

## Questionnaire Hubert rotating drum screen / micro screen

### 1 Micro screen introduction

Application \_\_\_\_\_

Surface water  Process water\*

influent

effluent

Dry solid content \_\_\_\_\_ mg/l

Capacity \_\_\_\_\_ m<sup>3</sup>/h

Number of screens \_\_\_\_\_ pcs

Open channel configuration

Free standing setup  
(water supplied by pump or piping)

Water levels (by open channel)

- High water level \_\_\_\_\_ m

- Low water level \_\_\_\_\_ m

- Design water level \_\_\_\_\_ m

Channel elevations

- Deck level \_\_\_\_\_ m

- Pit floor level \_\_\_\_\_ m

Screen chamber

- Max. width x length x height \_\_\_\_\_ m

### 3 Technical construction

#### Filter medium

Woven wire mesh

- mesh opening \_\_\_\_\_ micron

- wire diameter \_\_\_\_\_ mm

Perforated plate

- hole diameter \_\_\_\_\_ mm

- pitch \_\_\_\_\_ mm

- pattern type

#### Operation

local manual/automatic

signals to DCS

operation from DCS

#### Materials

Steel, epoxy coated

Steel, hot dip galvanized

Stainless steel (304)

Stainless steel (316)

Other (specify) \_\_\_\_\_

note: wire mesh is standard stainless steel

#### Spray water system (supply to spray pipes)

pump

yes, available on site; please specify below

no (existing system available)

#### Micro screen executed as:

tank

embedded between concrete walls

## Civil structure

- 0 new
- 0 existing, no changes can be made (need necessary drawings)
- 0 existing, extensions/modifications can be made (need necessary drawings)

## 4 General remarks

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\* should preferably be tested by Hubert