

SITE DATA

Drainage Area \_\_\_\_\_ Source \_\_\_\_\_ Character \_\_\_\_\_  
 Stream Classification (Such as Trout, High Quality Water, etc.) \_\_\_\_\_  
 Data on Existing Structure \_\_\_\_\_  
 Data on Structures Up and Down Stream \_\_\_\_\_

Gage Station No. \_\_\_\_\_ Period of Records \_\_\_\_\_  
 Max. Discharge \_\_\_\_\_ c.f.s Date \_\_\_\_\_ Frequency \_\_\_\_\_

Historical Flood Information:

Date \_\_\_\_\_ Elev. \_\_\_\_\_ Est. Freq. \_\_\_\_\_ Source \_\_\_\_\_ Period of Knowledge \_\_\_\_\_  
 Date \_\_\_\_\_ Elev. \_\_\_\_\_ Est. Freq. \_\_\_\_\_ Source \_\_\_\_\_ Period of Knowledge \_\_\_\_\_

Allowable HW Elev. \_\_\_\_\_ Normal Water Surface Elev. \_\_\_\_\_  
 Manning's n : Left O.B. \_\_\_\_\_ Channel \_\_\_\_\_ Right O.B. \_\_\_\_\_ Obtained From \_\_\_\_\_  
 Flood Study / Status \_\_\_\_\_ Floodway Established? \_\_\_\_\_  
 Flood Study 100 yr. Discharge \_\_\_\_\_ c.f.s; W.S. Elev. : With Floodway \_\_\_\_\_ Without Floodway \_\_\_\_\_

DESIGN DATA

Hydrological Method \_\_\_\_\_  
 Hydraulic Design Method \_\_\_\_\_  
 Design Tailwater :  $Q_{10}$  \_\_\_\_\_ ;  $Q_{25}$  \_\_\_\_\_ ;  $Q_{50}$  \_\_\_\_\_ ;  $Q_{100}$  \_\_\_\_\_ ;  $Q_{500}$  \_\_\_\_\_

Size & Type	Q	Ke	Inlet Control		Outlet Control						Remarks	
			HW/D	H.W.	dc	$\frac{dc+D}{2}$	h <sub>o</sub>	H	LS <sub>o</sub>	H.W.		

Is a Floodway Revision Required? \_\_\_\_\_  
 Outlet Velocity, (V<sub>10</sub>) \_\_\_\_\_ Natural Channel Velocity, (V<sub>10</sub>) \_\_\_\_\_  
 Required Outlet Protection \_\_\_\_\_

INFORMATION TO BE SHOWN ON PLANS

Design: Discharge \_\_\_\_\_ c.f.s. Frequency \_\_\_\_\_ Elev. \_\_\_\_\_  
 Base Flood: Discharge \_\_\_\_\_ c.f.s. Frequency 100 yr. Elev. \_\_\_\_\_  
 Overtopping: Discharge \_\_\_\_\_ c.f.s. Frequency \_\_\_\_\_ Elev. \_\_\_\_\_