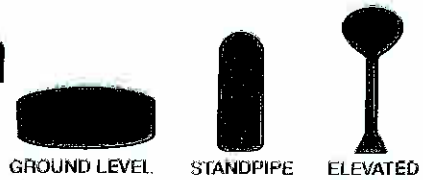


Tideflex® Mixing System

FOR FINISHED WATER STORAGE FACILITIES

DESIGN DATA SHEET



I. GENERAL INFORMATION		TIDEFLEX REPRESENTATIVE: Valve & Equip. Phone: 281-324-1500 Fax: 281-324-4595	
RESERVOIR/TANK NAME:		PROJECT LOCATION:	
OWNER COMPANY NAME:		OWNER COMPANY ADDRESS:	
PHONE:		FAX:	
OWNER CONTACT:		E-MAIL:	
CONSULTING ENGINEERING FIRM:		CONSULTANT'S ADDRESS:	
PHONE:		FAX:	
ENGINEER CONTACT:		E-MAIL:	

COMPLETE WITH AS MUCH INFORMATION KNOWN OR APPLICABLE

II. SYSTEM INFORMATION

INSTALLATION:
 NEW TANK EXISTING TANK TANK ON SCADA? Yes No

WATER SOURCE:
 SURFACE WATER RECLAIMED WATER
 GROUND WATER

TYPE OF DISINFECTION:
 CHLORINE CHLORAMINE
 CHLORINE DIOXIDE OZONE

OPERATION:
 DISTRIBUTION SYSTEM RESERVOIR
 CLEARWELL
 COMBINATION

MODE:
 FILL & DRAW
 FLOW THRU

HIGH WATER LEVEL SHUT-OFF CONTROL:
 BY ALTITUDE VALVE NONE, FLOATS ON SYSTEM
 BY PRESSURE SWITCH

III. RESERVOIR/TANK DATA (CONT'D)

VOLUME OF TANK: _____ gallons m³

BOTTOM ELEVATION: _____ ft m (above m.s.l.)

OVERFLOW ELEVATION: _____ ft m (above m.s.l.)

WATER DEPTH or HEAD RANGE: _____ ft m

TYPE OF ROOF/COVER:
 FIXED ROOF
 FLOATING COVER
 NONE, OPEN RESERVOIR

INTERNAL COLUMN SUPPORTS Yes No

MATERIALS OF CONSTRUCTION:
 WELDED STEEL COMPOSITE
 BOLTED STEEL EARTHEN LINED
 RIVETED STEEL
 REINFORCED CONCRETE OTHER _____

III. RESERVOIR/TANK DATA

TYPE OF RESERVOIR/TANK:
 GROUND LEVEL
 CIRCULAR AT GRADE
 RECTANGULAR BURIED
 IRREGULAR SEMI-BURIED

STANDPIPE
 ELEVATED TANK DRY RISER WET RISER
 SPHEROID TOROSPHERICAL
 TOROSPHERICAL DOUBLE ELLIPSOIDAL
 HYDROPILLAR OTHER _____

TANK MANUFACTURER: _____
SHELL DIMENSIONS: _____ ft m
 (LxWxH) or (Dia.xH)

IV. HYDRAULIC DATA

FILL RATE: _____ MIN gpm l/s
 _____ MAX gpm l/s
 PUMPED BY GRAVITY

DRAW RATE: _____ MAX or FIRE FLOW gpm l/s
 PUMPED BY GRAVITY

DIST. SYSTEM LINE PRESSURE AT RESERVOIR DURING FILLING
 _____ MIN psi kN/m²
 _____ MAX psi kN/m²

