

	0-10 Longevity	0-10 flow rate	0-10 Portability	0-10 chemical, physical, biological	
Candido's sketch	7	8	10	Chemical 8	=33
Kim's sketch	5	5	8	Chemical 6	=24
Marco's sketch	6	5	7	Physical 8	=26 PB

2

2.0 liters

$\frac{24}{3} = 8$
3 | 24
- 24

0

Flow Rate Data

Final-Initial (mL)

min	0	3
mL	0	72

Final-Initial (min)

100 mL

24 mL/min

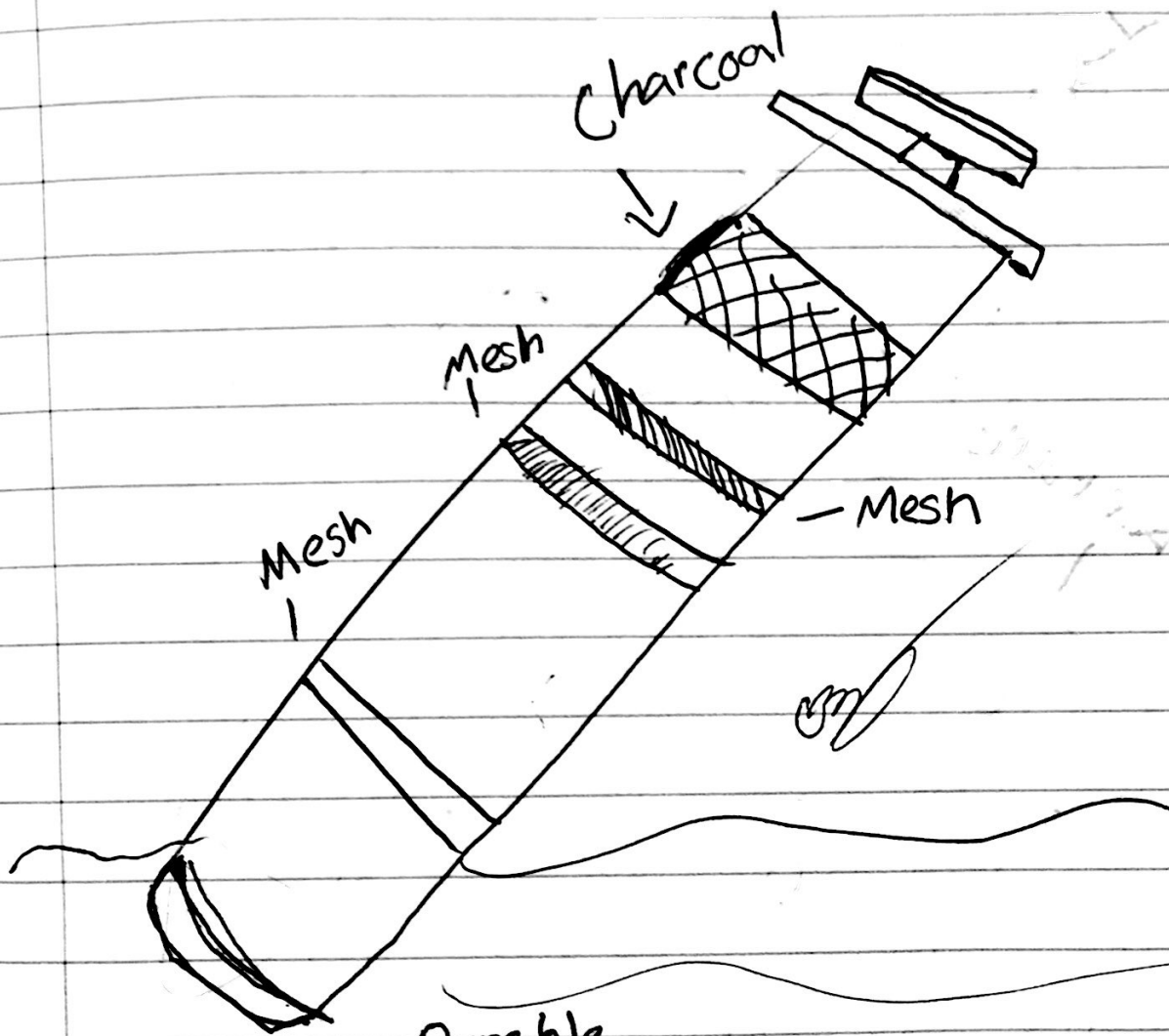
~~7.5~~ /s

H₂O Filter Quantitative Data

	initial	final
1. pH	7.45	7.68
2. DO	0.6 mg/L	0.6 mg/L
3. NO ₃	11.6 mg/L	16.8 mg/L

H₂O filter Qualitative Data

initial	final
• musty	• clear
• dirty	• no smell
• opaque	• 2/10



- Durable Plastic
- S traw Shaped Tube

400x Initial Sample

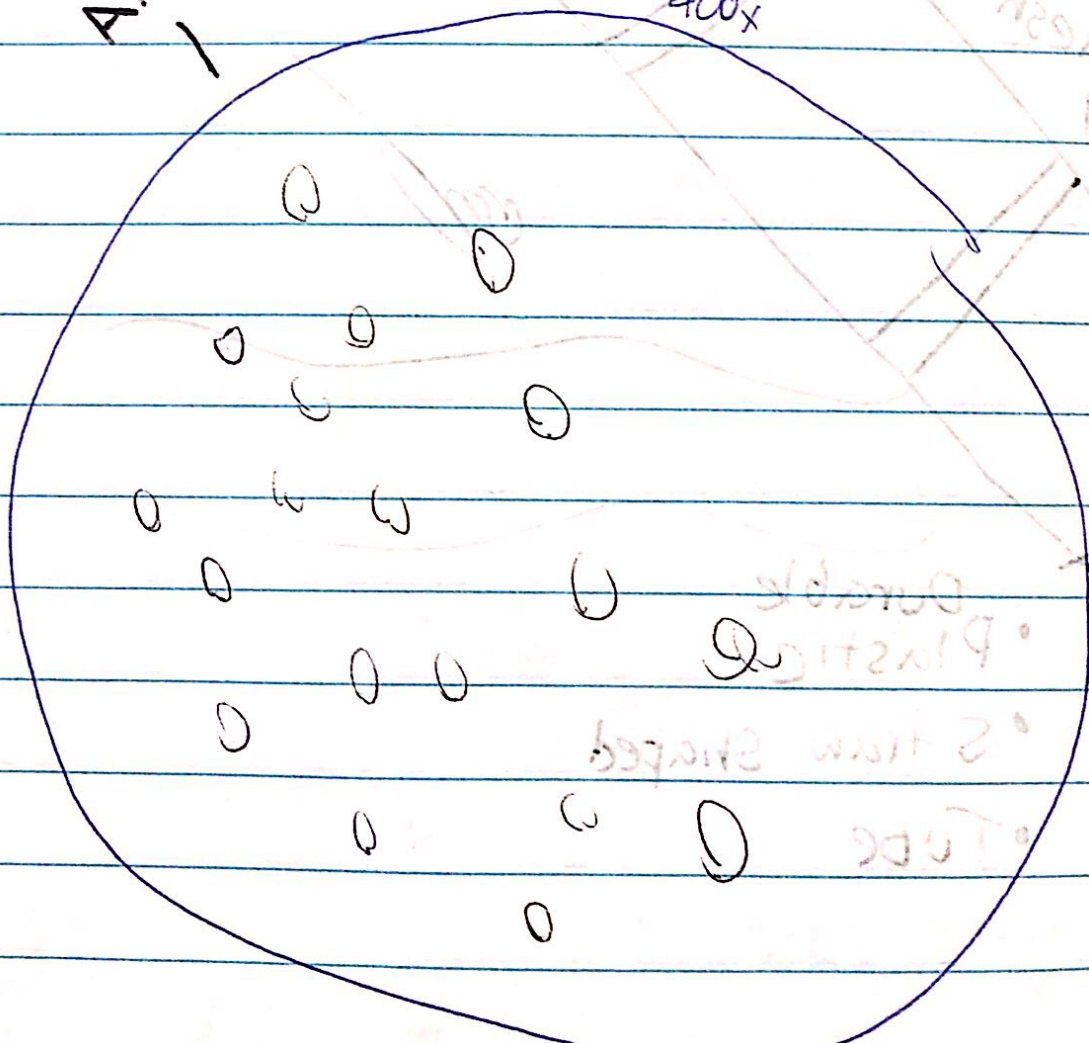
Color & detail

Larva

Air bubble

400x

Final Sample



9-22-16

	pH	Total Dissolved Solids with Conductivity μS	NO_3 Nitrates	DO_2 Dissolved Oxygen	Colorimeter for cloudiness
Before	7.70 7.69	499	10.5	1.2 mg/L	0.134
After	7.66	454	9.3	1.3	0*

* = malfunction

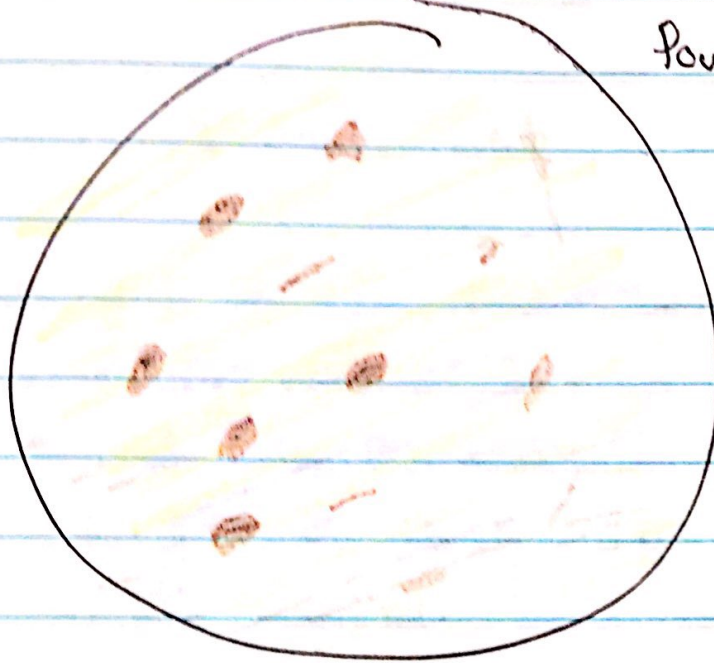
Yesterday:	200 mL	Volume	Time
500 mL in 1:04 minutes		200 200 mL	01:02
7.812 mL/seconds			
468.72 mL/minute			193.5 mL/minute

Qualitative Data

Before	After
Cloudy yellowish-brown fragments	Clear

Before

Power 100x



After

Clean

