

**From:** [bud Hoekstra](#)  
**To:** [Jimmerson.Chris@Waterboards](mailto:Jimmerson.Chris@Waterboards)  
**Subject:** re: farm evaluation template  
**Date:** Tuesday, July 01, 2014 11:44:46 AM

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Chris, I came into possession of an email to Mike Wackman that contains the farm template for Sam J. Cty & Delta members of which I am one.

I have comments to make before the 7 July deadlone to make them, but it might be easier on the two of us if I met with you and staff in person to make them.

I could meet with you after 7pm in davis or perhaps Rancho cordova tomorrow, Wednesday, in the evening.

briefly, i look at ambiguous things like "catchment basin" under irrigation. I have have two stormwater catchments, namely a sediment basin and a water harvest catchment on my farm. The sediment basin is most active after nivation events.

The focus of my concern is not just the ambiguity of the wording and lack of cross link between NRCS codified standards of practice, but I foresee conflict in the future.

You know, for 150 years, cooperative extension did scientific research and developed a team of agents to feed that science to farmers. Now the paradigm is changing with the rise of "citizen-scientists" who do backyard science for themselves and their farms. The quiet revolution at the EPA is AM, adaptiove management: do-measure-adjust. So here i am, doing my darnedest to deploy dry-farming and slough irrigation. Today is the first day that I watered the cherries, and the cherries are the only trees in our experimental orchard that I've watered this year. Yet - I have to irrigate cover crops to get them started, i've learned. Our corn rows are seeded to with crimson clover to retard evaporation from the soil, and the two grow nicely together - but we use furrow irrigation. And I'm comparing microdrrip irrigation tape with furrow irrigation, neither hav ebeen perfected or available in agricultural literature. These are BMP's. Do I report them?

Other perplexing language:

"soil water penetration has been increased through through the use of amendments, deep ripping and/or aeration" We are talking infiltration here, and cover crops break up hard crusts to promote infiltration. Mulching is a form of armoring to promote infiltration - eventually decomposing into amendment. I've used deep ripping to attain zero runoff, but deep ripping eliminates hardpans that entrain roots. I coupled the deep ripping with water harvest catchments to monitor the quantity of surface runoff. Is this cartchment a "catchment basin" [it literally is] or "berms constructed at low ends of fields to capture runoff ..." [that describes the W/H catchment to a tee.]

"no storm water drainage due to field or soil conditions" A consternation to me - does this mean no runoff or no subsurface seepage? Are we talking 100% infiltration versus drainage, or lateral flows as with swales or wet meadows, quite common in the foothills - Hagberg at HSU did a thesis on them in 1990's.

I'm going to be blunt. I dealt with you before, and I didn't like you. You ordered a QAPP, you recall, based on SWAMP protocol at a certain website. You ordered me to use the website. The website had been removed from the Internet temporarily and I couldn't meet your deadlines because of its removal. You didn't relent. I went to Assemblyman berryHill who reported back in your behalf to go to a web address, the same one that was removed. I talked to the assemblyman's assistant who went to the webpage and saw there was no protocol there - only a temp-removed notice. Eventually, at a huge cost of my time, Joe Karkowski sent an apology in your behalf.

With a template like this i see more the same harassment.

Example, maps! I paid \$300 for maps of my farm to include in the individual farm waiver. The staff at rancho rejected them. I had to have the map maker, Sierra Mapping services, write to defend what were perfectly good maps. In rural counties, maps are inadequate and erroneous. My parcel map doesn't match the BLM government survey and neither map can be reconciled with the adjoining neighbor's corner. One includes a drainage, the other doesn't - on my farm. I have had four surveys, and additionally the bank had one and BLM sent out Matt Campos, their surveyor. Plus, I have a written letter from BLM Ranger Martin who walked the garden, CalFire claims that half the garden is BLM. I'm supposed to "certify" that this information is "accurate and correct" ???????

please get real, or exclude me