

PUMPING STATION CHECKLIST



Company: Phone:
Contact person: E-mail:
Address: Location:
Postal code: New build Modernization

Please return by email to info@aquato.de

Object to dispose

Single-family house
Two-/multi-family house
Commercial business / office building
Restaurant / hotel / catering facility
Industrial facility
Other:

Flow rate

Number of inhabitants (PE):

PE
or

Total wastewater inflow

(if already determined) l/s m³/h

Kind of wastewater

Domestic wastewater WITHOUT fecal matter
Domestic wastewater WITH fecal matter
Wastewater with a high content of fibers and solids
Wastewater with aggressive components
Effluent from wastewater treatment plant
Other:

Hydraulic data

required for pump performance calculation

Geodetic head H_{geo} m
(from pump shut-off point to gravity discharge point)
Length of pressure pipeline m
Pressure pipeline also includes downhill sections

Additional pressure pipeline data (if known)

Nominal diameter DN or
internal diameter mm

Material: PVC-U PE-HD
Other:

Connection to existing wastewater pressure pipeline?
Yes No

Known pre-pressure bar

Pump shaft information

Installation depth (total) cm
Inlet depth (pipe invert) cm
Discharge outlet height (pipe centerline to base)
..... cm

Load class of manhole cover

Pedestrian traffic (Class A)
Passenger car traffic (Class B)
Truck traffic (Class D)

Sump available, \emptyset m
Total sump depth m

Sump material

Concrete
Plastic

Control unit location

Pump control unit available: Yes No
Distance from shaft to control unit m
(total conduit length)
Control unit location Inside building
In outdoor cabinet