

From: Elizabeth Pottorff{PRIVATE }
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Subject: White Paper

Steve- You know I won't argue with you that there are some wells at RFETS that would sustain domestic use. To me it is important whether they are in the industrial or contaminated area. I don't think there are gross violations of the assumptions necessary to apply Theis but there are wells in known paleochannels where the up gradient wells don't have enough water.

I went back and looked at the appendix G hydraulic data. It lists the interval tested which I assume in most cases is the screened interval, which is different from the TD, ususally a foot or two higher from the wells I looked up. I assume this is the interval used to calculate the hydraulic conductivity but it does include a foot or two of weathered bedrock. But I don't understand why the well TD was used to calculate the saturated thickness for the white paper calculation. For the wells in the industrial area a foot or two in saturated thickness may cause the calculation to show suffucient water where it does not exist.

The wells I looked at are P114789, P114689, P114489, P115089, 4286, 20291. Also bedrock wells 987 and B217689.

Elizabeth

ADMIN RECORD

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