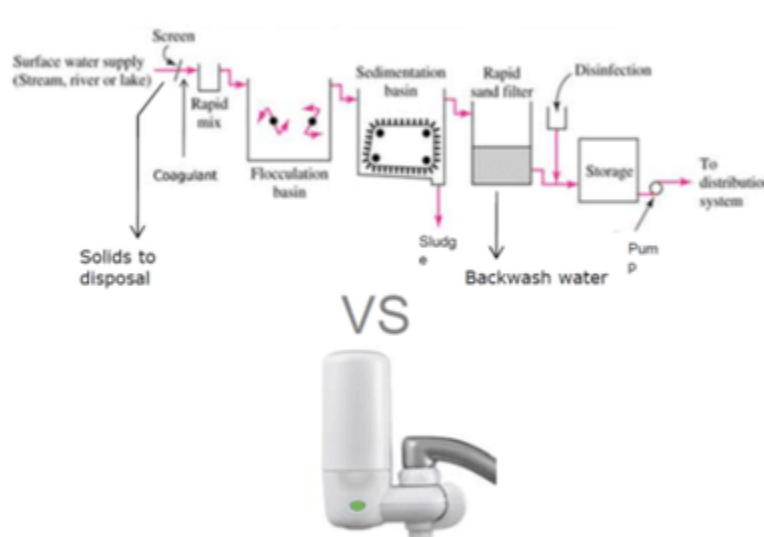


Yet the most ridiculous parts of Dr. Love’s “story,” were implied black magical properties of POU filters installed only in Flint. First, there was a claim that in Flint, somehow the POU filters were recreating a warm, nutrient-rich ecosystem of a “mammalian gut,” thereby growing human fecal pathogens that would cause “Shigella-like disease” with “especially dangerous” antibiotic resistance. Or as Dr. Pauli wrote ominously, that “[Filter use in Flint was not...comparable to filter use elsewhere](#)” and the situation was “[abnormal.](#)”

Second, was the illusion that mounting a POU filter to the end of a kitchen faucet in Flint, negated all upstream treatments and created a “single barrier” to dangerous bacteria (see slide). Love’s Flint library slide literally implies, that the filter installation, caused Detroit’s water treatment plants serving Flint to magically vanish ([see page 3 of this link for descriptions of multibarrier bacteria treatments in Detroit](#)). This was irresponsible.

The practice in drinking water treatment is to use **multiple barriers** to protect public health against multiple contaminant types. Used alone, activated carbon point-of-use filters reflect a **single point** of treatment.



Slide from Dr. Love’s 12-14-2016 Flint Library presentation, implying that putting a filter on a Flint faucet, somehow caused Detroit treatment plants to vanish, leaving Flint residents protected by a “single barrier” to dangerous bacteria. A factually correct representation would indicate the filter was a extra barrier added after the water treatment plants.

Dr. Love also made no mention Flint was benefiting from enhanced chlorine dosing, enhanced corrosion control, and intense [bacterial monitoring required by EPA in Flint from early 2016 onwards](#) as implemented by relief agencies. No mention that legally-required coliform bacterial monitoring proved that there was highly effective bacteria control, [with results so good, that coliform bacteria were undetectable in Flint water samples for 3 consecutive years.](#)