

Project # 6 Sewage System Control

Design sequence sewage system control

Make your design for the sewage lift station on the following sequence of operation:

- All pumps **OFF** at the low level.
- 1st pump **ON** at the second high level.
- 1st & 2nd pumps **ON** at the third high level.
- All pumps **ON** at the fourth high level.
- Alarm signals shall be sent to the local control panel (light and audio) and to the control room.
- When pumps are actuated they shall operate until the low level reached.
- If one of the pumps is shutdown or switch off next pump shall be automatically selected to operate
- The leading pump shall be alternated so that no pump shall have two successive starts.