASS CONFIGURATION

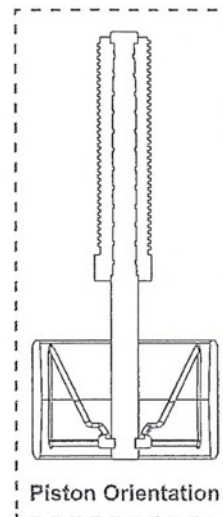
- Flow from the male inlet to the female outlet has a 1.9 PSI drop at 250 GPM
- Operating Pressures:
20 PSI Minimum
125 PSI Maximum
- Operating Temperatures:
40°F Minimum
110°F Maximum

**Order No. V3099 • Description: NO HARD WATER BYPASS 3INMXF NPT or
Order No. V3099BSPT • Description: NO HARD WATER BYPASS 3INMXF BSPT**

Drawing No.	Order No.	Description	Quantity	
			V3099	V3099BSPT
1	V3696	WS3 MAV COVER	1	1
2	V3476	WS MOTOR ASY 8 FT	1	1
3	V3592	SCREW #8-3/4 PHPN T-25 SS	3	3
4	V3262-01	WS 1.5&2ALT/2BY REDUCGEARCVASY	1	1
5	V3110-01	WS1 DRIVE REDUCING GEAR PLAIN	3	3
6	V3264	WS2 BYPASS REDUCTION GEAR AXLE	3	3
7	V3789	SCREW 3/8-16 X 1.75 BHCS SS (7/32" hex allen wrench required)	4	4
8	V3085	WS3 MAV DRIVE CAP ASY	1	1
9	V3695-01	WS3 MAV PISTON	1	1
10	V3888	WS3 NHWBY STACK ASY	1	1
11	V3830-01	WS3 NHWBY M X F BODY NPT	1	N/A
	V3830BSPT-01	WS3 NHWBY M X F BODY BSPT	N/A	1



•Operating Pressures:
20 PSI Minimum / 125 PSI Maximum
•Operating Temperatures:
40°F Minimum / 110°F Maximum





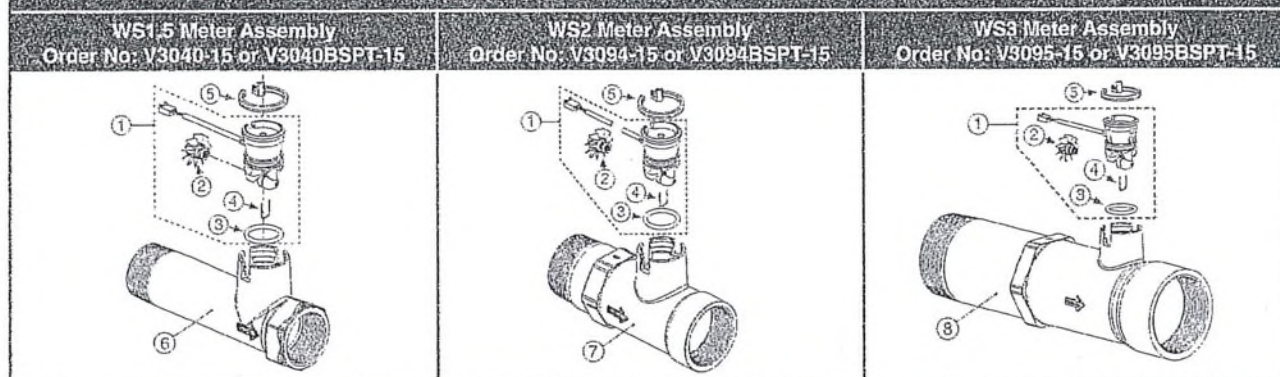
Stainless Steel Inline Flow Meters

		
1.5" Meter V3040-15 or V3040BSPT-15	2" Meter V3094-15 or V3094BSPT-15	3" Meter V3095-15 or V3095BSPT-15
• 1.5" Inline meter suited for commercial/industrial applications • 316 stainless steel material • Electro polished for improving corrosion resistance, leaving a lasting bright finish • Service flow range 0.5 to 75 gpm (2-284 lpm) • Meter accuracy $\pm 5\%$ • Reliable and proven turbine design • 15-foot cable included • 1.5" Male x Female NPT or BSPT connections	• 2" Inline meter suited for commercial/industrial applications • 316 stainless steel material • Electro polished for improving corrosion resistance, leaving a lasting bright finish • Service flow range 1.5 to 150 gpm (5.7-568 lpm) • Meter accuracy $\pm 5\%$ • Reliable and proven turbine design • 15-foot cable included • 2" Male x Female NPT or BSPT connection	• 3" Inline meter suited for commercial/industrial applications • 316 stainless steel material • Electro polished for improving corrosion resistance, leaving a lasting bright finish • Service flow range 3.5 to 350 gpm (13-1,325 lpm) • Meter accuracy $\pm 5\%$ • Reliable and proven turbine design • 15-foot cable included • 3" Male x Female NPT or BSPT connection



Certified to NSF/ANSI/CAN 61 and NSF/ANSI 372.

Inline Flow Meters NPT or BSPT



Drawing No.	Order No.	Description	Quantity
Common Parts			
1	V3221	WS Remote Meter Assy 15 Ft Cord (includes V3118-03, V3501 and V3105)	1
2	V3118-03	WS1.5/2 Turbine Assy	1
3	V3105	O-Ring 215	1
4	V3501	WS1.5/2 Turbine Clip	1
5	V3632	WS1.5/2/3 Meter Retaining Clip	1
WS1.5 Meter Assembly Parts			
6	V3401-04	WS1.5 Meter Housing MxF NPT	1
	V3401BSPT-04	WS1.5 Meter Housing MxF BSPT	
Not Shown	V3437	WS1.5 Flow Straightener (located inside meter housing)	1
WS2 Meter Assembly Parts			
7	V3754-01	WS2 Meter NPT MxF Housing	1
	V3754BSPT-01	WS2 Meter BSPT MxF Housing	
Not Shown	V3488	WS2 Flow Straightener (located inside meter housing)	1
WS3 Meter Assembly Parts			
8	V3844-01	WS3 Meter NPT MxF Housing	1
	V3844BSPT-01	WS3 Meter BSPT MxF Housing	
Not Shown	V3602	WS3 Flow Straightener (located inside meter housing)	1

Installation:

Installation of the V3040-15 WS1.5 Meter NPT Assembly can be accomplished using 1.5" NPT pipe and fittings. For V3040BSPT-15 WS1.5 Meter BSPT use 1.5" BSPT pipe and fittings. Installation of the V3094-15 WS2 Meter NPT Assembly can be accomplished using 2" NPT pipe and fittings. For V3094BSPT-15 WS2 Meter BSPT Assembly use 2" BSPT pipe and fittings. Installation of the V3095-15 WS3 Meter NPT Assembly can be accomplished using 3" NPT pipe and fittings. For V3095BSPT-15 WS3 Meter BSPT Assembly use 3" BSPT pipe and fittings.

WHEN INSTALLING THE METER, YOU MUST LUBRICATE THE INTERNAL BORE OF THE METER HOUSING AND THE O-RING OF THE ADAPTER. MAKE SURE THE ARROW ON THE METER BODY IS GOING THE SAME DIRECTION AS THE WATER FLOW. THE METER CAN BE INSTALLED IN HORIZONTAL OR UPWARD WATER FLOW VERTICAL APPLICATIONS. HYDROCARBONS SUCH AS VASELINE®, PETROLEUM JELLY, KEROSENE, BENZENE, GASOLINE, ETC., WILL DAMAGE PRODUCTS THAT CONTAIN O-RINGS OR PLASTIC COMPONENTS. EXPOSURE TO SUCH HYDROCARBONS MAY CAUSE THE PRODUCTS TO LEAK. DO NOT USE CLACK CONTROL VALVE PRODUCT(S) ON WATER SUPPLIES THAT CONTAIN HYDROCARBONS SUCH AS KEROSENE, BENZENE, GASOLINE, ETC.

THIS WATER METER SHOULD NOT BE USED AS THE PRIMARY MONITORING DEVICE FOR CRITICAL OR HEALTH EFFECT APPLICATIONS.

OPERATING PRESSURES: 20 PSI MINIMUM - 125 PSI MAXIMUM (1.4 - 8.6 bar)

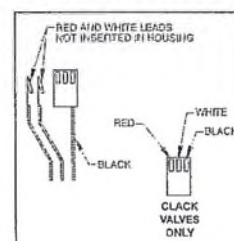
OPERATING TEMPERATURE 40°F MINIMUM - 110°F MAXIMUM (4° - 43°C)

The 22 gauge wire crimp terminals are Molex Series 41572 or 40445. The housing connector is Molex Series 2695 White Housing, P/N 22-01-3037.

The housing connector diagram shows the proper installation of the RED, WHITE and BLACK wires for CLACK CORPORATION CONTROL VALVES. When connecting to other manufacturers control valves please contact your original equipment manufacturer for proper wiring instructions.

Wiring:

- The meter must be supplied with a DC voltage between 4 and 24 volts
- The RED wire is positive
- The BLACK wire is negative
- The WHITE wire is the meter output



Programming	Select 1.5 in the "FL" programming parameter for the correct meter pulse reading Select 2.0 in the "FL" or "Set Meter Type" programming parameter for the correct meter pulse reading Select 3.0 in the "Set Meter Type" programming parameter for the correct meter pulse reading	
WS1.5		
WS2.0 or WS2H		
WS3.0		
Measurement	Imperial	Metric
Meter Pulses		
1.5 Inline	37 Pulses/ Gallon	9.8 Pulses/Liter
2.0 Inline	20 Pulses/ Gallon	5.3 Pulses/Liter
3.0 Inline	8 Pulses/ Gallon	2.1 Pulses/Liter
Meter Accuracy		
1.5 Inline	0.50 - 75 gpm ± 5%	1.90 - 284 lpm ± 5%
2.0 Inline	1.50 - 150 gpm ± 5%	5.68 - 568 lpm ± 5%
3.0 Inline	3.50 - 350 gpm ± 5%	13.25 - 1325 lpm ± 5%
	Output Signal 0.4 Hz - 47.5 Hz	
	NOTE: Not all flow monitors will register accurately at the specified specs of this meter. Contact your monitor manufacture for limitations.	
Pressure Drop		
1.5 Inline	2.7 PSID @ 75 gpm	0.19 BAR ΔP @ 284 lpm
2.0 Inline	3.6 PSID @ 150 gpm	0.25 BAR ΔP @ 568 lpm
3.0 Inline	7.3 PSID @ 350 gpm	0.50 BAR ΔP @ 1325 lpm

Water Specialist 3" Control Specifications

Inlet/Outlet (1)	3" Female NPT or BSPT
Cycles	up to 9
Valve Material	Lead free brass
Regeneration	Downflow
CONTROL VALVE FLOW RATES	
Service @ 15 psi/1 bar drop	250 gpm (946 lpm) (56.8 m ³ /h)
Backwash @ 25 psi/1.7 bar drop	220 gpm (833 lpm) (50.0 m ³ /h)
Cv Service	64.6
Cv Backwash	44.0
OPERATING PRESSURES	
Minimum/Maximum	20 - 125 psi (1.4 - 8.6 bar)
OPERATING TEMPERATURES	
Minimum/Maximum	40° - 110° F (4° - 43° C)
METER SPECIFICATIONS	
Accuracy	± 5%
Flow Rate Range	3.5 - 350 gpm (13.3 - 1325 lpm)
Volume Range	10 - 999,000 gallons (38 - 3,796.2 liters x1000)
Totalizer	1,000 - 999,999,000 gallons (3,786 - 3,785,407.9 liters x1000)
DIMENSIONS & WEIGHT	
Distributor Pilot	
Valve Bodies with 3" Female NPT Inlet & Outlet	3.5" OD (3" NPS)
Valve Bodies with 3" Female BSPT Inlet & Outlet	90mm OD
Drain Line Connection	3" Female NPT/BSPT "No Groove Lock"
Brine Line Adapters Included	1" Male NPT elbow and ¾" x 1" solvent weld elbow
Mounting Base	6" Flange or Side Mount
Height From Top Of Tank with 6" Flange QC Base	12.5" (318mm)
Shipping Weight Without Optional Meter	57 lbs (25.9 Kg)
ELECTRICAL SPECIFICATIONS	
POWER SUPPLY	
	<u>U.S.</u> <u>International</u>
Supply Voltage	120VAC 240VAC
Supply Frequency	60 Hz 60 Hz
Output Voltage	24VDC 24VDC
Output Current	800 mA 800 mA
TANK APPLICATIONS	
Water Softener	18" - 63" Diameter with standard injectors, to 96" with Brine Pump
Water Filter (2)	18" - 63" Diameter
CYCLES OF OPERATION	
Choose up to nine regeneration cycles, in any order, with a wide range of available values:	
Cycle	Range of values
Backwash	1 - 95 minutes
Brine (draw)	1 - 180 minutes
Slow Rinse	1 - 95 minutes
Fast Rinse	1 - 95 minutes
Refill	0.1 - 99 minutes
Hold (service)	1 - 480 minutes

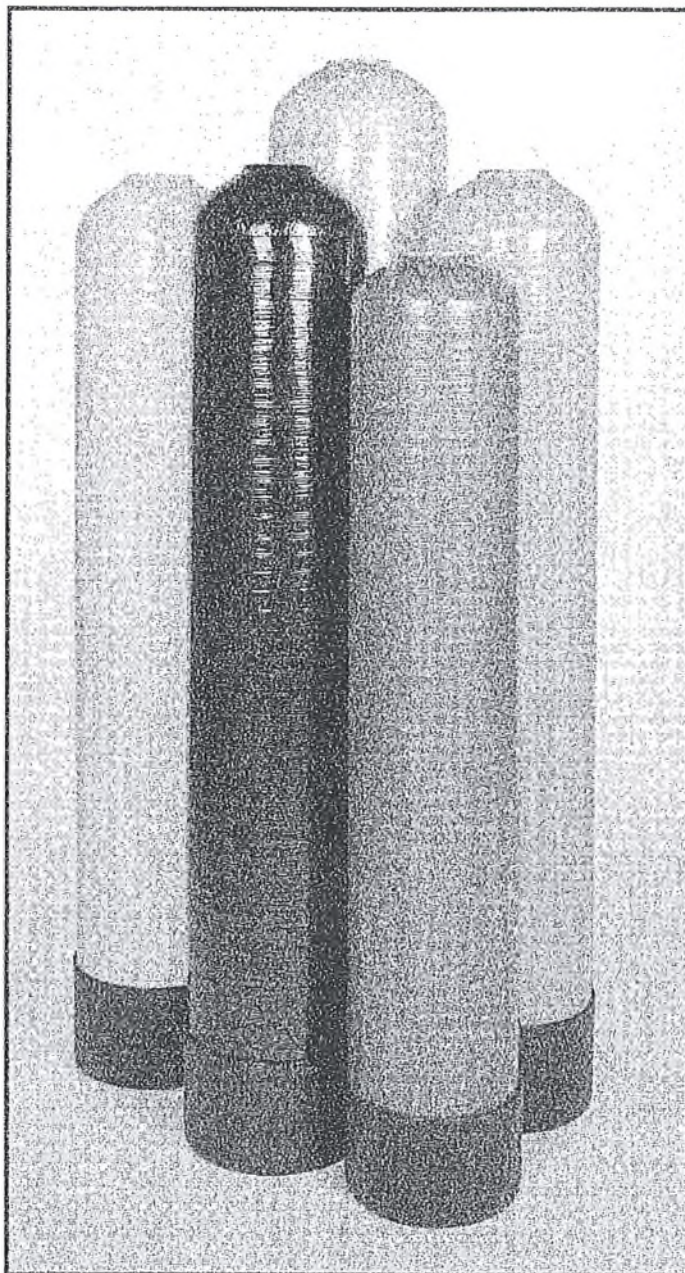
Options: Backwash Filter

Compatible with the following typical concentrations of regenerants or chemicals: Sodium chloride, potassium chloride, potassium permanganate, sodium bisulfite, chlorine and chloramines

1. See Distributor Pilot.

2. Filter tank size calculated @ 10 gpm of backwash per square foot of bed area/407 lpm per m² of bed area

Clack® Mineral Tanks



COLORS AVAILABLE:

ALMOND
BLACK
BLUE
GREY
NATURAL

Clack Mineral Tanks are made of high density polyethylene (HDPE) plastic liner with composite fiberglass filament winding over the liner. Clack's design provides a continuous seamless inner liner with a glass filled polypropylene inlet for higher strength and pressure capabilities. Residential and commercial pressure tanks are available from 8" to 30" diameters.

FEATURES:

- For water softener and filtration applications
- Capacities from 6.7 to 189.1 gallons
- 10 year warranty for 8" - 13" vessels
- 5 year warranty for 14" - 30" vessels

MATERIAL OF CONSTRUCTION:

- Inner liner high density polyethylene
- Threaded inlet glass filled polypropylene

OPERATING PARAMETERS:

- Maximum operating pressure: 150 psi
- Maximum operating temperature: 120°F

EXCEEDS NSF/ANSI 44 MINIMUM PERFORMANCE REQUIREMENTS:

- Safety factor: 4:1
- Minimum burst at 600 psi
- Tested to 100,000 cycles/0-150 psi



This product is Tested and Certified by NSF International against NSF/ANSI 44 for material and structural integrity requirements and NSF/ANSI/CAN Standard 61 for material requirements. Certified to NSF/ANSI/CAN 372.

MADE IN THE USA

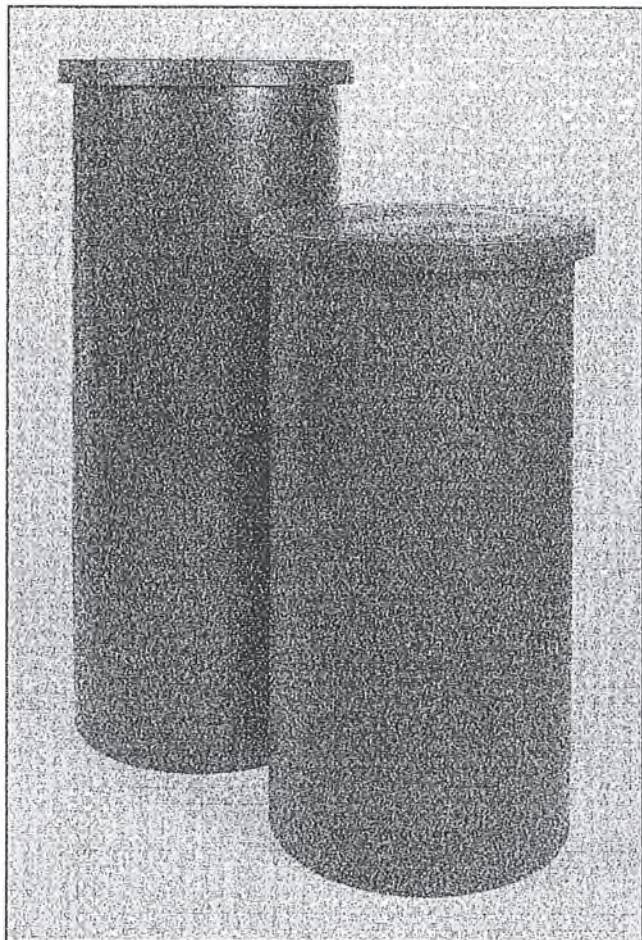
MINERAL TANK SPECIFICATIONS:

Tank Size (Inches)	Opening Diameter (Inch/mm)	Height with Base (Inch/mm)	Capacity Gallons	Capacity Liters	Capacity Cubic Feet	Empty Tank Weight With Base (Lbs/Kg)	Quantity per Bulk Pack/ Carton
8x35*	2.5/63.5	34.9/886	6.7	25.5	0.90	8.1/3.7	18
8x44	2.5/63.5	44.2/1123	8.6	32.5	1.15	9.8/4.4	18
9x18*	2.5/63.5	18.4/467	3.9	14.8	.52	5.1/2.3	9
9x35*	2.5/63.5	34.8/884	8.2	31.0	1.09	9.5/4.3	16
9x48	2.5/63.5	48.3/1227	11.5	43.7	1.54	12.5/5.7	16
10x18*	2.5/63.5	18.4/468	4.75	18.0	.64	6.3/2.9	8
10x35*	2.5/63.5	35.0/889	10.2	38.8	1.37	10.4/4.7	16
10x40	2.5/63.5	40.6/1031	12.0	45.5	1.61	11.7/5.3	16
10x44	2.5/63.5	44.3/1125	13.2	50.1	1.77	12.4/5.6	16
10x47	2.5/63.5	47.2/1199	14.2	53.8	1.90	13.1/5.9	16
10x54	2.5/63.5	54.4/1382	16.0	60.6	2.14	15.0/6.8	16
12x35*	2.5/63.5	35.4/900	14.60	55.3	1.95	15.4/7.0	9
12x48	2.5/63.5	48.3/1226	21.0	79.6	2.81	18.9/8.6	9
12x52	2.5/63.5	52.8/1341	23	86.6	3.1	19.7/8.9	9
13x54	2.5/63.5	55/1397	28	105.4	3.7	22.5/10.2	9
14x65	2.5/63.5	65.6/1666	39.4	149.2	5.27	37.5/17	1
14x65	4/101.6	65.6/1666	39.4	149.2	5.27	37.5/17	1
16x53	2.5/63.5	54/1371	41.0	155.2	5.48	41/18.6	1
16x65	4/101.6	65.6/1666	51.2	193.8	6.85	42.75/19.4	1
18x65	4/101.6	67.7/1720	73.5	278.1	9.83	52.5/23.8	1
21x62	4/101.6	67.8/1722	89.6	339.1	11.98	75.75/34.4	1
24x72	4/101.6	73.6/1869	120	464.1	16.39	98.25/44.6	1
30x72	4/101.6	72.2/1884	189.1	715.8	25.28	116/52.6	1
30x72	6/152.4	76.0/1930	189.1	715.8	25.28	196/88.9	1

*Available with or without base.

Note: All data is for reference only and is subject to change without notice.

Commercial/Industrial Rotationally Molded Brine Tanks



Commercial and industrial water softeners require a large volume of brine during each regeneration.

From a capacity of 95 gallons to 500 gallons, our Rotationally Molded Brine Tanks are built to last.

Molded out of durable, chemically resistant high density polyethylene, their ¼" seamless walls won't bulge.

Rotationally Molded Brine Tanks are strong enough to handle your toughest brine requirements. (All tanks and covers are black.)

Operating Temperature Range:
40°F - 125°F (4.4°C - 51.6°C)

Also Available:

24" Plastic Grids

30" Plastic Grids

TANK SIZE	ORDER NUMBER	DIAMETER	HEIGHT	SALT CAPACITY	VOLUME	WEIGHT
24 x 60	G22460CB1P00	24"	60"	1000 lbs.	115 gal.	32 lbs.
30 x 60	G23060CB1P00	30"	60"	1600 lbs.	180 gal.	56 lbs.
39 x 48	G23948CB1P00	39"	48"	2200 lbs.	250 gal.	67 lbs.
39 x 60	G23960CB1P00	39"	60"	2700 lbs.	300 gal.	80 lbs.
42 x 60	G24260CB1P00	42"	60"	3100 lbs.	350 gal.	84 lbs.
50 x 60	G25060CB1P00	50"	60"	4500 lbs.	500 gal.	107 lbs.

SOFTENER RESIN SPECIFICATIONS

PRODUCT DATA

ION EXCHANGE RESIN Strong Acid Cation

Grade: IonPlus™ CA-10

Appearance: Light brown spherical beads

Description: Standard cross-linked styrene divinylbenzene strong acid cation resin in bead form. Specially developed to eliminate taste and odor and provide excellent stability. It is primarily used for softening water in municipal and industrial water treatment.

<u>Typical Properties:</u>	Total exchange capacity	2.0 meg/ml min
	Ionic form, supplied	Na
	Water retention	43 - 48%
	Screen size, U.S. Standard	16-40 mesh
	Bulk density	0.78 - 0.88 g/ml

Suggested Operating Conditions:

pH range	0 - 14
Operating temperature, Na	120°C max
Total Swelling (Na → H)	8-10% max
Regenerant concentration	NaCl: 8-10%
	HCl: 4 - 5%
Flow rate of regenerant	4-6 m/hr
Regenerant contact time	30-60 minutes
Rinse flow rate	10-20 m/hr
Operating flow rate	10-45 m/hr
Free chlorine	1.0 mg/l max

Packing: 1 cubic ft. bags, 25 liter bags, 7 cubic ft. polylined drums

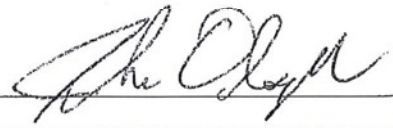
FDA Regulation: Carbochem® CA-10 is in compliance with FDA regulation paragraph 173.25.



COUNTY OF McHENRY
Procurement & Special Services
2200 N. Seminary Ave., Woodstock IL 60098
E-Mail: purchasing@mchenrycountyil.gov

New/Update Vendor Information Form

This is a fillable PDF form. ALL FIELDS ARE REQUIRED. Enter all information, save it to your device, or print. W-9 must be included to complete the vendor onboarding process

1. INFORMATION TYPE: ☐ New ☒ Change/Update		2. FEDERAL I.D. # OR SOCIAL SECURITY #: 363981244	3. DATE: 8/5/25
4. BUSINESS NAME & ADDRESS: Aqua Service Company 1001 W. Republic Dr. Unit 2 Addison IL. 60101		5. REMIT ADDRESS FOR PAYMENTS (if different than Item 4): Same	
6. STATUS OF OWNERSHIP (Please select at least one): Illinois Public Act 102-0265 was approved in August 2021 requiring us to collect Status of Ownership information. This information is collected for reporting purposes only and not vendor selections. Please check any of the following that apply to the ownership of your firm. ☐ Prefer not to disclose ☒ Not Applicable ☐ Minority-Owned ☐ Women-Owned ☐ Veteran-Owned ☐ Small Business		8. ARE YOU REGISTERED AT SAM.GOV? If you are registered, please provide your EUI Number. ☒ Yes, my UEI Number is: ENR2MKGBJ8N5 ☐ No or Not Applicable	
7. HOW ARE YOU CERTIFYING? This refers to whether your organization has obtained official certification from your home state as a Minority, Women, Veteran-owned, or Small Business. If you have certificates from your state, please attach them & select "Certificates Attached". If not, select "Self-Certifying". ☐ Certificates Attached ☐ Self-Certifying			
9. PRIMARY CONTACT PERSON (Bids/Quotes/Purchase Orders): Name: John Olszak Official Capacity: VP/GM Telephone #: 630-238-1910 E-Mail: jolszak@aquaservice.net		10. PERSONS AUTHORIZED TO SIGN Bids/Offers/Contracts: Name: John Olszak Official Capacity: VP/GM Name: John Olszak Official Capacity: VP/GM	
PLEASE PRINT THIS FORM, SIGN IT, AND SEND IT BACK WITH CERTIFICATES OF OWNERSHIP (unless self-certifying).			
11. I hereby certify that the information supplied herein is true and correct.			
John Olszak VP/GM Print or Type Name and Title		Signature 	



COUNTY OF McHENRY
Procurement & Special Services
2200 N. Seminary Ave., Woodstock IL 60098
E-Mail: purchasing@mchenrycountyil.gov

Commodity and Service List

Please select all appropriate categories. Please do not select all.

☐	Addressing, Copying, and Duplicating Machine Supplies
☐	Agricultural Equipment, Implements, Accessories
☐	Air Conditioning, Heating, Ventilating Equipment, Parts
☐	Amusement, Decorations, Entertainment, Gifts, Toys
☐	Appliances and Equipment, Household Type
☐	Architectural Services, Professional
☐	Audio Visual Consulting Services
☐	Automobiles, School Buses, SUVs, Vans
☐	Automotive Accessories Automobiles, Buses, Trailers, Trucks
☐	Badges, Awards, Emblems, Name Tags, Plates, Jewelry
☐	Barrels, Drums, Kegs, Containers
☐	Boats, Motors, Marine Equipment
☐	Building Construction Services, New
☐	Building Maintenance, Installation, and Repair Services
☐	Cafeteria and Kitchen Equipment, Commercial
☐	Cafeteria and Restaurant Services
☐	Chemical Laboratory Equipment and Supplies
☐	Chemicals and Solvents, Commercial (in bulk)
☐	Clinical Laboratory Reagents, Tests
☐	Clothing: Athletic, Casual, Dress, Uniform, Weather, Work Related
☐	Communications and Media Related Services
☐	Computer Accessories and Supplies
☐	Computer Hardware and Peripherals
☐	Computer Software Microcomputers, Systems, Including Cloud-Based
☐	Concrete and Metal Products, Culverts, Pilings, Septic Tanks, Accessories
☐	Construction Services, General (Incl. Maintenance Repair Services)
☐	Consulting Services
☐	Coolers, Drinking Water (Water Fountains)
☐	Court Reporting Services
☐	Data Processing, Computer, Programming, Software Services
☐	Decals and Stamps
☐	Draperies, Curtains, Upholstery Material
☐	Document Shredding Services
☐	Drugs and Pharmaceuticals
☐	Educational/Training Services
☐	Electrical Equipment, Components, Parts, Accessories
☐	Elevators, Escalators, Moving Walks (Building Type)
☐	Energy Collecting Equipment, Accessories: Solar, Wind
☐	Engineering and Architectural Equipment, Surveying Equipment, Drawing
☐	Engineering Services, Professional
☐	Envelopes, Plain
☐	Environmental and Ecological Services

☐	Environmental Protective Equipment (Inside, Outside)
☐	Equipment Maintenance Repairs Automobiles
☐	Equipment Maintenance Repair General Equipment
☐	Fencing
☐	Fertilizers and Soil Conditioners
☐	Financial Services
☐	Fire Protection Equipment and Supplies
☐	First Aid and Safety Equipment and Supplies
☐	Flags, Flag Poles, Banners, Accessories
☐	Floor Covering, Floor Covering Installation, Removal Equipment
☐	Floor Maintenance Machines, Parts, Accessories
☐	Foods, Frozen
☐	Foods, Bakery Products (Fresh)
☐	Foods, Dairy Products (Fresh)
☐	Foods, Perishable
☐	Foods, Staple Grocery, Grocer's Misc. Items
☐	Forestry Services
☐	Forms, Continuous: Computer Paper, Form Labels, Snap-Out Forms
☐	Fuel, Oil, Grease, Lubricants
☐	Furniture: Health Care, Hospital and/or Doctor's Office
☐	Furniture: Laboratory
☐	Furniture: Office
☐	Gases, Containers, Equipment, Laboratory, Medical, Welding
☐	Hand Tools (Powered and Non-Powered), Accessories
☐	Hardware and Related Items
☐	Health Related Services
☐	Hospital, Surgical, Medical Related Accessories, and Sundry Items
☐	Human Services
☐	Insurance and Insurance Services
☐	Janitorial Supplies, General
☐	Laboratory and Field Equipment and Supplies
☐	Laundry, Dry Cleaning Equipment, Accessories, Supplies, Commercial
☐	Laundry, Dry Cleaning Services
☐	Law Enforcement Services
☐	Lawn Maintenance Equipment, Accessories
☐	Library and Subscription Services
☐	Lumber, Siding, and Related Products
☐	Machinery and Hardware, Industrial
☐	Management Services
☐	Marine, Construction and Related Services, Marine Equipment Maintenance
☐	Markers, Plaques, Traffic Control Devices
☐	Mass Transportation - Transit Bus

☐	Mass Transportation - Transit Bus Accessories, Parts
☐	Material Handling, Conveyors, Storage Equipment, Accessories
☐	Metal, Paper, Plastic Stencils and Stenciling Devices
☐	Moving Services
☐	Office Supplies, General
☐	Paper For Office and Print Shop Use
☐	Pesticides and Chemicals: Agricultural & Industrial
☐	Plumbing Equipment, Fixtures, Supplies
☐	Police, Prison, Security Access Equipment, Supplies
☐	Power Generation Equipment, Accessories, Supplies
☐	Printing and Typesetting Services
☐	Public Works and Related Services
☐	Publications, Audiovisual Materials, Books, Textbooks
☐	Pumping Equipment, Accessories
☐	Radio Communication Equipment, Accessories, Supplies
☐	Real Property; Rental or Lease
☐	Rental or Lease of General Equipment
☐	Rental or Lease of Clothing
☐	Rental or Lease Services of Computers
☐	Road and Highway Building Materials
☐	Road and Highway Equipment
☐	Roadside, Grounds, Recreation, Park Area Services
☒	Salt (Sodium Chloride)
☐	Sampling, Sample Preparation Services
☐	Security, Fire, Safety, and Emergency Services
☐	Signs, Sign Materials, Sign Making Equipment, Related Supplies
☐	Signs, Sign Materials, Sign Making Equipment, Related Supplies
☐	Sporting Goods, Athletic Equipment, Athletic Facility Equipment
☐	Spraying Equipment
☐	Steam and Hot Water Boilers, Steam Heating Equipment
☒	Tanks
☐	Telecommunication Equipments, Accessories, Supplies
☐	Television Equipment and Accessories
☐	Testing and Calibration Services
☐	Textiles, Fibers, Household Linens, Piece Goods
☐	Tires, Tubes (Incl. Recapped/Retreaded Tires)
☐	Transportation Services (Not Otherwise Classified)
☐	Travel
☐	Trucks
☐	Venellian Blinds, Awnings, Shades
☐	Veterinary Equipment, Supplies
☐	Water and Wastewater Treating Chemicals
☒	Water Supply, Groundwater, Sewage Treatment, Related Equipment
☐	Welding Equipment and Supplies
☐	X-Ray, Radiological Equipment And Supplies

☒ OTHER / NOT LISTED - Please Describe Below

Commercial Water treatment

Equipment sales and service.

**Request for Taxpayer
Identification Number and Certification**

Go to www.irs.gov/FormW9 for instructions and the latest information.

Give form to the
requester. Do not
send to the IRS.

Before you begin. For guidance related to the purpose of Form W-9, see *Purpose of Form*, below.

Print or type. See Specific Instructions on page 3.	1 Name of entity/individual. An entry is required. (For a sole proprietor or disregarded entity, enter the owner's name on line 1, and enter the business/disregarded entity's name on line 2.) Aqua Service Company	
	2 Business name/disregarded entity name, if different from above.	
	3a Check the appropriate box for federal tax classification of the entity/individual whose name is entered on line 1. Check only one of the following seven boxes. ☐ Individual/sole proprietor ☐ C corporation ☒ S corporation ☐ Partnership ☐ Trust/estate ☐ LLC. Enter the tax classification (C = C corporation, S = S corporation, P = Partnership) _____ Note: Check the "LLC" box above and, in the entry space, enter the appropriate code (C, S, or P) for the tax classification of the LLC, unless it is a disregarded entity. A disregarded entity should instead check the appropriate box for the tax classification of its owner. ☐ Other (see instructions) _____	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from Foreign Account Tax Compliance Act (FATCA) reporting code (if any) _____ (Applies to accounts maintained outside the United States.)
	3b If on line 3a you checked "Partnership" or "Trust/estate," or checked "LLC" and entered "P" as its tax classification, and you are providing this form to a partnership, trust, or estate in which you have an ownership interest, check this box if you have any foreign partners, owners, or beneficiaries. See instructions. ☐	
	5 Address (number, street, and apt. or suite no.). See instructions. 1001 W. Republic Dr. Unit 2 6 City, state, and ZIP code Addison IL. 60101 7 List account number(s) here (optional)	Requester's name and address (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. See also *What Name and Number To Give the Requester* for guidelines on whose number to enter.

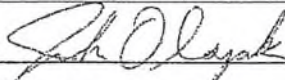
Social security number								
			-				-	
or								
Employer identification number								
3	6	-	3	9	8	1	2	4

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and, generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here Signature of U.S. person 

Date **10/16/24**

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

What's New

Line 3a has been modified to clarify how a disregarded entity completes this line. An LLC that is a disregarded entity should check the appropriate box for the tax classification of its owner. Otherwise, it should check the "LLC" box and enter its appropriate tax classification.

New line 3b has been added to this form. A flow-through entity is required to complete this line to indicate that it has direct or indirect foreign partners, owners, or beneficiaries when it provides the Form W-9 to another flow-through entity in which it has an ownership interest. This change is intended to provide a flow-through entity with information regarding the status of its indirect foreign partners, owners, or beneficiaries, so that it can satisfy any applicable reporting requirements. For example, a partnership that has any indirect foreign partners may be required to complete Schedules K-2 and K-3. See the Partnership Instructions for Schedules K-2 and K-3 (Form 1065).

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS is giving you this form because they

252111107 8/2023 8810004308

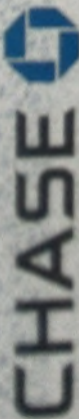
HOLD DOCUMENT AT WATERMARK ON BACK

CASHIER'S CHECK

HOLD DOCUMENT AT WATERMARK ON BACK

9506145712 25-3 440

Date 08/11/2025 Void after 1 year



Remitter: AQUA SERVICE CO

Pay To The MCHENRY COUNTY GOVERNMENT
Order Of:

Pay: FOUR THOUSAND NINE HUNDRED FORTY SEVEN DOLLARS AND 00 CENTS \$** 4,947.00 **

Do not write outside this box

Memor: For BID RFP 25-8424

Note: For information only. Comment has no effect on bank's payment.

Drawn: JPMORGAN CHASE BANK, N.A.

Thomas W. Home

Thomas W Home, Chief Administrative Officer
JPMorgan Chase Bank, N.A.
Columbus, OH

⑆9506145712⑆ ⑆044000037⑆ 758661359⑆