

SUMMARY  
UNIVERSITY OF ARKANSAS FOIA DOCS  
REQUEST DATE: December 9, 2013  
Chronological

- 2013-08-12: KV PI planner with various liquid manure source descriptions (what if games)
- 2013-09-24: liquid manure fertilizer analysis from diagnostic lab at UofA
- 2013-09-27: Conducting topo survey on October 4
- 2013-10-02: AS presentation –has fields 1, 5, and 12 as of this date.
- 2013-10-04: AS forwarding articles re: hog farm testing – saying received permission from landowners of three fields to do testing
- 2013-10-10: AS re: CV of possible experts for Big Creek/Buffalo River assessment project – trying to secure services of a karst geohydrologist of high standing (can't get response from Will White; Nicholas Crawford, or Richard Parizek) and is reluctant to request services of unknown person); lists experts and qualifications (this appears to be for a peer review type panel)
- 2013-10-11: emails concerning meeting JH for soil sampling to begin shortly
- 2013-10-14: starting bi-weekly calls to ensure progress
- 2013-10-17: excerpt from National Pork Board RFP re: study of fate and transport of manure constituents from land application of swine manure – says okay to submit something as long as it in no way conflicts with current work plan, its goals, or or perceived impartiality – earlier email 2013-10-11 says need to be careful not to undermine unbiased nature of current work
- 2013-10-22: AS to Dr. Cochran: okay to contact following people to determine willingness to serve on committee to review and comment on work plan for us to select and move forward. Involvement to include site visits and perhaps updates along the way.
- 2013-10-22: AS to Mark Cochran re: meeting re: scheduling of Ground Penetrating Radar analysis of field we plan to monitor Ed Mersoivsky asked if he could subpoenaed; told him he thought government workers had privilege to declining to provide information if they so wish (at least that is what Philip used to do). And that probably we would have to release information once we received it from him – said he would check and wondered if he could be pointed in right directions “so I can reassure him that his involvement with the unwashed won't create him problems.”

- 2013-10-22: Discussing soil testing and GPR (ground penetrating radar work) to be conducted in November – note need for JH to alert owners of fields 5 and 12
- 2013-10-22: Mike Daniels forwarding email re: C&H hog farm meeting Nov. 5-6; want to meet to discuss survey; wanted to go over EQIP application; asked about biosecurity;
- 2013-10-23: Karl D. to sit in on meeting with JH and NRCS regarding EQIP grant; also making himself available as resource to Jason – and for interactions with JH and UA
- 2013-10-23: AS re: SERA Phosphorus Drainage Symposium – attached email from Carl Bolster – USDA-ARS -- wants to have group discuss P movement through karst landscapes (including how to account for karst in P-index); AS says will try to promote idea and says interest risen independently of our C&H study partly bc of lack of information on subject and my request for input on P-research priorities – clearly not only stated dealing with P-movement in karst.
- 2013-10-24: Sharpley to KV and all: forwarding email from Larry West re: meeting with Van Brahana who said he was pleased AS was working on C&H Hog farm bc he has high regard for his science; info on GPR – says always a crapshoot – high clay soils attenuate signal and no data returned
- 2013-10-25: KV what if games using original NMP data from ADEQ and manure sample from pond 1 collected 9-24-13 (not complete)
- 2013-10-28: AS re: concerning about graduate students working on C&H project given high level of scrutiny, POI requests and limitations on what we could and could not do
- 2013-10-31: AS re: conference call to discuss C&H work plan; also mention of KV addressing status of the NMP revision – plus some soil sampling has taken place
- 2013-11-01: BHaggard to Shapley and all: re: manure sample – issue with liquid manure sampling – should probably go to soil diagnostic lab and not WQ lab
- 2013-11-03: KV agrees manure sample needs to go soil diagnostics lab
- 2013-11-04: Doing GPR survey on Thursday and Friday (11/7-8)
- 2013-11-12: AS re: GPR survey report: radar worked well to depth of 50 cm; after 50 cm clay content increased to 35% or greater which canceled out signal; AS guesses that fact that there is considerable clay below 50 cm might bode well in terms of minimizing rapid subsurface transfer of land applied nutrients

- 2013-11-13: AS email re: Hot Springs convention: to work with KV to address C&H challenges (and how he is handling the shit and turning it into black gold)
- 2013-11-13: AS re: requesting soil samples be measured for Mehlick-3 extractable soil P, Fe and Al (and possibly Ca) (enclosing articles that explain why he wants info)
- 2013-12-01: Monica Hancock P-index planner
- 2013-12-00: Appears to be Monica Hancock field notes and NMP notes and buffer maps of fields for new NMP
- 2013-12-01: Monica Hancock PI planner for C&H and pond volume calculations
- 2013-12-09: Indicating sampling of Big Creek is happening every Tuesday
- 2013-12-10: Not collecting water samples at C&H this week
- 2013-12-11: AS asking if Mike and Kark are available to meet with landowners of fields they are monitoring on December 14 – trying to contact JH to see if he has checked with landowners to make trip worthwhile
- 2013-12-??: Monica Hancock draft letter to JH and notes of meeting/conversation with JH (draft letter anticipations use of fields 3, 7, 9, and parts of 10, 15, and 17) : re:C&H needs new NMP; C&H has KV for UofA involvement in development and review; UA project has NMP interactions (land application on study fields; potential sold separation impacts on manure nutrient application rates and locations; NMP format and expectations in flux; ANRC and NRCS changing PI planning guide; EPA and ADEQ expecting NMPs that track ALL n, P applied to fields state wide (ANRC in NSA only); lor land use sites who is liable for “extra” applied nutrients; Karl’s opinion that C&H plan rewrite to reflect to degree possible the EPA and NRCS perspectives; Questions on C&H NMP and permit – 1) changes on maps major modifications?; 2) is plan narrative or linear?; 3) if narrative what change without permit modifications (PI inputs as long as remain in low or medium risk range?); 4) For CAFO permit if manure transferred of per permit what are expectations for receiver: 5) For Reg 5 permit (the same)?; 6) For CAFO permit if liquid manure is treated to produce “dry” manure what test/process must be passed?; 7) For Reg 5 permit (the same); 8) Several active Houston county permits for swine what about hauling to them for application? What about steps and time frames needed?; 9) Assume meet NRCS standards what about Rusel2 to NMP planning tool both works in progress; 10) ADEQ thoughts regarding move C&H to Reg. 5; 11) ADEQ, EPA, NRCS expect geologic applications in plans. What is ADEQ’s expectations regarding inclusion in plans; 12) ADEQ expectations for manure treatment chemical storage; 13) ADEQ preferences for NMP revision leadership/team?