

CITCO
WATER

AULICK
A CITCO WATER COMPANY

CHEMICAL SOLUTIONS



Coagulation & Flocculation

Thorn-Flocc Line of Products
DelPAC 2020 and PACI, Aluminum Sulfate, and Aluminum Chlorohydrate Flocculants for Coagulation Aids, Settling Aids, and Sludge De-watering

Acids

Sulfuric Acid
Hydrochloric Acid
Citric Acid

Alkalis

Sodium Hydroxide (Caustic Soda) 30% and 50%
Hydrated Lime
Soda Ash
Sodium Bicarbonate

Oxidizers

Potassium Permanganate
Sodium Permanganate
Hydrogen Peroxide

Disinfectants

Liquid Chlorine (Chlorine Gas)
Sodium Hypochlorite (Bleach)
Calcium Hypochlorite
Peracetic Acid (PAA)
Liquid Ammonium Sulfate (LAS)

De-Chlorination

Sulfur Dioxide Gas
Sodium Bisulfite
Sodium Thiosulfate

Corrosion Control

Polyphosphate, Orthophosphate, Zinc Orthophosphate, and Blended Phosphate

Miscellaneous

Fluoride - Liquid and Dry
Carbon - Bags and Slurry
Copper Sulfate Liquid
Ferrous Sulfate for Odor Control
Various Pool Chemicals
Ice Melt

MUNICIPAL COLLECTION SYSTEM SOLUTIONS

Nitra-Nox - Odor Control for Hydrogen Sulfide Prevention

- Preventive Chemistry: halts odor and corrosion from untreated hydrogen sulfide
- Nonhazardous, does not affect pH of wastewater
- Reduces BOD and health threats to Utility personnel

Sul-Fight - Hydrogen Sulfide Control

- Removes hydrogen sulfide where it exists
- Chemical reaction produces a non-odorous and non-corrosive and sulfonated compound

ROX-92 - Vapor Odor Absorption Chemistry

- Absorption and adsorption of hydrogen sulfide, mercaptans, and ammonia
- Transforms liquid to vapor via ProFlo Vapor Distribution

Golden Blend - Floating Lift Station Degreaser

- Fats, oil and grease control
- Dissolves lift station grease on contact leaving behind a fresh citrus fragrance

CC-62 - Caustic Powdered Lift Station Degreaser

- Fats, oil and grease control
- Instantly dissolves lift station grease
- Moisture-activated

225 Force Main Stripper

- Decreases anaerobic bacteria growth
- Removes force main build up of grease and bacterial slime

NN
NITRA-NOX

SF
SUL-FIGHT

ROX
92
Vapor
Odor
Absorption
Chemistry

GOLDEN BLEND
Floating Lift Station Degreaser

225
FORCE MAIN STRIPPER
FMS

DRINKING WATER TREATMENT SOLUTIONS

Verus Blended Phosphates

- Sequesters iron, manganese, calcium, magnesium
- Corrosion control utilizing lowest possible feed rate
- Linear polyphosphate

Clarus - Patented Water Treatment Technology

- Corrosion control for cleaning and sequestration
- Iron and manganese control
- Removes scale, tuberculation, biofilm

Activated Carbon

- Outstanding performance on DBP precursors
- Effective at removing geosmin and MIB
- Wood-based

WASTEWATER TREATMENT SOLUTIONS

AulFlocc Polymers

- Cationic/anionic granular and emulsion polymers
- Jar testing performed to evaluate precise polymer for specific wastewater application
- Used in broad range of solid-liquid separation in belt press, municipal, and industrial applications

SC-408

- Cationic polymer
- Effective over a pH range of 6.5-12
- Increases dissolved oxygen level

AulBac Biological Complexes

- Reduces foaming
- Improves sludge settling and density
- F.O.G., BOD, TSS removal
- Applications: lift stations, scum pits, wet wells, facultative lagoons/basins, and aeration basins



Odor Control Systems

- Stainless steel, tank mount, fiberglass
- Feed rate based on flow
- Remote tank monitoring
- Force main injection capabilities
- Odor control systems to meet engineer specs - designed in-house
- Optional preventive maintenance performed by Aulick personnel

Matador - Wastewater Matting Eliminator

- Dissolves lift station F.O.G. build-up
- Prevents H₂S due to increased D.O.
- Encourages lift station microbial population to aerobic state
- Formatted to fit individual lift stations
- Operates in compact fiberglass enclosure



Motus iDS - Intelligent Dosing System

- Automatic dosing adjusts with flow and organic compound changes
- Password protected HMI display with tank level and dosing amount display
- Stainless steel enclosure
- PLC controller runs calculations to adjust chemical feed
- Decreased chemical dosing during rain events



Jackpot - Odor Control

- Stainless steel 'air scrubber' for manholes and lift stations
- Utilizes Aulick's activated carbon in a replaceable media cartridge
- Sewer odors removed by adsorption
- No power supply needed



CLEAN CHEMICAL PROGRAM

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Solutions Driven

- Evaluation of your system
- Identification of current needs
- Proposal of a customized plan
- Safety and efficiency recommendations for chemical application
- Upgrades to pumps, instrumentation and other equipment
- Turn-key chemical feed systems from mini-bulk to bulk
- Access to SMARTank Remote Tank Monitoring
- Upgraded equipment without the initial capital cost

Commitment Given

- NSF Certified
- Member of the Alliance for Chemical Distribution (ACD)
- Emphasis on Safety & Efficiency
- Access to CITCO Water chemical specialists ensuring highest quality water & wastewater treatment
- Controlled pricing on our industry-leading chemical solutions
- Discounted rates on CITCO Repair Solutions

CHEMICAL SOLUTIONS OFFERED

- Municipal Collection System Solutions
- Drinking Water Treatment Solutions
- Wastewater Treatment Plant Solutions
- Chemical Feed Systems

ADAPTIVE DELIVERY

- Tanker
- Mini-bulk
- Delivery, Installation, & Startup of Chemical Feed Systems



**CHEMICAL
SOLUTIONS**

**CITCO
WATER**
800.999.3484

AULICK
A CITCO WATER COMPANY
859.881.5422

EMAIL

info@CitcoWater.com
customerservice@CitcoWater.com
info@AulickChemical.com
customerservice@AulickChemical.com

LOCATIONS

Bowling Green, KY
140B Ambassador Dr, 42101

Bristol, VA
17100 Lee Hwy, 24210

Fort Mill, SC
3482 SC Hwy, 51 N, 29715

Hebron, KY
1639 Youell Rd, 41048

Huntington, WV
4034 Altizer Ave, 25705

Lexington, KY
740 Enterprise Dr 40510

Morgantown, WV
116 Bethel Rd, 26505

Nashville, TN
3333 Hydes Ferry Rd, 37218

Natrona Heights, PA
197 Alter Rd, 15065

Nicholasville, KY
111 Patton Ct, 40356

South Charleston, WV
117 D St, 25303

Valley Grove, WV
8065 National Rd, 26059

SOLUTIONS DRIVEN



**CHEMICAL
SOLUTIONS**



**SMART
METER
SOLUTIONS**



**INTEGRATED
TECH
SOLUTIONS**



**HARDWARE
SOLUTIONS**



**INVENTORY
SOLUTIONS**



**REPAIR
SOLUTIONS**