

NE 3003

# WASTEWATER TREATMENT CHEMICALS & PRODUCTS

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**JNE 2020** 

**JNE 281** 

### CHEMICAL SOLUTIONS THAT WORK FOR YOU BILLIONS OF GALLONS TREATED

31110

JNE Environmental's complete line of wastewater treatment chemistry is specifically designed for industrial applications. Each JNE wastewater treatment product is custom tailored to our client's individual needs by our technical service staff.

### WE'VE GOT INDUSTRY SPECIFIC WASTEWATER TREATMENT SOLUTIONS DOWN TO A SCIENCE



TEXTILE

WASTE OIL

## **OUR PRODUCTS**

We have a complete line of chemistry formulated for any industrial wastewater application. Each product we provide is custom tailored by our technical service staff to solve individual client's wastewater issues. All of our products are designed to work together with JNE Environmental wastewater equipment, and can be tailored to other existing systems.

#### PRODUCT LINE

- Flocculants •
- Coagulants •
- Heavy Metal Removal •
- Sludge Dewatering •
- Anti-Foaming Agents
- Oily Water Separation
- VOC/Odor Control
- pH Control Systems •

#### **KEY PERFORMANCE CRITERIA & REDUCTIONS**

- FOG (Fats, Oils and Grease)
- Total Phosphorus
- TKN (Total Kjeldahl Nitrogen)
- TSS (Total Suspended Solids)
- Heavy Metals (Copper, Nickel, Zinc, etc.)
- VOC (Volatile Organic Compounds)
- Ammonia
- BOD (Biochemical Oxygen Demand)

JNE PRODUCT #	281	282	303	310	322	340	342	343	500
BOD Reduction ••	∡	∡	<u>д</u>			∡	∡	∡	∡
Food Processing Waste ••	∡	Ā	Д			∡	∡	Ā	Д
Organic Wastewater Treatment ••	∡	4	4			4	∡	4	4
Fat, Oil and Grease (FOG) Removal ••	4	4	4			4	4	4	4
Paint Detackification ••	∡	∡	∡			∡	∡	∡	∡
Bio-Sludge De-Watering •									
Colour Removal ••	4	4	4			4	4	4	4
Low Turbidity Clarification ••	4	4	4			4	4	4	
Oily Wastewater ••	4	4	4			4	4	4	4
Emulsion Breakers ••	∡	4	∡						4
High Turbidity Clarification ••	Ā	Ā	Ā			4	Ā	4	Ā
Heavy Metal Removal ••	∡	∡	∡	4	∡	∡	∡	∡	4
Phosphorous Removal ••	∡	4	4	4	4	4	4	4	4
Foam Elimination •									4
Algae Control •									
Anti-Fouling Agents •									
Boiler Oxygen Scavenger •									
Boiler Anti-Scale •									
Condensate Neutralizer •									
pH Up •									
pH Down •									
Primary Organic Waste Separation •									
DAF Sludge Dewatering •									
Low Solids Sludge Dewatering •									
High Solids Sludge Dewatering •									



### INE Environmental

WASTEWATER AND WATER TREATMENT EXPERTS INEGROUP.COM/ENVIRONMENTAL

#### **ADDITIONAL SERVICES**

- Compliance Plan Development
- Treatability Studies
- Composite Sampling and Wastewater Profiling
- Wastewater Site Assessment
- Wastewater Equipment Retro-Fit and Modifications
- Operator Training

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## WASTEWATER TREATMENT CHEMICALS & PRODUCTS

JNE Environmental can design and supply complete systems up to 2000 gallons per minute. Please call for a free no obligation review of your current wastewater system.

#### **CONTACT US TODAY**

#### **HEAD OFFICE**

925 CENTURY DRIVE, BURLINGTON, ON CANADA L7L 5J8 PHONE: (905) 529-5122 FAX: (905) 529-1974 EMAIL: ENVIROINFO@JNEGROUP.COM WEBSITE: WWW.JNEGROUP.COM/ENVIRONMENTAL

#### GENERAL MANAGER

MATT GREIG OFFICE EXTENSION: 249 EMAIL: MGREIG@JNEGROUP.COM



# ENGINEERING SUCCESS

The JNE Group of Companies have grown from one to hundreds of professionals from all major engineering disciplines providing services to a variety of clients around the world. Each business unit at JNE has an experienced core group to lead any project to a successful conclusion. JNE strives to deliver quality and exceed client expectations in a timely, flexible and economic manner. Our companies have succeeded based on time honoured values: *respect, integrity, diversity, and reliability.* 

#### INE Consulting

JNE Consulting provides comprehensive full-service multi-disciplinary engineering services, enabling clients to deal with a single source through all of the phases of project engineering, conceptual engineering, detailed design/ engineering, procurement, construction, and startup. Our approach allows us to maintain efficient cost and schedule controls.

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#### JNE Automation

JNE Automation designs custom control systems to optimize productivity, quality performance and reduce operational cost and risk. Our systems with varying levels of sophistication include software, SCADA, HMIs, micro and high level integrated multi-platform programmable logic controllers ("PLCs"), certified safety PLCs, and distributed control systems ("DCS").

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#### JNE Power

JNE Power takes pride in exceeding client expectations with all of our complete design engineering services, fully integrated system installation, and construction services. This includes steam and gas powered turbo-generator systems (natural and process waste gases), reciprocating engine systems, as well as renewable energy projects.

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#### JNE Environmental

JNE Environmental specializes in resolving wastewater issues, from simple to complex, for all major industries. We design, manufacture, and service our own line of water treatment chemicals and equipment; offering customized solutions with ongoing support to each of our clients.

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