NC/SC Municipal Water and Wastewater Processes



AERATION

Aeration Industries (Floating Aerators)
Landia (Venturi Air Jet)
ClearStream (Jet Aeration)
Kruger (Coarse/Fine Bubble, Surface)
Ekoton (Tube Diffusers)

AIR SCRUBBERS/ODOR CONTROL

Vapex (Odor Control – FOG Reduction)

BIOLOGICAL TREATMENT

Aeration Industries (SBR, Tri-Oval) Kruger (IFAS, MBR, MBBR, Ditch, BioStyr (BAF), Hybas, Anita Mox) ClearStream (DAF, SBR, Ditch) Fibracast (MBR Fibreplate)

FILTRATION

Kruger (Discfilter)

SCREENING/HEADWORKS

John Meunier (Screens, Compactors, Multi-Rake Bar Screens, & Grit Collectors)

SEDIMENTATION/CLARIFICATION

Kruger (ACTIFLLO)
ClearStream (Suction, Solids
Contact, Suction Pipe, Spiral
Blade, Segmented Blade
Clarifiers)
Trident (Dissolved Air Flotation Systems)
Aeration Industries (SBR)

CHEMICAL FEED

Heartland Pump & Process (Chemical Feed Skids) John Meunier (HydroPol Polymer Prep)

COLLECTION SYSTEM

Vapex (Odor Control – FOG Reduction) Landia (Chopper Pumps)

DISINFECTION

Glasco (Ultraviolet – Vertical, Chambered, Horizontal, Non-Contact)

THICKENING/DEWATERING

Pieralisi (Centrifuges)
ClearStream (Circular Thickeners)
FKC (Screw Press, Rotary Drum, High Consistence
Screw Thickener)
Trident (Wave Thickeners, DAF)
Kruger (Struvia - Nutrient Recovery Process)
Ekoton (Multi-disc Screw Dehydrator)

DIGESTION/SLUDGE STABILIZATION

BCR (CleanB chemical digestion)
Kruger (Thermal Hydrolysis, Struvia Nutrient Recovery, BioCon Dryer)
Aeration Industries (Floating Aerators)
Landia (BioGas anaerobic digestion process)
Pieralisi (Centrifuge)
Ekoton (Tube Diffusers)
ClearStream (Digester Covers)

INSTRUMENTATION & CONTROL

Kruger (STAC, SCADA) John Meunier (HydroPol)

MIXING

Kruger (Stamo Agitator) Aeration Industries (Floating Mixer)

VALVES/VALVE ACTUATORS/GATES

RW Gate (Fabricated Stainless Steel Sluice Gate, Slide Gate, Stop Log Assemblies, Stop Gates, Flap Gates, Telescopic Valves, Mud Valves, Shear Gates)

PUMPS

Landia (Chopper Pump)
PCM (Progressive Cavity Pumps)

CONVEYING EQUIPMENT

KWS (Screw Conveyor, Belt Conveyor, Drag Conveyor, Bucket Elevators, Slide Gates, Screw Feeders & Live Bottoms)