

AE Series Packaged Plants are customizable, simple to operate, and cost effective.

Packaged & Field Erected Wastewater Treatment Plants

AE Water provides complete treatment solutions for commercial, and industrial wastewater. AE Series Packaged Wastewater Treatment Plants are custom configured for each project.

Aquatech Energia has the engineering expertise to construct treatment plants to address a wide range of wastewater challenges. AE Series packaged plants are designed for applications that require reliable and cost-effective secondary and tertiary treatment solutions.

As a result of AE Water's engineering experience and design standardization, new systems can be shipped quickly to any customer, at any location. AE Series packaged plants are flexible and simple to operate in the field and are designed to minimize installation and start-up costs.

Features and Benefits Include:

- High degree of treatment
(85-90% of BOD/TSS removal)
- Secondary treatment w/ high effluent quality
- Tertiary filtration option for polished effluent
- Pre-fabricated packaged plants with a flow range
from 5 KLD to 100 KLD)
- Field-erected packaged plants with a flow range
from 10 KLD to 1500 KLD
- Portable and reusable
- Odor-free
- Custom coatings to match surrounding terrain
- Pre-assembled auxiliary components
- Reliable extended aeration process technology
- Compact and self-contained designs
- Above- or below-grade installation



Options Available with AE Series Wastewater Plants

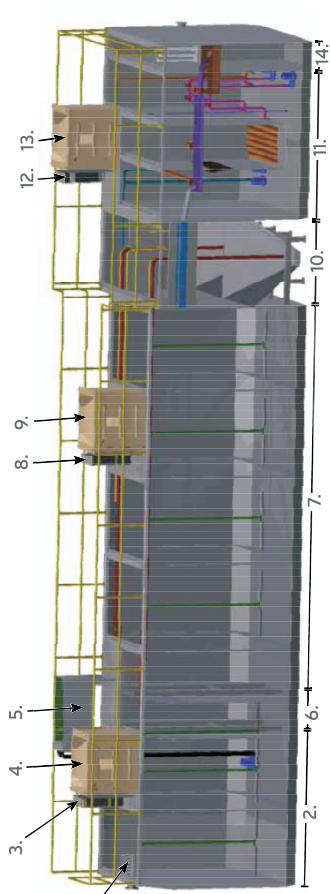
In order to address more stringent effluent standards, our design team can select and engineer the following treatment options to achieve excellent removal rates of BOD, TSS, and nutrients.

Secondary Wastewater Treatment



- | | |
|--|----------------------------------|
| Tertiary prescreening | Disinfection with UV or chlorine |
| Tertiary dual media filtration with automatic air and water backwash | Grit removal |
| Biological nitrogen removal | DAF |
| Chemical phosphorus removal | Clarification |
| Post aeration for DO control | Prescreening |

3D Model of a AE Series Packaged Wastewater Plant



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Typical Applications:

- Highway rest areas and truck stops
- Apartment complexes
- Military bases
- Power stations
- Schools and universities
- Towns and small residential communities
- Campgrounds and parks

- Remote mine and construction sites
- Hospitals and nursing homes

KEY	
1. Inlet Bar Screen	8. Main Control Panel
2. Flow Equalization Chamber	9. Aeration Blower
3. Flow EQ Control Panel	10. Hopper Bottom Clarifier
4. Flow EQ Blower	11. Tertiary Dual Media Sand Filter (optional)
5. Flow Control Box	12. Tertiary Control Panel
6. Sludge Holding Tank	13. Tertiary Blower
7. Aeration Chamber	14. Disinfection: Chlorine Contact Chamber

Aquatech Energia Series



Packaged waste water Treatment Plants

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An ISO 9001:2015 Certified Company

