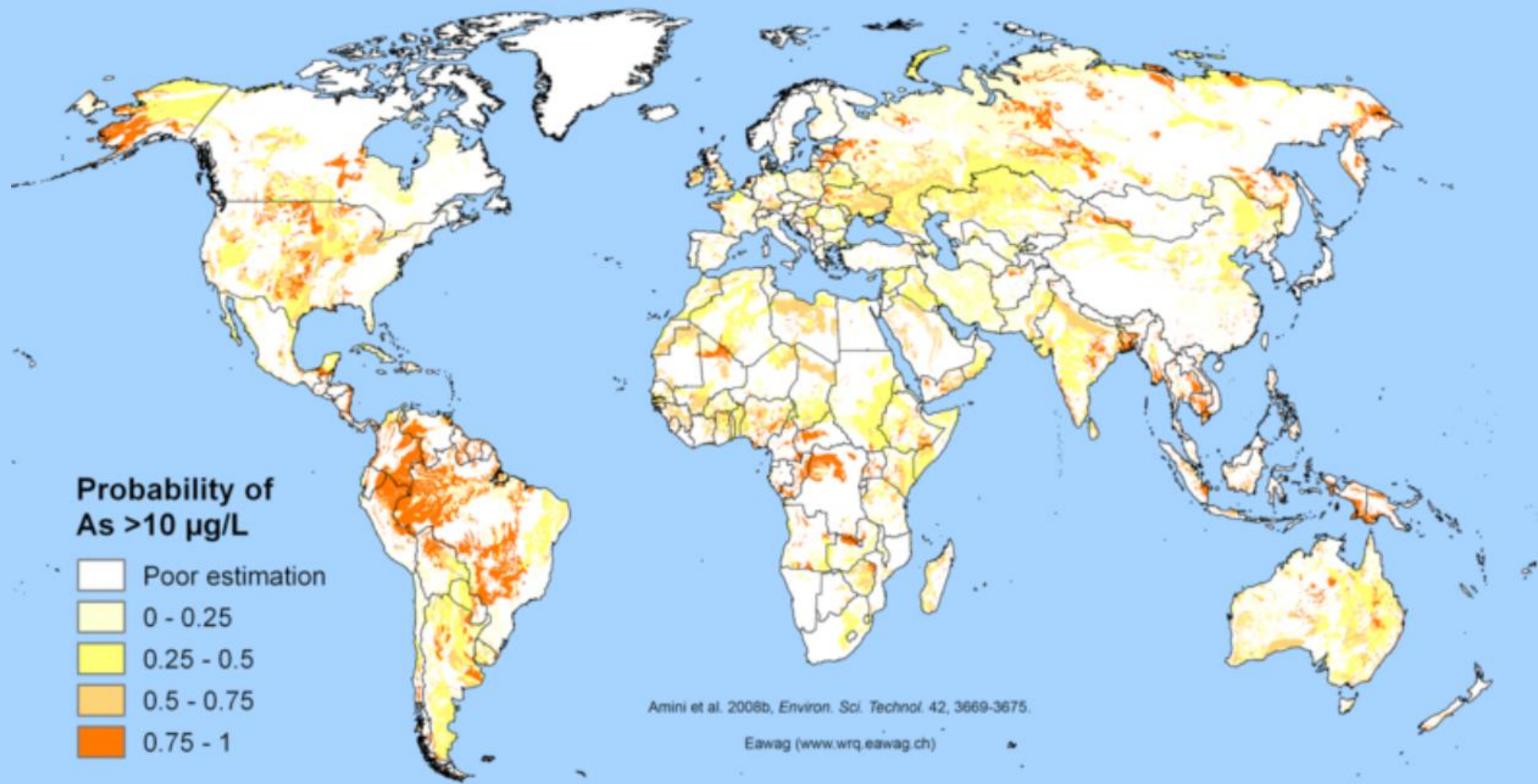


Arsenic Removal from Drinking Water

Dr. Phillip Thompson

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Director of the Center for Environmental Justice and Sustainability





Cabot, 2020






 Only The Best For Small Pets
**ASPEN
 BEDDING**



54.22 cu ft compressed, 113.64 cu ft Uncompressed Volume
Directions: Drain the pellet and break apart. This wood bedding is made from sustainably sourced, kiln-dried aspen shavings, and is both recyclable and compostable! 100% all natural, the great little life brand.
www.smallpetselect.com












**American Water Works
Association**



1/4" Pea gravel



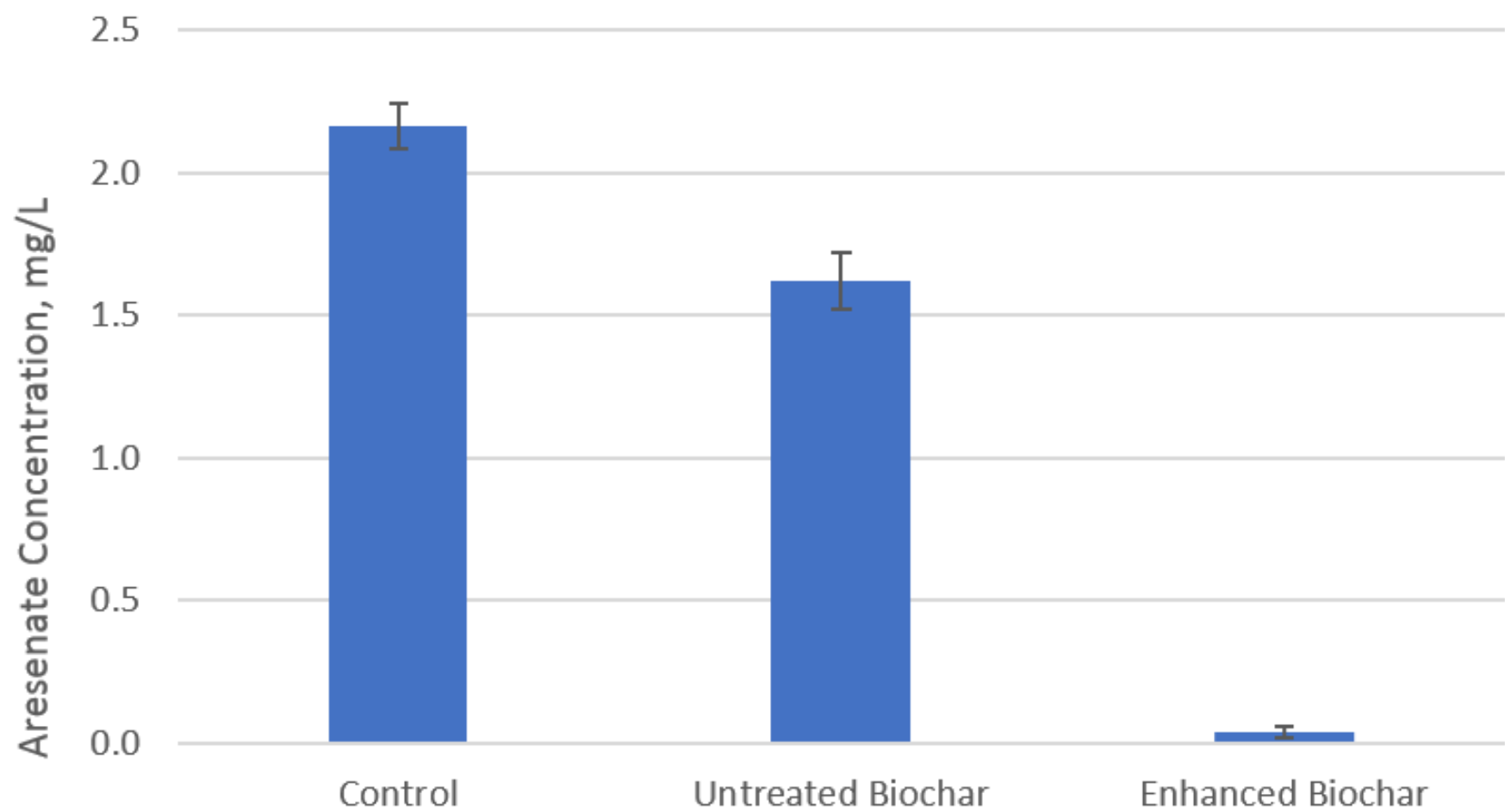
Enhanced Biochar

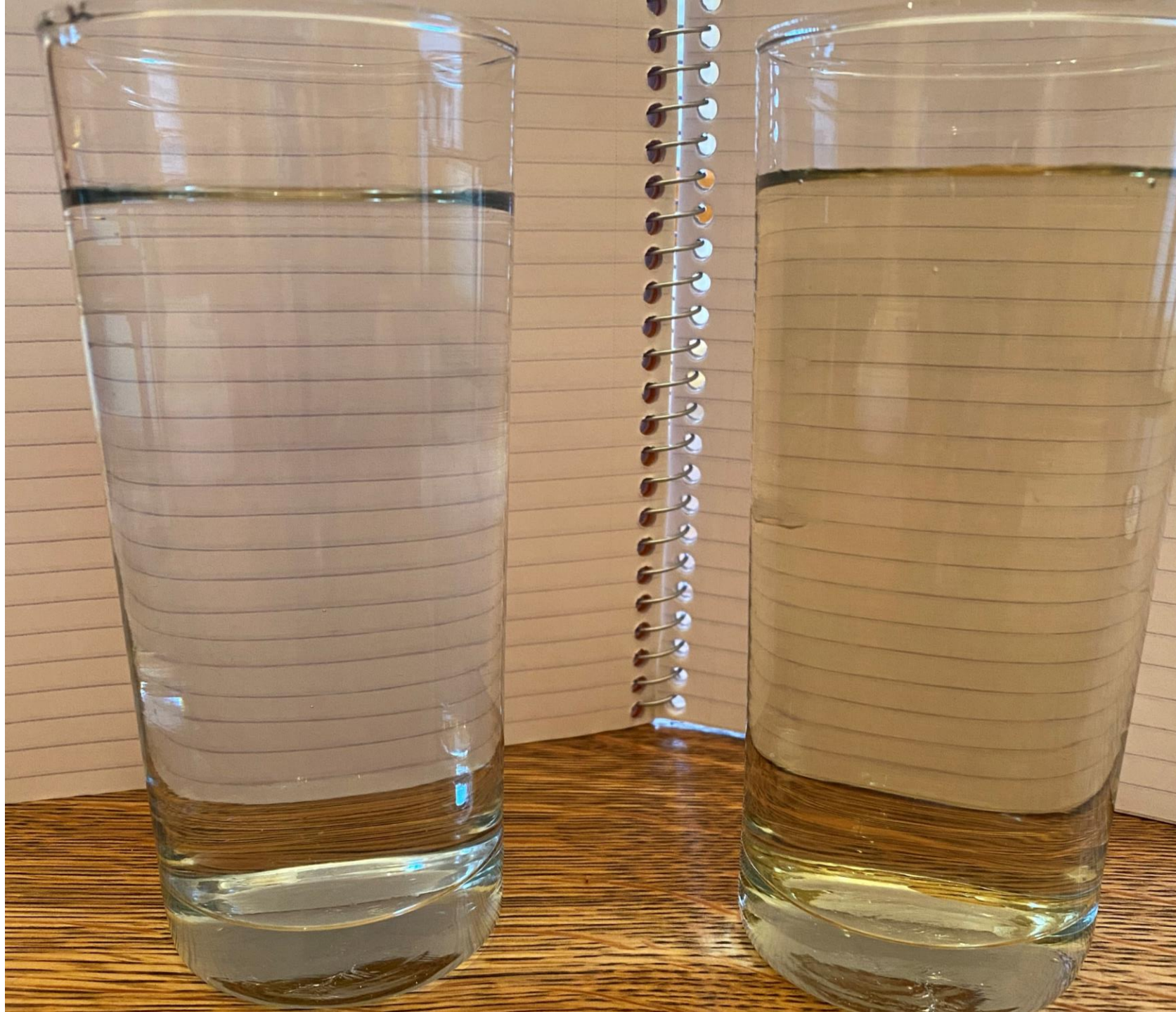


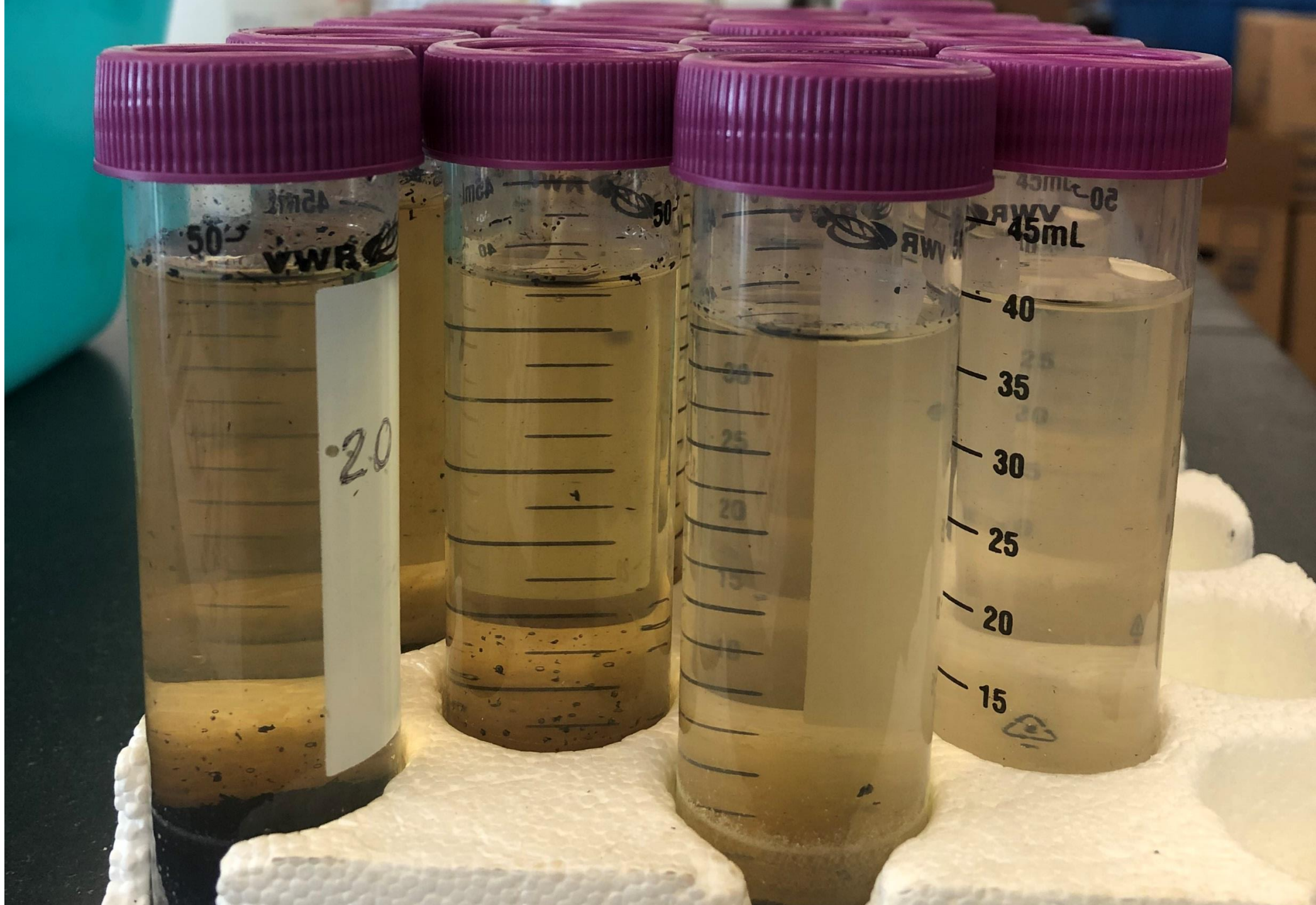
← Steel mesh

Ceramic Candle Filter
←

Figure 1: Column Test Results, n = 3 for each treatment.







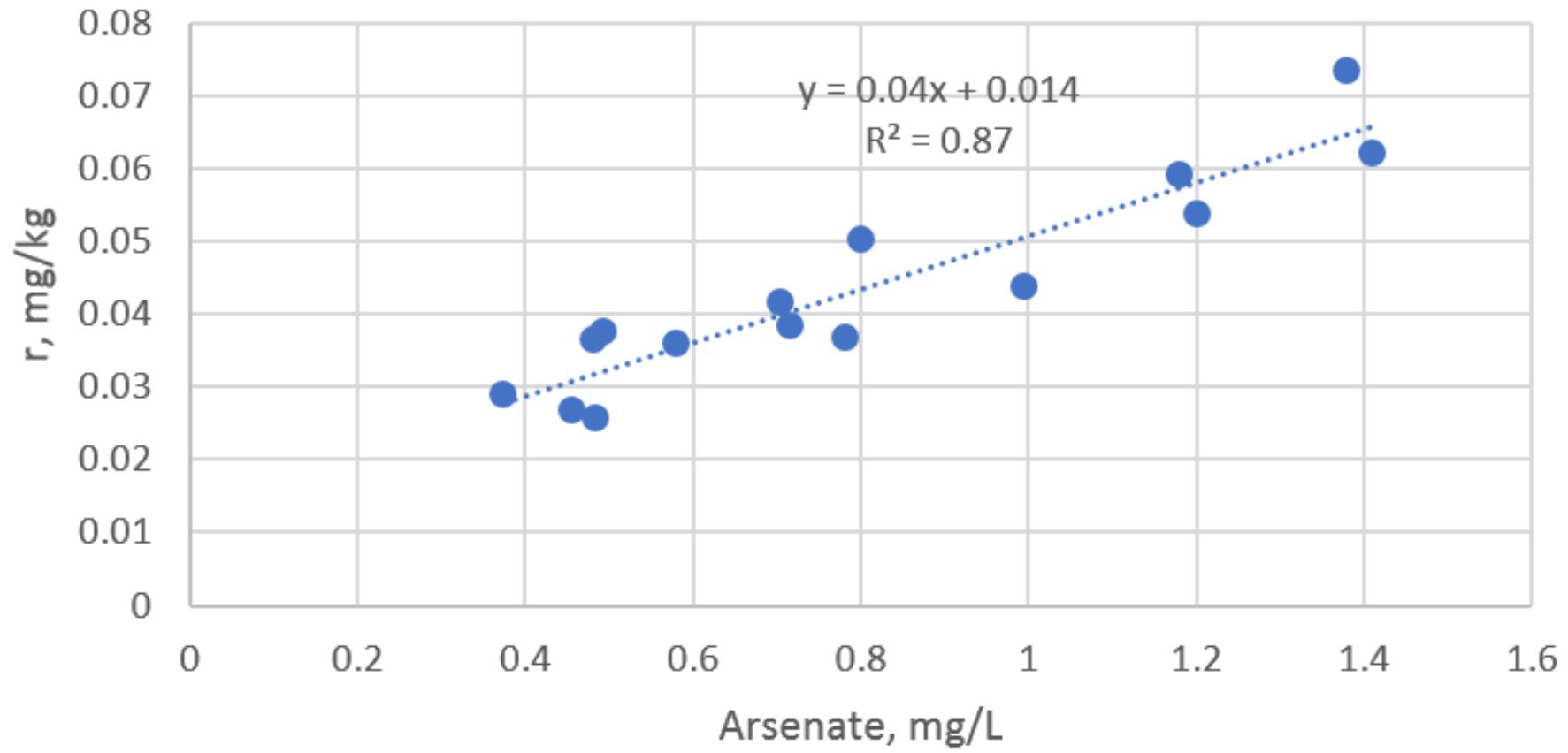
50
VWR
20

50
VWR

50
VWR

45mL
40
35
30
25
20
15

Figure 2: A linear isotherm for granular enhanced biochar and arsenate indicated a sorption coefficient K_d of 0.04 L/kg.



Triple Bottom Line

- People
 - Human Health
- Planet
 - Waste wood to Energy
- Profit
 - Treatment cost per liter is approximately \$0.25

