

## Tideflex<sup>®</sup> Effluent Diffuser System Design Data Form

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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:

# Tideflex® Effluent Diffuser System Design Data Form

## 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".)*

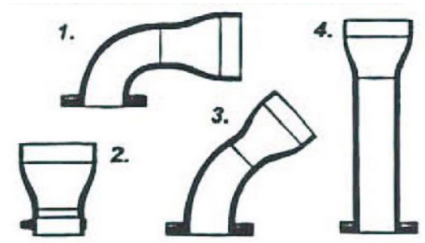
A. Ports:                      quantity                      diameter

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