

Edl, Michele

From: Terry Scanlan <TScanlan@spfwater.com>
Sent: Thursday, March 09, 2017 11:58 AM
To: Edl, Michele
Cc: Ashley Ritter
Subject: RE: 2016 Monitoring Report

Michele –

Was the data from 2015 or 2016? The last data that we have from Well 2 in 2016 was from the download in March.

Well No. 2 experienced some human-error operational issues where the well pump was being operated in manual vfd mode and allowed to deadhead (zero flow) as pivots were turned off. With the pump deadheaded, the water in the column heated up as the lineshaft continued to turn, perhaps to the boiling point. I didn't examine the data that you refer to specifically, but I suspect that is the cause of temperature spikes to which you refer. As noted on page 6 of the report, the pump failed in July 2016; deadheading was the cause of the failure. If there was a problem with the transducer, it is no longer a problem because the transducer is sitting in the bottom of the hole! We are installing a new transducer this week.

Terry

From: Edl, Michele [mailto:Michele.Edl@idwr.idaho.gov]
Sent: Thursday, March 9, 2017 10:41 AM
To: Terry Scanlan <TScanlan@spfwater.com>
Subject: 2016 Monitoring Report

Mr. Scanlan,

I have been assigned to review your recently submitted Annual Monitoring Report for Permit 63-32680, 63-33207, 63-33296 and 63-34038.

For the most part, I have been able to confirm the permit holder is in compliance with the conditions of the permits. However, I have a question about the data from supply Well #2. The temperature data for Well #2 appears excessively high for several days at a time within this monitoring report's timeframe and those temperatures seem to coincide with spikes in water level.

Do you have an explanation? Is the datalogger functioning correctly?

Sincerely,
Michele Edl
208-287-4946