

Electricians Notes for:-

**Single Pump Station With Three Float Switch(s) & Control Panel .**

There are three float switches supplied with the system (In White Boxes).

- Float No.1 = Off Float, set this approx 150mm up from the bottom of the tank. The Bottom of the Pumps should remain submerged, this is to prevent the pump drawing air into the pipe work and causing air an lock.
- Float No.2 = On Float, set 600mm up from the bottom of the tank.
- Float No.3 = High Level Alarm set this slightly higher than Float No.2 (not Lower).

There is a float suspension bracket fitted in the tank manway, create a loop in each of the float cables using a cable tie, and hang the floats on the hooks.

The logic is: - When water flows into the tank the off float will rise, when the level reaches & tilts float No.2 the pump will start, and pump the level down until the off float drops. the pump will then stop. If the level continues to rise it will tilt float No.3 and activate the High Level Alarm.

All three float switches need to be wired to the 1 or 3 Phase Control Panel.

Should you require any technical support on the wiring up of the control panel contact the supplier: - Steve Barker 01538 361911 Stating that it is a Synergy Wastewater Treatment Products System supplied. Any other problem please feel free to contact John Nicholson 07736 666999

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