

Graves, Lori

From: Hydro [hydrologic@qwest.net]
Sent: Friday, May 23, 2003 7:46 PM
To: Neely, Ken
Cc: Tom E. Terteling; L. Graves
Subject: FW: Terteling monitoring loop equipment

Ken,

This communiqué is in response to your letter of May 16, 2003 concerning monthly measurements in Groundwater District 63S which you wish to commence on June 3

We are able to accompany you during the rounds of the Terteling and Old Flora geothermal wells on that day. There are a number of things you need to be aware of to maintain integrity of the data record and to prevent problems with the wells

We can supply you with instructions on who to check-in with on both sites during your visits. This is mandatory so that the property managers are aware of who is on the property and when so that they are not left wondering and so their work is not interrupted. There is only one key involved, to the Tiegs well vault, and I will inquire with Tom whether we have one made for you or if you simply check one out when you let the office know you will be measuring. This may be better as you will have one less key to worry about?

As to the remote-sensing data down-loading devices:

- 1) I checked into this with both hydrogeologists who are charged with the monitoring of these wells.
- 2) It is not as simple as I had indicated in our meeting in that, there is more than a single component required to download the data loggers with a hand-held device and to process the data.
- 3) The attached table itemizes the instruments, software, and peripherals required.
- 4) I do not see your ability to not download the electronic files as an impediment to monitoring. I believe you will have to take steel tape readings every month anyway and this is sufficient for District 63S monitoring. For example, Edwards will not have continuous reading data-loggers. We can still supply you with the electronic data and you will be able to verify using your hand measurements. This means that we will not have to visit as often to download the digital data although the Tertelings may have us continue monitoring for a while until we have a good overlap of agreeable data.

We will talk with you soon

Ed

-----Original Message-----

From: hydrologic [mailto:hydrologic2@qwest.net]
Sent: Tuesday, May 06, 2003 2:16 PM
To: hydrologic@qwest.net
Subject: Terteling monitoring loop equipment

Ed,

5/27/2003

Attached is a table of items and prices that Ken Neely will need to to the Terteling monitoring loop. These items are what we currently have and use. An alternative to buying a Leveloader, Ken could use a laptop computer, but would need a standard modem cable which can either be bought from Solinst or Radio Shack (probably <\$30).

Brian

Setup equipment needed to do The Terteling Co. water level monitoring loop.

Item	U.S.A. Item Price
1) Solinst Model 3001 Standard Communications Package for the Levelogger (optical reader, CD with manual which includes DOS and Windows software)	316.00
2) Solinst Model 3001 PC Interface Cable for the Levelogger	110.00
3) Solinst Model 3001 Barologger, F5	375.00
4) Solinst Model 3001 Leveloader c/w RS232 Cable	227.00
	\$ 1,028.00

Solinst Canada Ltd contact info: www.solinst.com ph : (800) 661-2023

Graves, Lori

From: Neely, Ken
Sent: Saturday, May 24, 2003 10:48 AM
To: 'Hydro'
Cc: Graves, Lori
Subject: Flora/Terteling monitoring

Ed,

Thanks for your email and phone call. Your thoroughness will help to make this an easier process. I agree with your plan for steel tape monitoring only at the sites requiring water level measurements, and leaving the data logger downloads to your company

ken

Kenneth W Neely, Technical Hydrogeologist
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