



Killistrasse 3, 85658 Egming/Münster, Germany
Tel: +49(0)8093-90240-0 • Fax: +49(0)8093-90240-91 • info@biolak.de • www.biolak.de

TECHNICAL QUESTIONNAIRE

Data overview for **process water treatment** plant using the **BIOLAK® GAS Liquid** and **BIOLAK® Integral** systems

Project: _____

Name, location: _____

Planner (name, address, tel., fax): _____

1. Operations: New build or facilities already available

2. Production: _____

3. Load:

	Production	Branch current	Branch current
mg COD/l			
mg BOD ₅ / l			
mg N / l			
mg P / l			
mg SS / l			
Volume of sewage Q m ³ /d			
Volume of sewage Q h/d			

External water (m³/d): _____

Rain water (m³/d): _____

Operating h/d and d/a: _____

Others (please state) (m³/d): _____

Accumulation of organic side-products for FFF process (Solids fluids fermentation). Please state type and volume:

_____, t/a (with _____ % DS)

_____, t/a (with _____ % DS)

_____, t/a (with _____ % DS)

Current disposal costs of additional products (please also provide the DS content in %)
_____ EUR/t

Special features: _____

e.g. industry (type of sewage, type of pollution, fluctuations, production data, flow schedule etc.)

Other supply features:

Temperature (°C)	pH
Colour	Fluctuations
Other	

4. Treatment performance:

	BOD ₅	COD	N	P	SS	NH ₄ -N	NO ₃ -N
Available mg/l*							
Required mg/l*							

*If possible please state whether N_{org}, NH₄-N, NO₃-N, (NO₂-N) or TKN

5. Sewage system:

Separation of fecal water / process water? Yes No

6. Terrain conditions:

Space available m²: _____

Topographical heights: _____

Type of ground: _____

Ground water level: m under the surface: _____

Ground survey available: Yes No

Flooding area: Yes No

7. Outlet into river lake other

Size m³/s: _____ m²: _____

Distance from discharge system m: _____

8. Recycling / energy generation

Is water recycling required and for what purpose? _____

Can you use biogas? _____ Where? _____

Can you use heat energy? _____ Where? _____ How much? _____

Can you use electricity? _____ Where? _____ How much? _____

9. Other (e.g. electricity, voltage, water supply etc.): _____

10. Layout plans, topographical maps etc.... Please send us all available facts

11. Current costs for water treatment:

Operating costs (EUR/m³): _____

Anticipated price (EUR/m³): _____

Other costs: _____

Electricity costs EUR/kWh: _____

Heating costs EUR/l: _____

Gas EUR/m³: _____

Thank you for taking the time to answer our questions.

We would like to thank you for sending back the form.

Location, date: _____ Signature: _____