

# HYDROLOGIC REFERENCE INFORMATION

PROJECT NO: \_\_\_\_\_  
 CONTROL NO: \_\_\_\_\_  
 STRUCTURE NO: \_\_\_\_\_  
 PROJECT NAME: \_\_\_\_\_

DATE: \_\_\_\_\_  
 COUNTY: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 SECTION: \_\_\_\_\_ T \_\_\_\_\_ R \_\_\_\_\_

## SITE INFORMATION:

STREAM NAME: _____	CONTRIBUTING DRAINAGE AREA: _____ mi <sup>2</sup>
TOTAL DRAINAGE AREA: _____ mi <sup>2</sup>	

## FEMA FLOOD INSURANCE STUDY:

COMMUNITY/COUNTY: _____	EFFECTIVE DATE: _____												
HYDROLOGY LOCATION: _____	DRAINAGE AREA: _____ mi <sup>2</sup>												
FIS DISCHARGES:	<table style="width: 100%; text-align: center;"> <tr> <td>Q<sub>2</sub></td> <td>Q<sub>10</sub></td> <td>Q<sub>25</sub></td> <td>Q<sub>50</sub></td> <td>Q<sub>100</sub></td> <td>Q<sub>500</sub></td> </tr> <tr> <td>N/A</td> <td>_____</td> <td>N/A</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> </table>	Q <sub>2</sub>	Q <sub>10</sub>	Q <sub>25</sub>	Q <sub>50</sub>	Q <sub>100</sub>	Q <sub>500</sub>	N/A	_____	N/A	_____	_____	_____
Q <sub>2</sub>	Q <sub>10</sub>	Q <sub>25</sub>	Q <sub>50</sub>	Q <sub>100</sub>	Q <sub>500</sub>								
N/A	_____	N/A	_____	_____	_____								

## GAGING STATION:

STATION NUMBER: _____	YEARS OF RECORD: _____												
STATION LOCATION: _____	DRAINAGE AREA: _____ mi <sup>2</sup>												
GAGE DISCHARGES:	<table style="width: 100%; text-align: center;"> <tr> <td>Q<sub>2</sub></td> <td>Q<sub>10</sub></td> <td>Q<sub>25</sub></td> <td>Q<sub>50</sub></td> <td>Q<sub>100</sub></td> <td>Q<sub>500</sub></td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> </table>	Q <sub>2</sub>	Q <sub>10</sub>	Q <sub>25</sub>	Q <sub>50</sub>	Q <sub>100</sub>	Q <sub>500</sub>	_____	_____	_____	_____	_____	_____
Q <sub>2</sub>	Q <sub>10</sub>	Q <sub>25</sub>	Q <sub>50</sub>	Q <sub>100</sub>	Q <sub>500</sub>								
_____	_____	_____	_____	_____	_____								
DA RATIO DISCHARGES:	<table style="width: 100%; text-align: center;"> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> </table>	_____	_____	_____	_____	_____	_____						
_____	_____	_____	_____	_____	_____								

## REGRESSION EQUATIONS:

	Q <sub>2</sub>	Q <sub>10</sub>	Q <sub>25</sub>	Q <sub>50</sub>	Q <sub>100</sub>	Q <sub>500</sub>
STRAHM/ADMIRAAL:	_____	_____	_____	_____	_____	_____
CORDES/HOTCHKISS:	_____	_____	_____	_____	_____	_____
SOENKSEN:	_____	_____	_____	_____	_____	_____
BECKMAN:	_____	_____	_____	_____	_____	_____
COUNTY CHART:	_____	_____	_____	_____	_____	_____

## OTHER METHODS:

APPROACH NAME	Q <sub>2</sub>	Q <sub>10</sub>	Q <sub>25</sub>	Q <sub>50</sub>	Q <sub>100</sub>	Q <sub>500</sub>
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

## COMPARABLE SITES (Upstream, downstream, or nearby basins):

STRUCTURE	RELATIVE LOCATION	DA (mi <sup>2</sup> )	Q <sub>100</sub>	DA RATIO	Q <sub>100</sub>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

## DESIGN DISCHARGE:

METHOD/EQUATION	Q <sub>2</sub>	Q <sub>10</sub>	Q <sub>25</sub>	Q <sub>50</sub>	Q <sub>100</sub>	Q <sub>500</sub>
_____	_____	_____	_____	_____	_____	_____
<b>EXPLANATION:</b>						
_____						