



Carolina Pumpworks Municipal Water Booster Pumping Station **Design Assistance Form**

Project Name:

Project Location:

Engineering Firm:

1. What stage of design process is this project in now?

Unknown Feasibility Preliminary Detailed Final

2. What information is needed now?

NOTE: Check only what is appropriate to the stage of design above.

A budget price.

An approximate footprint size of the pump system.

Number of pumps and motor sizes only.

An example drawing of a similar pump system.

An example specification of a similar pump system.

A detailed specification specific to this project.

A detailed drawing specific to this project.

3. If detailed specs and plans are required, provide the following:

A completed Carolina Pumpworks TDH calculator spreadsheet.

The project engineers' contact information:

Name:

Phone Number:

E-Mail Address:

4. What are the basic design conditions?

See the Carolina Pumpworks TDH calculator spreadsheet. See below:

Design flow rate =	GPM (without any redundancy included)
Design discharge pressure =	PSIG (exiting the pump system)
Minimum suction pressure =	PSIG (at the design flow rate)
Maximum suction pressure =	PSIG (highest static at the inlet)

