

COMPACT CONTAINERIZED SYSTEMS

WASTEWATER TREATMENT



CCS

The Standard For Modular, Packaged
Wastewater Treatment Plants



www.galenewt.com

THE INDUSTRY'S MOST EFFECTIVE WASTEWATER TREATMENT SYSTEMS

GALENE's packaged "plug and play" water treatment plants - **CCS**, combines technological knowledge with leading process engineering to create small size biological solution for sanitary and industrial wastewater treatment applications. The units employ activated sludge with extended aeration process, achieving odorless and easy operation while assuring high quality effluent with stable and reduced volume of excess sludge for disposal.

GALENE's CCS units are pre-designed and prefabricated in house delivering a fully operational system for fast and easy on-site connection. Its modularity gives the system flexibility for different loading and flow requirements. All electromechanical, mechanical and electrical equipment are pre-assembled, delivering a complete package to site,

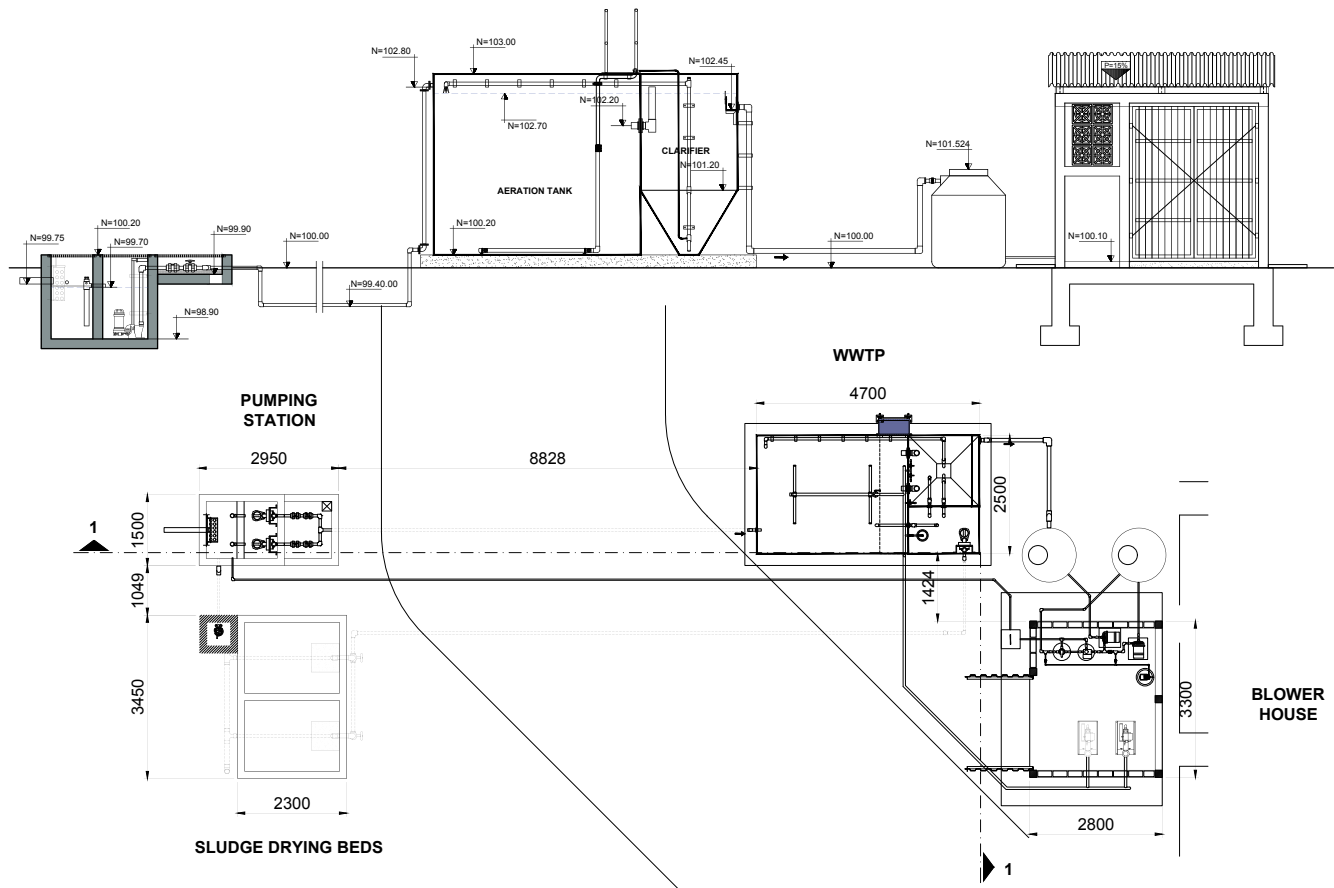
reducing substantially installation time, earth movement and civil works required for its implementation. Its rectangular tankage and equipment compact design maximizes space efficiency, reducing footprint and ancillary yard piping, thus increasing land utilization for other needs of the client.

GALENE's CCS flexible design permits the simple integration of additional treatment process steps base on client's requirements, including Biological Nutrient Removal (BNR), tertiary treatment for water reuse, disinfection by chlorination or UV, among other specialized treatment needs. The CCS is equipped with high quality components with optional advanced process control and automation equipment for ease of operation.



**"UNITS ARE
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OPERATIONAL
SYSTEM"**

CCS50



FEATURES AND BENEFITS

- Reduced overall Project cost with Pre-engineered and prefabricated system
- High process stability and treated effluent quality surpassing local regulations
- Fast Project implementation
- Low operation and maintenance costs achieved by stable process design and product simplicity
- Stabilized and reduced excess sludge volume
- Odorless system
- Flexibility for additional features such as BNR, tertiary filtration and chlorine/UV disinfection
- Low energy consumption achieved by high oxygen transfer efficiency
- Maintenance simplicity through retractable diffuser system, and easy access components

TYPICAL APPLICATIONS

- Housing Developments and subdivisions
- Hotels and Resorts
- Malls and Strip Malls
- Warehouse Developments and other Commercial property
- Schools
- Car Wash and other Commercial applications
- Recreational Parks and Campgrounds
- Military bases
- Industrial applications



The CCS comes in a wide range of standard models presented in the table below. Other flows or organic loadings can be supplied on a case by case basis.

Model	Avg. Flow in GPD	Population Equivalent 65 GPD pp	Average BOD kg/d 0.075kg ppd	Approximate Area ft2
CCS30	7500	115	115	115
CCS50	13,500	210	210	210
CCS70	18,500	285	285	285
CCS110	28,500	440	440	440
CCS140	37,000	570	570	570
CCS160	42,500	655	655	655
CCS220	57,000	880	880	880

EXPERTS IN INNOVATIVE SOLUTIONS FOR WATER AND WASTEWATER TREATMENT

With a refreshingly innovative approach to the business of water and wastewater treatment, **GALENE's** expert team delivers high performance solutions that are exceptionally cost-effective and competitive. Backed by decades of successful global experience, yet focused locally on the unique needs of its clients, **GALENE** is a leading source for complete design/build projects, equipment sales, implementation and service for all market sectors including municipal, private and corporate development, industrial and irrigation. Project funding has never been easier or faster than with **GALENE's** flexible and accessible financing options.

RESULTS THAT ARE NOT ONLY TECHNICALLY TOP NOTCH, BUT AMAZINGLY BUSINESS FRIENDLY.



For more information, please contact



508 NE 190th Street | Miami, Florida 33179

Telephone: 1 844 9GALENE (942 5363) | Email: info@galenewt.com

www.GaleneWT.com