



ENVIRONMENTAL CONCEPTS EXCHANGE ASSOCIATION

ECEXA - Job Profile for waste water

The main field of activity is the transfer from scientific knowledge and results to praxis relevant and economic solutions in the subject area of sewage systems, municipal and industrial waste water treatment, aerobic and anaerobic sludge stabilization, biogas production from organic waste and byproducts.

Sewage systems and waste water treatment:

Feasibility studies - regional waste water disposal scheme;

Combined sewers systems – storm water overflow basins;

Municipal waste water treatment;

Industrial waste water treatment, aerobic and anaerobic treatment systems, special experience in treatment of waste water from sugar and starch industry, paper industry and dairy waste water and similar waste water;

Sewage sludge digestion and biogas production

Aerobic und anaerobic sewage sludge stabilization, sewage sludge dewatering, co-fermentation of sewage sludge and other organic waste and by-products, special experience with large anaerobic systems and digesters in a size up to 15.000 m³ sludge filling volume.

Consulting

Startup management of waste water treatment- and biogas plants – staff training

Process optimization and supervision of process;

Process trouble shooting;

Solving of bulking sludge problems in aerobic sludge systems;

Design of waste water and biogas systems

Evaluation of dimensioning data for new systems and for extension;

Process design;

Analysis of alternatives and economic optimization;

Permission documents;

Detail engineering;

Tender documents and technical contract documents;

Construction management and supervision;

Process design and process development

Regional waste water disposal scheme studies;

Process design from laboratory and pilot investigation to full scale plant for industry waste water treatment and biogas plants;

Oxygen transfer tests;

Mobile waste water laboratory;

Staff training;

Studies and expertise;

We also appreciate any other form of communication (phone, email).

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