



DESIGN INFORMATION WORKSHEET

smartPONDTM RTO – DESIGNING DETENTION EFFICIENTLY

The purpose of this worksheet is to gather information as it relates to the design of your detention facility (above or below ground). Please provide the following information.

PROJECT NAME:	
PROJECT LOCATION:	
REGULATORY BODY/PERMIT REVIEW AGENCY:	

- SITE PLAN OF PROPOSED DETENTION FACILITY
- PRE-DEVELOPED OR EXISTING DISCHARGE RATES FOR DESIGN RECURRENCE INTERVALS (2-, 10-, 25-, 50-..... 100-YR FREQUENCY, 24 HR DURATION STROM EVENTS)
- POST-DEVELOPED PEAK INFLOW RATES FOR DESIGN RECURRENCE INTERVALS
- DETENTION BASIN STAGE STORAGE RELATIONSHIP

Interval	PRE-DEVELOPED PEAK Q – CFS	POST DEVELOPED PEAK INFLOW Q – CFS	STAGE (FT)	STORAGE VOLUME (CF)
2-YR				
10-YR				
25-YR				
50-YR				
100-YR				
OTHER				