



Biological Compact Treatment Stations for Sewage Treatment of
Smaller Connection Loads (up to 20,000 m³/d)

QUESTIONNAIRE REGARDING PROJECT DATA

1. General Information

1.1	Project-Code / Project-No.:		
1.2	Nation / Province:		
1.3	Postal Code / Name of Town:		
1.4	Questionnaire filled out by:		
1.5	Company / Office:		
1.6	Address:		
1.7	Telephone / Fax		
1.8	Design Office for Engineering:	<input type="checkbox"/> not yet available <input type="checkbox"/> design by <i>Biogest Int.</i>	
		<input type="checkbox"/>	
1.9	Offer addressed to:	<input type="checkbox"/> design office <input type="checkbox"/> above-mentioned person	
		<input type="checkbox"/>	
1.10	Additional Project Information:	<input type="checkbox"/> enclosed <input type="checkbox"/> not enclosed <input type="checkbox"/> on request	
1.11	Who is asking:	<input type="checkbox"/> design office <input type="checkbox"/> municipality <input type="checkbox"/> general contractor <input type="checkbox"/> investor	
		<input type="checkbox"/>	



2. Detailed Information

2.1	Short Description of Project: (e. g. housing estate, hotel, village etc.)	
2.2	Geograph. Location, Height above sea level:	
2.3	Characteristic of Sewage:	<input type="checkbox"/> domestic <input type="checkbox"/> industrial
		<input type="checkbox"/> mixed % domestic % industrial
2.4	Features of the project:	
2.5	BOD₅-load:	population equivalents (EW = EGW ₆₀ + Ez)
2.6	Load Variation:	<input type="checkbox"/> very rarely <input type="checkbox"/> industrial
		<input type="checkbox"/> min. p.e., max. p.e.
		<input type="checkbox"/> original connection load p.e.
2.7	Kind of sewage system:	<input type="checkbox"/> separated system <input type="checkbox"/> combined system <input type="checkbox"/> separated-/ combined system
2.8	Volume of wastewater at dry weather:	<input type="checkbox"/> wastewater (Q _S) = m ³ /d = m ³ /h
		<input type="checkbox"/> extraneous water (Q _r) = m ³ /d = l/s
		<input type="checkbox"/> total dry weather (Q _{total}) = m ³ /d = m ³ /h
2.9	Volume of wastewater at rain weather:	<input type="checkbox"/> mixed discharge (Q _{RW}) = m ³ /d = m ³ /h
2.10	Rated Pollution Loads:	<input type="checkbox"/> daily pollution load (B _d , COD) = kg COD/d
		<input type="checkbox"/> daily N-load (B _d , NH ₄ -N) = kg NH ₄ -N/d
		<input type="checkbox"/> daily P-load (B _d , PO ₄ -P) = kg PO ₄ -P/d



2.11	Particular ingredients:	<input type="checkbox"/> not remarkable	
		<input type="checkbox"/>	
2.12	Discharge Conditions:	mg BOD ₅ /l	mg P _{total} /l
		mg COD/l	mg TKN/l *)
		mg NH ₄ -N/l	mg NO ₃ /l
		total suspended solids (TSS):	mg/l
		pH-value:	
		max. permissible discharge quantity:	l/s
		others:	
		minimum requirements according to following regulation:	
2.13	Kind of Discharge:	<input type="checkbox"/> direct discharge (Vorfluter)	
		<input type="checkbox"/> indirect discharge into the local sewage system	
2.14	Recipient:	kind (lake, river, stream, ditch etc.):	
		name:	
		grade of waters:	
		flow quantity (MNQ):	m ³ /s
2.15	Sewage Sludge:		
		a) Destination for Waste Disposal:	<input type="checkbox"/> agriculture <input type="checkbox"/> dump
		b) Quality:	<input type="checkbox"/> stabilized <input type="checkbox"/> wet, % TS
			<input type="checkbox"/> drained min.. % TS
		c) Sludge storage tank:	<input type="checkbox"/> yes <input type="checkbox"/> no
		d) Storage time:	<input type="checkbox"/> days / <input type="checkbox"/> months

*)Remark: (TKN = org. N + NH₄-N at the discharge)



2.16	Inlet Conditions:	<input type="checkbox"/> free inlet, DN in m below ground
		<input type="checkbox"/> existing pumping station: capacity: m ³ /h = l/s
		<input type="checkbox"/> pumping station necessary
2.17	Existing sewage systems: <small>(possible for further use)</small>	<input type="checkbox"/> not applicable, free design possible
		<input type="checkbox"/> it is existing:
		<input type="checkbox"/> schedule / plan is enclosed
2.18	Covered:	<input type="checkbox"/> not applicable, not requested
		<input type="checkbox"/> following parts should be covered:
2.19	Requested kind of Covering:	<input type="checkbox"/> dome-shaped roof made of GPR
		<input type="checkbox"/> earth covered tanks with operation building on top
		<input type="checkbox"/> neutral gable roof construction
		<input type="checkbox"/>
2.20	Distance to housing estate:	<input type="checkbox"/> less than 300 m <input type="checkbox"/> approx. m
2.21	Property Relations: <small>(planned location of the WWTP)</small>	<input type="checkbox"/> flat course
		<input type="checkbox"/> unknown
		<input type="checkbox"/> see attached sketch
		<input type="checkbox"/> ground water in m below ground
2.22	Scope of Delivery to be Offered:	<input type="checkbox"/> on a turn-key basis (including everything)
		<input type="checkbox"/> tanks and mechanical equipment
		<input type="checkbox"/> only mechanical equipment
2.23	Requested Volume of Offer:	<input type="checkbox"/> draft proposition
		<input type="checkbox"/> estimated offer
		<input type="checkbox"/> binding offer



2.24	Requested Date for Offer:	<input type="checkbox"/> immediate	<input type="checkbox"/> until
2.25	Chance for Realization:	<input type="checkbox"/> only alternative study	
		<input type="checkbox"/> concrete project	
		<input type="checkbox"/> year of realization:	
2.26	Favoured Treatment Technology:		
	a) by office:		
	b) by design engineer:		
2.27	Responsible Water Authority:		
	a) Name of Office / Seat:		
	b) Name of Office Worker:		

.....
(Place, Date)



Biogest International GmbH
 Berthold-Haupt-Str. 37
 D - 01257 Dresden
 Fon: +49 (0) 3 51 3 16 86 -0
 Fax: +49 (0) 3 51 3 16 86 -86
 E-Mail: info@biogest-international.de
 Internet: www.biogest-international.de