Sizing form for retrofitting of existing tanks

E-Mail: mail@graf.info · Fax +49 7641 589-50

Contact data

name	country
phone / fax	email
street	project
post code / city	date

Main parameters

1. Maximum hydraulic daily flow the system will receive _____ m^3
2. Water use per person per day: _____ liters
3. Organic load BOD5: _____ mg/l
4. Type of project (please check all relevant boxes):

Residential: ▣
- Vacation/weekend house ☐
- Continously inhabited home ☐

Non residential: ▣
- The wastewater treatment plant will receive the above specified maximum daily flow in _____ hours.

Land specific

1. Required discharge values in your country (specific only those relevant in your country)

BOD5: _____ mg/l COD: _____ mg/l SS: _____ mg/l

NH_4-N: _____ mg/l N_{tot}: _____ mg/l P: _____ mg/l

2. Temperature exposure:

Hottest temperature: _____ °C _____ F

Coldest temperature: _____ °C _____ F

3. Voltage: _____ V Frequency: ___ Hz

Additional observations

_____

_____

_____

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1. Retrofitting – parameters to adjust an existing septic tank

1.1 Pipe connection

Existing In-/Outlet diameter _____ / _____

1.2. Reservoir

No. of reservoirs _____

age _____ years

material (concrete/plastic) _____

☐ **round reservoir**

ø: _____ m

water level: _____ m

baffle height: _____ m

baffle thickness: _____ cm

distance between baffle and cover: _____ cm

☐ **rectangular reservoir**

lenght: _____ m

width: _____ m

water level: _____ m

baffle height: _____ m

baffle thickness: _____ cm

distance between baffle and cover: _____ cm

☐ **reservoir separation**

☐ not divided ☐ 2-chamber ☐ 3-chamber ☐ 4-chamber

2. Notes

_____

_____

_____

_____

3. Space for individual drawing

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