

USED ON CARLTON MILL RD (MERIVALE CATCHMENT)

The unit we have is being used in Merivale to monitor high risk WW overpumping setups where a backflow in the Man Hole results in a WW overflow to the Avon River within 30 min at peak hour.



HOW DOES IT WORK?

The GPRS unit is a box that can be fitted into a sump or outside manhole, it is connected via the Vodafone GPRS network to an Alarm monitoring company.

The unit is powered by a battery which is charged by a solar panel making the unit completely portable.

The unit is enclosed in a completely dust and water proof casing

The unit has a float switch attached to it which is taped to a pole and lowered into the sump at the required level

When the level of water rises past the predefined point, the float switch is activated. This causes the GPRS unit to alert the monitoring company who then alert the people on the call list.

You can log on to see the reports the unit has generated via the web

You can also reset the unit via a smart phone by sending the unit a txt and you can use an android application to get information from the unit.

EXAMPLE OF ONLINE REPORTS

The screenshot displays the 'Alarm History' web application. At the top, there are input fields for 'Phone No:', 'Mobile No:', 'Email:', 'Password:', and 'Holdup:', along with a 'Set Alarm' button. Below this is a 'Details' section with a 'Date range' dropdown set to 'Last 7 days' and a 'Display' button. There are also checkboxes for 'Show alarm activations only' and 'Ignore monitoring software signals'.

Signal Date	Description	Zone/User	Raw
23/03/13 20:17:11	Alarm Float Switch Activation	1	Read operator report Raw Data
23/03/13 20:17:11	Alarm Float Switch Activation	1	Read operator report Raw Data
23/03/13 19:55:51	Alarm Float Switch Activation		ator report Raw Data
23/03/13 17:57:34	Alarm Float Switch Activation		ator report Raw Data
23/03/13 17:07:41	Alarm Float Switch Activation		ator report Raw Data
23/03/13 16:16:47	Alarm Float Switch Activation		ator report Raw Data
23/03/13 13:31:57	Alarm Float Switch Activation		ator report Raw Data
23/03/13 12:39:33	Alarm Float Switch Activation		ator report Raw Data
23/03/13 11:50:24	Alarm Float Switch Activation		ator report Raw Data
23/03/13 10:16:32	Alarm Float Switch Activation		ator report Raw Data
23/03/13 9:52:31	Alarm Float Switch Activation		ator report Raw Data
23/03/13 9:30:39	Alarm Float Switch Activation	1	Read operator report Raw Data
22/03/13 15:40:17	Alarm Float Switch Activation	1	Read operator report Raw Data
22/03/13 15:04:26	Alarm Float Switch Activation	1	Read operator report Raw Data
22/03/13 15:01:07	Alarm Float Switch Activation	1	Read operator report Raw Data
22/03/13 15:01:07	Alarm Float Switch Activation	1	Read operator report Raw Data

The 'Notes' popup window shows the following content:

Alarm: 23/03/13 20:17:11
 Date: 23/03/13 17:59:59
 23/03/13 18:01:00 Called Kevin George on 641960272343276 Result: Advised he is on site and will call back when all okay
 23/03/13 21:39:08 this alarm is now sorted, call for all activations.
 23/03/13 21:39:23 Activation Completed