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Tideflex Effluent System
Application Data Sheet (ADS)

Please complete any known details so that we can evaluate your application and prepare a quotation. **Thank you.**

Company name & address:	**Customer Contact**: Phone: _____, Fax: _____ **Email**:

Media: _____

Density: _____ ❑ lb/ft3 ❑ kg/m3

or Specific Gravity: _____ ❑ lb/ft3 ❑ kg/m3

Flow Rates: ❑ gpm ❑ cfs ❑ mgd ❑ l/s ❑ m3/s ❑ _____

Min.: _____ Max.: _____

Design.: _____ Future *(if known)*: _____

Max. Backpressure*: _____ ❑ feet ❑ psi ❑m ❑ _____

**typically maximum tidial or river level variation.*

Waterbody: ❑ sea ❑ river ❑ estuary ❑ stream

❑ other:_____

Header Pipe:

Material: _____

Class / Type: _____

No Sections: _____

Section 1: ID_____❑ inch ❑ mm, length_____ ❑ ft ❑ m

Section 2: ID_____❑ inch ❑ mm, length_____ ❑ ft ❑ m

Section 3: ID_____❑ inch ❑ mm, length_____ ❑ ft ❑ m

Section 4: ID_____❑ inch ❑ mm, length_____ ❑ ft ❑ m

Total length: _____ ❑ ft ❑ m

Header depth: _____ ❑ ft ❑ m

Please, supply drawings of diffuser, if available.

APPLICATION:

1/ DIFFUSER UNDER DESIGN – being modeled with fixed orifices (*Please provide Qty. and diameters of ports in ''A''*)

2/ DIFFUSER UNDER CONCEPTUAL DESIGN – NO MODELING (*Please provide approx. Qty. and diameters of ports in ''A''*)

A. Ports: Qty._____ Diameter _____ ❑ inch ❑ mm

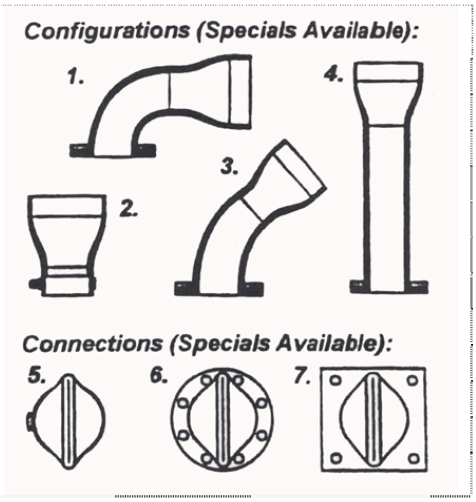
B. Targets – complete if there are min. Jet Velocity ($JV_{min.}$) and/or max. Headloss (HL_{max}) requirements:

$JV_{min.}$=_____ ❑ ft/s ❑ m/s at flow: _____ ❑ min ❑ design ❑ max ❑ future

HL_{max} =_____ ❑ ft ❑ m at flow: _____ ❑ min ❑ design ❑ max ❑ future

3/ RETROFIT OF EXISTING DIFFUSER

C. Existing Ports: Qty._____ , Diameter _____ ❑ inch ❑ mm, Spacing _____ ❑ ft ❑ m

B. Types: ❑ Holes ❑ Risers ❑ Risers/Elbows ❑ _____

Installation Sketch & Remarks
(Use back if necessary)