



Tideflex Effluent Diffuser System Design Data Form

Click on box and input value. Units box will expand for Imperial (US) or International System of Units (SI) designation.

GENERAL INFORMATION

Project Name:

Project Number:

Owner Name:

Contact:

Address:

Phone:

Fax:

Email:

Consulting Engineering Firm:

Engineer Contact:

Address:

Phone:

Fax:

Email:

DESCRIPTION OF SYSTEM

Fluid Media:

Units:

Density:

or Specific Gravity:

System Flow Rates

Minimum:

Units:

Design:

Maximum:

Future*:

(*if applicable)

Maximum Backpressure:

(Typically is maximum tidal or river level variation, not depth of submergence.)

Water Body Classification:

- Ocean
 River
 Lake
 Stream
 Other:

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HEADER PIPE

Material:

Class/Type:

Number of Sections:

Section 1:	Inner Diameter	Length
Section 2:	Inner Diameter	Length
Section 3:	Inner Diameter	Length
Section 4:	Inner Diameter	Length

Total Length:

Header Depth:

NOTE: Supply drawings of diffuser, if available.

APPLICATION

- 1. Diffuser under design, being modeled with fixed orifices.
(Provide quantity and diameter of ports in "A".)
- 2. Diffuser under conceptual design, no modeling.
(Provide approximate quantity and diameter of ports in "A".)

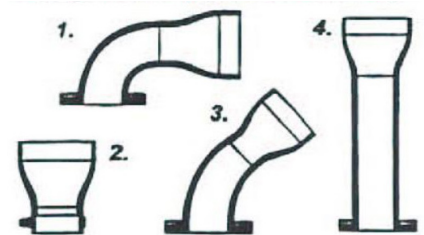
A. Ports: quantity diameter

B. Targets: Complete if there are minimum jet velocity (JV) and/or maximum headloss (HL) requirements.

JV= HL= AT Flow:

HL= HL= AT

Configurations (Specials Available):



(indicate In Comments Section Below)

- 3. Retrofitting of existing diffuser.
- C. Existing Ports: quantity diameter
- spacing
- D. Type: Holes Risers Risers/Elbows Other (Explain Below)

Connections (Specials Available):



(indicate In Comments)

COMMENTS / SPECIAL REQUIREMENTS