



Dams: free feasibility study

1. General information

Contact

First Name						
Last Name						
Company						
Phone						
E-mail						
Profile (tick)	Owner	<input type="checkbox"/>	Engineering consultant	<input type="checkbox"/>	Other	<input type="checkbox"/>

Dam

Name	
State / Country	
Nearest town	
Name of the river	
Dam purpose	
Dam owner	

Requirement (check all applicable)

Increasing the discharge capacity	By modifying the existing spillway	<input type="checkbox"/>
	By creating a new spillway	<input type="checkbox"/>
Increasing the dam storage capacity		<input type="checkbox"/>
New dam optimization		<input type="checkbox"/>

Comments :

2. Reservoir data

	Units	Existing	Requested
Full Supply Level (Normal Water Level)	m		
Maximum Water Level	m		
Dam Crest Elevation	m		
Reservoir capacity at Full Supply Level	hm ³		

If there is flood attenuation, please fill the following:

Reservoir Elevation (m)	Area (ha)	OR	Volume (hm³)

If those data are not available, Hydroplus will consider the hypothesis of NO FLOOD ATTENUATION.

3. Existing spillway (free over flow spillway and gated spillway)

Main spillway

Length of sill	m	
Sill Crest Level	m	
Spillway Type (Broad Crested, Ogee, gated etc.)		
Discharge Coefficient (if available)		
Rating curve (level / inflow)		

Secondary spillway

Length of sill	m	
Sill Crest Level	m	
Spillway Type (Broad Crested, Ogee, gated etc.)		
Discharge Coefficient (if available)		
Rating curve (level / inflow)		

Comments:

4. PMF or Design Flood Data

Inflow	In m^3/s	
Return Period	In years	

For a detailed study, please fill in the following table or send us the PMF or Designed Flood Hydrograph:

Time (hours – minutes)	Inflow (m^3/s)

5. Specific Characteristics

Comments :

For a more detailed study, please provide also the following information:

Intermediate flood Hydrographs (1000, 500, 200, 100 years)

Drawings (plan view, spillway cross section, etc...)

Downstream constraints (energy dissipating blocks, bridge piers, etc.)

Any other specific data you may want to point out.

CONTACT

Please e-mail or send to the geographic representative:

<p>Hydroplus</p> <p>5, cours Ferdinand-de-Lesseps 92851 Rueil-Malmaison Cedex FRANCE</p> <p>Tél. : +33 1 41 39 98 89 Fax : +33 1 41 39 07 97</p> <p>contact@hydroplus.com</p>	<p>Hydroplus, Inc.</p> <p>P.O. Box 1731 Falls Church 22041 Virginia UNITED STATES</p> <p>Tel. : +1 703 575-9075 Fax : +1 703 575-9193</p> <p>hkocahan@hydroplus.com</p>	<p>Hydroplus Australia Pty Ltd</p> <p>Suite 106, 79-83 Longueville Rd Lane Cove NSW 2066 AUSTRALIA</p> <p>Post box: Po Box 4075 Lane Cove NSW 1595 AUSTRALIA</p> <p>Tel : +61 2 9420 8814 Fax : +61 2 9420 8650</p> <p>bill.hakin@hydroplus.com.au</p>
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