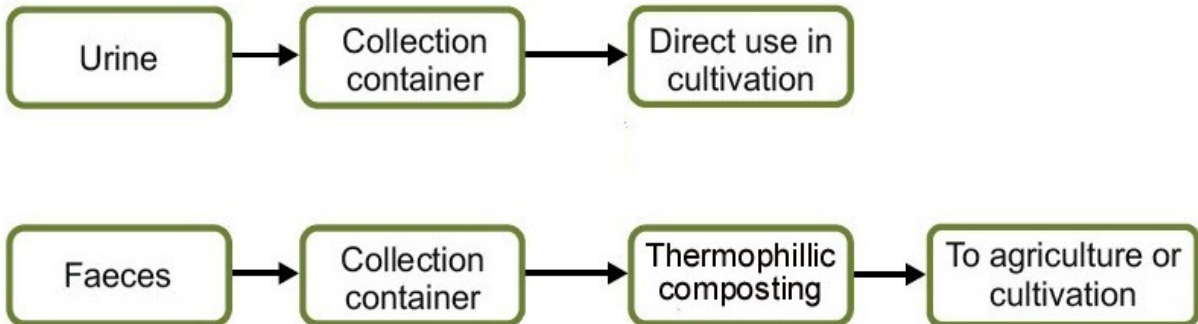
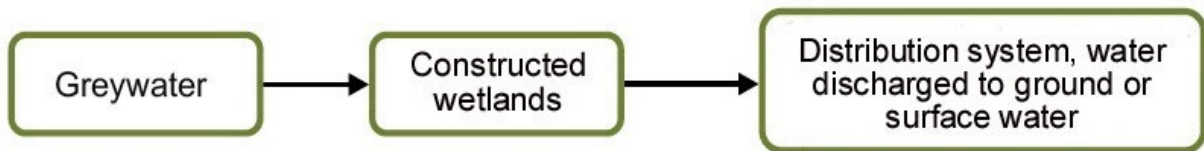


Experimental Kress Rd. Proposal - Raichyk System

Bio-Remediation Bucket with Urine Separation



Bidet, Bath & Kitchen



Urine has been traditionally used on the battlefield, before antibiotics, as a wound-cleaning, body-friendly antiseptic. Keep the urine in individual transparent jars and the jar-user can see the quality of their own body's functioning.

Urine testing for pH, for example, is easily available (pHion.com for example) to assess whether your body is comfortably maintaining its pH balance, which by the way is more important to be rigorously maintained at the normal level, than body-maintained temperature. We have seen many websites with other urine test kits for other conditions.

For another example, when we converted our cat litterboxes to urine separation, we began to consider a test kit for kidney functioning for the cats since kidney disease is not well handled by the current methodologies taught in veterinary schools, which are unable to detect kidney disease until almost 70% of the cat's kidney function is gone. BUT if you are monitoring occasionally, and the urine from your cat is more dilute, then introducing herbs for kidney disease into your cat's diet would be advisable.

Similarly, when scooping the litterbox (no clay litter anymore), it is possible to tell what your cat's main meat has been, muscle or organ. AND should you doubt that kibble is not doing your cat's body a favor, just see how different their stools smell when you feed them their natural food, meat, raw or slow cooked. A poor little cat eating kibble has stool that smell ghastly, warning any caring owner to change his diet. Raw meat can be less expensive as well as healthier, so you can keep your kitty very well.

Ditto for humans. Right diet and healthy functioning systems, and the stool is not offensive. Use the MicroHusbandry chapter of the Humanure Handbook for proper maintenance/operations of the thermophillic composting system. The use of compost in agriculture/gardening is well known. Urine was tested as a fertilizer by Finnish researchers and found to produce cleaner, and 30% more food than

the usual petroleum fertilizers. Freeing us from petroleum in the garden.



Figure 1: Map of approved Ohio EPA subsurface flow constructed wetlands

These are the counties where constructed wetlands are already approved. We will be pursuing more information, possibly FOIAs, to learn the status of these TWENTY constructed wetlands already in service and approved. This is a validly appropriate experimental, forward-looking system for Brown County to be exploring NOW. Even in less wetland favorable sites, the ODH study had a price tag on these systems that saved homeowners \$10,000-\$15,000. Not to mention the possibility of DIY!

Think of the economic benefits of Brown County homeowners with an unexpected \$10,000 in the hands to spend or save. We should be exploring all these varieties of design.