

## Raichyk experimental sanitation system proposal -- and justification history

**JH Raichyk** To Harold Vermillion, RS Brown County Health Commissioner To set the stage fo... 12/20/10

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from **JH Raichyk** the.cighe@gmail.com [hide details](#) 12/21/10  
to rbenson@co.clermont.oh.us  
date Tue, Dec 21, 2010 at 4:28 PM  
subject Fwd: Raichyk experimental sanitation system proposal -- and justification history  
mailed- gmail.com  
by

This is what I sent to the Brown County Health Commissioner, so you can see what is in play. You do suppose he will actually read it with some depth of attention, don't you?

Hopefully, now that you're not on the TAC (right?) there wouldn't be any complications for you to comment on the linked DESIGN pages at the end of the email for the Experimental System approval...

I will be sending a copy to Amy Mills as well. She has sent me the key points to be included in the concurrence letter, as well as the ODH guidelines on Constructed Wetlands.

BTW, according to the map sent by Amy, there's a constructed wetlands permitted and functioning in Clermont county. Care to divulge its identity so I can put in an FOIA if it's residential, not commercial?

As you will note in the commentary, and in the system design notes, we have already been gathering Clermont County's water testing data, and it looks pretty much like somewhere between TS4 and TS5, so far, coming from the wetlands so our method of dispersing it should be ok. Two years in operation and doing well, even before we install the native plants we've lined up for the center vegetation. And I've read that wetlands get better with time, unlike

septic systems. Every thing requires so much study.

Thermophilic composting is not illegal as there are NO LAWS on home/farm use, only when there are commercial involvements and big operations that would spread the finished product beyond their borders. Cool, eh?

Hope you're not as snowed in as we are.

Best, as always.

MJ Raichyk and family

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----- Forwarded message -----

From: **JH Raichyk** <[the.cighe@gmail.com](mailto:the.cighe@gmail.com)>

Date: Mon, Dec 20, 2010 at 4:50 PM

Subject: Raichyk experimental sanitation system proposal -- and justification history

To: [harold.vermillion@odh.ohio.gov](mailto:harold.vermillion@odh.ohio.gov)

To Harold Vermillion, RS  
Brown County Health Commissioner

To set the stage for this discussion, allow me to restate the series of events that leads to this point:

**2000 Bought lot #11** for our eventual home with designs developed and presented (up to certain detail level) online at [www.CyberHobbiton.net](http://www.CyberHobbiton.net) after working with the core members of the Alternate Energy Association of SW Ohio where I was the Publicity Director and now the Co-Chair, and careful consultation with many local people, including the Building Dpt and each and every member of the Health Dpt, none of whom appear to have remained after new staff was brought in a couple years later. Amazing as a pattern of rejection of the new Administrator? Or someone else new in 2002 with rank?

**2004 Bought this land, lot #12**, in Brown County with plans for our Group -- **CyberHobbiton Infrastructures** -- to experiment in revolutionary construction techniques in preparation for work on #11, with intermediate goals of designing and testing (research on thermal characteristics and stormwater behavior to support or alter assumptions for the CyberHobbit Design were non-existent so far) techniques and doing fundamental confirmation of needed data, and to make affordability and suitability to Brown County land, water and economics our criteria. Began testing

equipment and researching doublewides for this project.

**2005 Bought this Stonecreek doublewide** with enhanced thermal and other performance features that our Group (a Co-op of my family's businesses) would use for our headquarters for testing intermediate designing progress, making DIY a standard of operation. **Projects successfully accomplished included:**

- installing the electric lines, phone, cable and water,
- developing a system of perimeter stonecreeks to dry out the house island area for construction, while retaining normal levels of rainwater for return to groundwater
- building economical and structurally-advanced ferrocement foundation for home, with alignment to reduce windloading & retaining sheltering woods
- designed and built a radiant floor for reducing waste water/space-heating and space-cooling according to season,
- designed but was prevented from building a microdosing, triple lateral, Wisconsin mound system (avoiding chiselploving but making good use of depth credits, as well as serving as a wind diversion landscape feature) and including greywater for flushing at the minimum.

**2006 October, renewed the septic permit.** Discussion with SDick led to request for experimental system and blackwater request in beginning of Nov.

**Beginning of November** Unreasonable requirements were set and our information request for sources for their demanded "Performance" Bonding were brushed off as well as our own alternative Bonding plan, a false letter was entered into the Board Mtg just momentarily before the Board Mtg, which we were not permitted to refute later. False statements were made to the Board about there NEVER being allowed things in Brown County that resembled our requested experimental design, namely no-chiselploving mounds nor greywater, which we knew to be false.

**End of Nov** -- As we uncovered proof of the untruthfulness of the statements on which our wanted Variance (not the 'granted' one) was denied, our home was subjected to **Criminal Damaging**.

**Beginning of Dec** -- Due to the evidence and the nature of the myriad other clues -- preliminarily documented as to evidence and likely involvement possibilities -- we contacted the Administrator of the Health Dept to warn her of the possibility that the main suspect was one of her staff and to insist that she not allow the plumbing or septic inspection personnel to go onto our property without our presence and notification. We never got an answer to

this clearly vital notification and request for co-operation.

**2007 Jan** Our first BC FOIA request for more evidence was delayed for TWO MONTHS because files that were going to be given to us, disappeared from the front desk and no one admitted having them. By the end of Jan 2007, the files again appeared without explanation.

**Feb-Apr** I was in the hospital for a hernia operation and was unable to pursue any of the work on the project. However, I did continue through April to communicate the problem to the Administrator, who decidedly was less than helpful. A series of emails between ourselves and the Administrator followed as we requested more FOIAs to followup on other violations committed by SDick in his dealings with Brown County citizens who wanted to do experimental systems. Since this relationship was so unyielding of useful methods of continuing to do anything with the department, we were exceedingly cautious about the phrasing of our claims to ensure that we were fair in making only statements of probability and 'prime suspect'.

**Beginning in May**, our work resumed on our project and the winter's worth of weather unraveling of our progress was on our to-do list. At which point in mid-May, we **discovered the rest of the damage perpetrated the previous Nov and reported the incident to the Sheriff's office**. The deputy hardly seemed interested and we suspected that he might not even report it right since he seemed not to understand sometimes as we were speaking. No guns or drugs in our story.

-- **In June**, we took the Installers' Exam at the OTCO testing site in Mason and aced it, according to OTCO.

-- **In mid June**, we contacted the Sheriff's records dept and requested to see what the deputy had put on the record. That pair of pages was about as accurate on what we had said as any third grader might have done, so we called the records clerk and she said that we should write up what was wrong with the report. We did not find this easy to communicate (about a fill-in-the-many-blanks form) without a lot of unwieldy verbiage so we graphically duplicated the layout and filled in the form AS IT SHOULD HAVE BEEN IN ORDER TO RECORD WHAT WE HAD TOLD THE DEPUTY and sent it back to the Records dept. We also contacted the detective (Wagner) in charge of that deputy (Sinninger) and when we explained to him the events in Nov and what we had gathered as evidence, he said that IF this were the case, then this problem was "the dirty laundry of the Health Department and not for the Sheriff's Department to be involved in."

-- **Meanwhile somehow also in mid June, the Administrator and SDick went to the Asst Prosecutor** and accused us of libel and making nebulously threatening statements in what we had written to her. We supplied the full set of emails to the Asst Prosecutor (Chris Erhardt) and he replied that as a citizen we had every right to be as critical as we had done and that nothing in those emails constituted the claims that the Administrator was making on behalf of SDick. If SDick wanted to pursue the libel charge, he'd have to hire his own lawyer. However, along with the emails that we had sent to him, we also sent THE REPAIRED report so he would know what should have been on the record, and backed up our effort at narrowing down the list of possible suspects with a thoroughly detailed argument to demonstrate that SDick was the prime suspect. That document was so voluminous as to constitute an article so we titled it "Columbo's Notes" in honor of the respected TV police hero who did extensive logic to pinpoint the criminal in his cases. As a result of this demonstration of logic that exceeded their tolerance for facts and deduction, the Prosecutor and the Detective and the Deputy huddled to find a way to dismiss any further involvement in the Health Department's DIRTY LAUNDRY and accused me of "doctoring" their records and REFUSED TO ANSWER MY PHONE CALLS AND LETTERS. This sequence took up June and July, with the Prosecutor's rejection of SDick's wanted libel suit being issued on July 24th.

-- **On Aug 7th, SDick attempted to make an anonymous call to the Clermont County Health Dpt Seniors Services, to engage their limited resources in a plan to treat me like a demented old lady who's home was a derelict trailer and who wrote wild things to VARIOUS DEPARTMENTS IN BROWN COUNTY.** Imagine the surprise on the faces of those civil servants when they met that evil old lady and she wasn't insane at all, in fact they resolved to help her figure out who was the ABUSER OF THEIR SERVICES. In the phone report, SDick had to get the Prosecutor to fax the Columbo's Notes, and the Prosecutor's secretary had annotated the notes with the remark that this was being sent for SDick as the one who had called the Clermont destination for the fax. BINGO, animosity and criminality revealed for all to see.

-- **In the fall**, we spoke to the Clermont County Senior Services social worker who had been sent and who had helped us find the villain, and he said he had talked to the Brown County Prosecutor, Chris Erhardt, and reported that Chris had said that the sanitation regulation changes that had hit the ODH and local Health Departments in July should enable us to get the system we wanted, and specifically that the Health Department was now OBLIGATED TO ALLOW ANY SYSTEM THAT MET THE PERFORMANCE REQUIREMENTS FOR SANITATION SYSTEMS for the duration of the

reversed rules that were now in effect. So Chris was satisfied that this should resolve our problems with SDick so we should go ahead with plans.

We also wrote to the Clermont County Commissioners to thank them for the excellent services of their Seniors Dept, and they relayed our appreciation to the Health Department and to those involved who didn't yet know what had transpired. They further recommended that we continue to try to work with the Brown County Board of Health. Which we did consider and began preparing a complete explanation of the complaint against SDick to be filed with EACH MEMBER OF THE BOARD INDIVIDUALLY AND DIRECTLY, OMITTING THE ADMINISTRATOR'S CONTROL because the Nov 2006 presentation that we had filed with the Administrator, with a full two weeks advance content, had been badly relayed to the Board -- PAGES MISSING AND MANY IN THE WRONG ORDER, by whom we don't know -- TOTALLY OBLITERATING READABILITY by the Board supposedly preparing to consider our experimental/blackwater variance at that November meeting.

-- **On Dec 1, 2007 we sent that document, certified mail to each Board Member**, tracking each to make sure that they were adequately informed before the next Board Mtg, which it turned out was likely not til January, so they would have lots of time to digest such serious claims against a formerly considered trustworthy, though roughly disliked, department member.

**2008, January-March, we waited, to no avail.** Whatever became of the vaunted procedure to dealing with complaints against an offending civil servant? We wanted to know, so we called the Department and the Administrator seemed shocked that we were still pursuing this idea and claimed that "the Board didn't know what we wanted" from them. Clearly, since the cover letter said we didn't want to work with the prime suspect in the criminal damaging case and CERTAINLY didn't want to work with such a villain as would ABUSE the HEALTH DEPARTMENT RESOURCES of a neighboring county in order to punish us for not caving. We had repeated that request in the conclusion to the document as well. Was the Administrator simply obfuscating? Was the Board really that malfeasant? Was SDick invariably going to be able to do whatever he wanted regardless of how criminal?

-- **Beginning of May, another attack on our outdoor plumbing.** According to the BCRWA, the only way all those pieces of soggy twigs, leaves, and dirty debris could have gotten into the faucet, which faucet had been in service CLEANLY AND DAILY IN USE for over TWO YEARS, was for SOMEONE to have opened the rainshelter-wall at the water line entrance, turned off the water from the main for a short period, gone to the

back faucet, released some and stuffed detritus up into the plumbing, then returned the BCRWA controls to normal and closed the rainshelter. This begs for explanation as anything but continued harassment, since we had again been pursuing that response from the Health Dpt Administrator. What would be damaged next, probably even more extensively and total. THERE IS NO SENSIBLE AND DECENT WAY TO CONTINUE TO DEAL WITH THE HEALTH DEPARTMENT WITHOUT 24HOUR SECURITY AND LIKELY NOT PRODUCING ANY SENSIBLE AND DECENT RESULTS ANYWAY.

Knowing the regulations would have allowed us -- with suitable concurrence paperwork -- to build an experimental system and knowing the performance of a whole range of alternatives of considerable merit, more economical and environmentally sustainable as well, that would satisfy the requirement to be meeting the performance standards for BOD.5, TSS and E-COLI, as well as being easily DIY and relatively quickly doable, we decided to exchange our former mound -- expensive, difficult, low performing longterm and undesirably, habitatwise -- design for a truly advanced and decidedly humanely sensible combination of

- thermophilic composting of fecal matter (**not illegal in Ohio** nor regulated anywhere in the US for non-commercial purposes),
- separation of urine for agricultural use (research supported SciNews 2007) and

- the stellarly appropriate -- for Brown County's own wild habitats -- and EPA-online well thought-out constructed wetlands for the remaining greywater, to complete the ideal 22nd Century sanitation system. SO WE DID THE REQUISITE CALCULATIONS AND BUILT IT AND MOVED IN TO PROTECT OUR OWN HOME. We have continued to make suitable testing and monitoring adjustments to the hydrological protective rainwater control to preserve our wetland/woodland habitat for our natural developing landscaping.

Over the time period from the 2006 beginning of the derailing confrontations with malfeasant civil servants, one of whom is still in this department and continues to perform as malfeasantly, to the present we have been

- developing an automation system for the radiant floor to optimize the use of waste heat

- built a sunshed workshop with thermal mass built into the work-surface, which held its temperature from freezing all through the weeks of sub-freezing winter weather, generally staying 10°F higher than the winter outdoors the rest of the cold season

- added thermal mass structures to the crawlspace, as well as a solar heat collector, to keep the crawlspace from becoming wet in the spring from the lag in thermal seasonality causing dew point temperatures to exist in a crawlspace all through the humid spring months

-- set up testing protocols and monitored the crawlspace performance through the thermal-mass-only phase, and now continue this with the solar collector phase to confirm/adjust controls and decide on influence to our berm design

-- dealt with an unusual event of concurrent automotive problems for our workhorse vans and our commuter car after all the driving to work at the lot for years. Some of these vehicles have over 200k miles on them and all are adapted for higher gas mileage, so we would not relinquish them without exceptional cause. Most work was usually DIY also on the cars, which we consider educational.

-- added expansion ponds, and a couple of wildlife ponds to our stormwater creeklets that control the house-island amidst the woods

-- enhanced the stonecreeks around the foundation, testing sizing against observable weather

-- measured electric usage options for blackout planning, developing both a 1000w system design and a 5500w system of battery bank and smaller generators, studying multiple battery and generator engineering performance specs

-- located and studied the local wetlands flora in our habitat to design the plantings (yet to be installed) for the constructed wetlands

-- developed an advertising program to re-establish homeownership for the population of credit-problem victims of the real estate bubble, using effective, but minimally expensive electronic resources online to support a failing agent, who was near bankruptcy. Even though we generated over 30 prospective buyers per month, the workload and his inability to deal with creditors brought the agent to collapse and retire,

-- dealt with our own devastating tragedy, in May of this year, and its aftermath

-- successfully dealt with SocialSecurity operating violations of due process at the Great Lakes regional level, enlisting the services of Senator Voinovich

-- and currently preparing a wrongful death legal complaint to remove an incompetent MD from the ICU and a despicable prejudiced MD from the Mt Orab Mercy ER who caused our tragedy, working with the Clermont Law Library and accumulating medical research

-- and yet we have again had the incursions of a damager to our sanitation system and surrounding enviro-habitat in August-September while we were now unable to maintain the constant surveillance for our home while on supply runs, which then were followed, curiously, with this latest return of the malfeasant enviro-crime staff who, I'm sure, doesn't remember doing this damaging.

Having heard that there was a new Health Commissioner and that the formerly malfeasant Administrator was gone, we began to wonder if it was



time to start doing the paperwork again and again, til we never want to see this ever happen to anyone ever again.

SO NOW BEGINS THE PAPERWORK TO SET UP THE EXPERIMENTAL VARIANCE REQUIRED TO MAKE THIS SYSTEM A POSSIBILITY FOR OTHERS WHO WANT TO PRESERVE THE WETLAND/WOODLANDS OF BROWN COUNTY OR WHO WANT TO LIVE IN AN EQUITABLE WORLD WHERE USE OF RESOURCES IS WELL THOUGHT-OUT & NOT GREEDILY WASTED, AND EVEN FOR THOSE WHO ARE WILLING TO DO REASONABLY CONSERVING EXTRA WORK JUST TO SAVE \$20,000 WHILE ENJOYING THE BEAUTY OF NATURAL BROWN COUNTY. (**See LINKS AT THE BOTTOM & next emails**)

For over two years, we have made sure that at least one of us was on-site at every hour of the day, with only Christmas as the exception and one other evening with family at a gathering. No intruders had come onto our home's curtilage. Then this past May 2010, we lost my son. Barely three months later, -- **late Aug 2010** -- began a sequence of surreptitious visits, three of which involved **vandalism**, two specifically **aimed at our sanitation system's** composting, one to peer underneath the house skirt, after being unable to breach the fencing we used for animal security for the crawlspace. Material was taken from the various bio-remediation bins and chemicals were used to silence their peaceful operating microbes around mid Sep 2010. Definitely questionable as theft. **The last incident was near the end of Sep 2010**, an angry theft of some simple driveway safety markers, so maybe the previous theft of compost samples did not produce the results that were wanted.

We have enhanced our security but less than a few weeks later, **SDick was taking pictures of our home, without official notice or complaining neighbors**, on **Nov 18th**, as is documented in the court's evidence that was used 2 weeks later on Dec 1st to gain a search warrant. Accompanied by his 'environmental crime' officer from the Sheriff's office, SDick directed the taking of 'evidence' for his intended harassment using court and department resources to further his satisfaction. Harassment? Yes, because **if you look at the \*charges\* that he lists in his 'citation', there are obvious lies and malfeasant claims that vindicate our claim that this is again harassment**. The law is not on his side. See this link for use of OAC3701-29 to invalidate each charge:

<http://www.cighe.net/ExperimentalSanitationApproval/OAC3701-29usedforHarassment.pdf>

Yes, harassment. Should you flee to hide behind a veiled idea that what we did was a crime to be punished with search warrants and citations and court threats, then go back a few paragraphs to May 2008 and start reading again. We have every right to protect our family and our home when the obvious problem is a bureaucrat malfeasantly failing to provide the paperwork route that we were entitled to, in order to protect a lying, and malfeasant employee, for some unknowable reason, possibly because she didn't want "to have to learn anything about sanitation systems and their management", as she herself indicated in casual conversation, back in 2007..

And it's not as though we have been idly waiting for the Health Department to wake up and deal with our grave complaint. We have added quite a few accomplished projects of pertinent merit. And we shall insist that this be solvable with due diligence by people who care enough to make the effort to learn and apply what needs to be done to make things right, acknowledging all our own effort, study and work..

MJ Raichyk, Mya Lee Raichyk, and Michael Raichyk (honorary member now)  
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