

MORNING

09:00	REGISTRATION
09:45	WELCOME <i>James Dodds, Chairperson, Envireau Water</i>
10:00	BOREHOLE DESIGN—GETTING IT RIGHT <i>Dave Banks, Director, Holymoor Consultancy Ltd</i> Dave is the co-author of the seminal UK borehole design handbook “Waterwells & Boreholes”, a prolific scientific author, actor and musician. He will discuss the importance of good borehole design, the technical and scientific methods that can be used, and the benefits that good design brings to sustainable abstraction.
11:00	REFRESHMENT BREAK
11:30	TEST PUMPING—WHY AND HOW <i>Melissa Swartz, Technical Specialist, Environment Agency</i> Test pumping is an important part of the work required by the Environment Agency to support an abstraction licence. Melissa will present why the Environment Agency need test pumping data, the sort of data that they need and what they do with it. She will place this in the context of ensuring sustainable abstraction, protection of the environment and other abstractors—which could be you!
12:00	IT’S ALL ABOUT THE DATA <i>Phil Ham, Principal Hydrogeologist/Managing Director, Envireau Water</i> Test pumping is not only important from a regulatory point of view, but invaluable from an everyday operational, monitoring and control viewpoint. “Every time you switch your pump on, you are doing a test”, Phil has been heard saying. Phil will explain how and why you use everyday data to understand what your well or borehole is doing.
12:30	Q&A SESSION The opportunity to have your questions answered by the speakers from the morning presentations.
13:00	LUNCH As well as networking and connecting with like-minded delegates during lunch, there will also be the chance to browse our highly acclaimed trade exhibition covering drillers, pump & equipment suppliers, laboratory services, geophysics, monitoring equipment and more.

AFTERNOON

14:00	<p>WATER LEVEL MONITORING—METHOD IN THE MADNESS <i>Peter Dumble, Hydrogeologist, Peter Dumble Hydrogeology</i></p> <p>If we are to understand how our borehole is performing, we need data to do it. A key piece of data is water level. Measurement of borehole water levels would seem simple, but Peter has been teaching people how to take measurements for decades and he remains astounded by the misconceptions that still exist. Peter will discuss measurement method, tools and techniques. From dip tapes to data loggers and with practical, real-time demonstrations.</p>
14:45	<p>WATER FLOW METERING—WHAT ARE THE OPTIONS? <i>Danny Ronson, Product Manager Flow Instruments, Siemens</i></p> <p>Knowing how much water you are abstracting and at what rate is critical in ensuring a sustainable supply, whether it is to provide data to the regulator; protect the environment; manage your abstraction system; or monitor and improve water use efficiency.</p> <p>However, there are a wide range of water metering and flow measurement methods and options, each with advantages and disadvantages ranging from simple manually read in line cumulative flow meters, to sophisticated digital logging and recording meters.</p> <p>Danny will present and discuss the range of metering and measurement solutions available, when and where they are applicable, as well as maintenance, verification and calibration issues.</p>
15:30	<p>REFRESHMENT BREAK</p>
16:00	<p>ABTRACTOR CASE STUDIES</p> <p>Hear from real borehole operators about their experience of understanding data and how they benefit from it:</p> <ul style="list-style-type: none">• <i>Andrew Francis, Senior Farm Manager, Elveden Estate</i>• <i>Mark Morton, Senior Hydrogeologist, Yorkshire Water</i>• <i>Joe Watson, Bottled Water Consultant, Montgomery Waters</i>
16:45	<p>CONFERENCE PLENARY <i>James Dodds, Chairperson, Envireau Water</i></p>
17:00	<p>CONFERENCE CLOSE</p>

Please note that these timings are correct at time of printing and may be subject to change.



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