

In recent years, Lemna wastewater treatment plants have been a problem for operators due to excessive sedimentation, unwanted odors, and reduced quantity of delivered wastewater. We want to announce that this time is over and that the most environmentally friendly way of treating wastewater IS WORKING.



In Poland there are nearly 50 Lemna type wastewater treatment plants, which use lemna in their technological process.

Unfortunately, due to inappropriate operation, odors that are unacceptable to the local residents are emitted from them, there is a problem of delivered wastewater, often the parameters of treated wastewater do not meet the standards, sludge is not taken out due to lack of funds in the budget, and the bills for electricity consumption are higher every year.

This is the case in 90% of the plants, but it does not have to be that way.

There are wastewater treatment plants of the Lemna type, which in the most ecological way, i.e. without the use of chemicals, work and accept any amount of wastewater delivered, and the people who live in the vicinity are convinced that they live near ponds and not near wastewater treatment plants. What is important, however, is that treated wastewater improves the quality of water in the surrounding lakes and rivers.

An example is the treatment plant in the Sochocin Commune, which has undergone a transformation within a year, from being a curse to the commune leaders to a place where other operators come to gather experience in order to make positive changes to their facilities.

The Commune Facility in Sochocin, in cooperation with Eco Life System Sp. z o.o., the owner of the Eco Tabs technology which was developed in cooperation with scientists from the Koszalin University of Technology and the University of Warsaw, and with a great contribution from the operator of the plant, Mr. Andrzej Malinowski, has built a system that can be successfully used in any other plant of this type.

Lemna wastewater treatment plants can be an excellent alternative to mechanical-biological wastewater treatment plants in regions **with small budgets, when there are no funds to build a new plant that meets the requirements of the 21st century, but on the condition that they are operate in the same way as the plant in Sochocin.**

Eco Life System, in cooperation with Sochocin Commune offers the possibility of using the **“Lemna Plus” repair program** within the framework of which, during the 12-18 months of cooperation, your treatment plant will fulfill all its tasks.

As a part of the program:

- We will clear the sewage system, oxygenate the incoming sewage, and get rid of the fat deposits in the pumping stations;
- We will act on the wastewater delivered so that it does not adversely affect the pond treatment process;
- We will show technical improvements that will improve the operation of the plant;
- Using biotechnology, we will reduce and, in the long term, eliminate excess sludge in the ponds.

Financing of the project:

1. From the savings in electricity consumption.
2. From the funds earmarked in the budget for mechanical sludge removal.
3. From reduction of the cost of cleaning of the pumping stations.
4. From the fees for the delivered wastewater.
5. From the funds for air quality improvement programs.
6. From reduced penalties for exceeding the parameters of treated wastewater.

We are ready to meet at a convenient time for you, to present our completed projects and to organize a visit to

the Sochocin Commune where the Lemna wastewater treatment plant works really well.

Other wastewater treatment plants that have benefited from our Lemna Plus program

are located in the following communes: Wręczyca Wielka and Tarnówka.

Operators will be happy to share their experiences with you.

We encourage you to contact us.



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