

#	Question	Answer
1	Could we combine the stormwater harvesting system (like tanks) with passive & low input system together to improve the treatment efficiency?	Absolutely
		we can combine the passive method with the electrical method in geophysics to get better information about groundwater
		also this leads into the concept of one water - of water resource management districts - an approach being looked at in many large cities?
2	Could u please share any ideas/experience with the treatment of inorganic salts by passive system? It's better if we combine mechanical system and passive together in terms of desalination purpose?	what is the source of the salts?
		Hi Dendra, e.g mine wastewater which contain high TDS levels, and it may need passive system at closure
		do take a look at the event Ben mentioned coming up and if you're on LinkedIn see the work of Dr. Alexandros Stefanakis
3	Based on experience, what are some of the do's and don'ts while designing a passive treatment system?	I think that the biggest thing to consider when designing the passive system for an area is to work with what is best for the area. Sometimes people have an idea of what systems they want to use and this sometimes means that a more suitable option isn't considered. Having an open mind and working with the environment that is there is the best thing.
		Indeed Natalie - as Ben pointed out, passive systems STILL require maintenance, and sometimes a power source, and need to be scalable - make sure you are asking all the 'whatif' questions of the potential users?
4	I think , Hybrid constructed wetlands system (both bio and phytoremediation) , embedded with livelihood generation can treat all sorts of inorganic matters and salts . I have an international paper on decentralized hybrid constructed wetland for sewage treatments in rural areas of Pakistan. If someone is interested , I can share and email: islamhaq3@yahoo.com	Thank you, that would be a great paper to read. I will email you and I am happy to share it with Arris.
5	Thanks Dendra for the information :)	
6	From Jacqueline Frizenschaf: Constructed Wetlands: Any experience with vertical constructions in area-limited spaces?	Yes - Ben addressed that? Single family home systems are being looked at here in Hawaii - actually one for me!
7	What is a common media mix for low gravity sand filters to be used downstream for more precision drip irrigation systems?	What is a common media mix for low gravity sand filters to be used downstream for more precision drip irrigation systems?
8	What about impact on microbial pollution? What about drug residues, hormones, etc?	

9	Have you come across a technology called Organica?	
10	I have been installing hSSF subsurface flow wetlands since '98. At a residential scale I have found the biggest barrier to adoption (owners and councils) is the continuing maintenance of vegetation systems. Any comments?	
11	Do you find much resistance from local government in Australia to these passive/low input systems? We find a lot of Councils in NSW are hesitant to approve anything that isn't a common disposal method from the Standards?	The new draft EHP onsite wastewater management guideline is being released very shortly for public consultation by the Office of Local Government.
12	Any ecological testing done to make sure that the "treated" water is safe for aquatic life or consumption?	Regular testing of "treated" water is very important to ensure it is not damaging the environment or ecosystem that it is being introduced to. Long term monitoring can also provide trends and give valuable data to the effectiveness of the system on variable ecosystems. So yes, very important
13	I arrived late; I think my question has already been covered, thx!!	
14	from experience with maintaining a system does vegetation need to be replaced?	from experience with maintaining a system does vegetation need to be replaced?