

ExquisiteWater Parameter Test List

- Temperature*
- Total Coliform Bacteria*
- Nitrates*
- Total Dissolved Solids*
- pH*
- Lead*
- Arsenic*
- Sulfate*
- Nitrite
- Iron
- Copper Test
- Free Chlorine
- Hydrogen Sulfide
- Total Alkalinity
- Total Hardness
- Total Chlorine
- Pesticide Test
- Chloride

* Original COCs (Contaminants of Concern)

**First Target Location: Urasi River, Orumoghu, Ihiala
Local Government Area in Anambra State, Nigeria**

Date: September 24th, 2015

Parameter Tested for Source Number One	Results (in respective units)
1) Temperature*	25.4 C
2) Total Coliform Bacteria*	Negative
3) Nitrates*	0
4) Total Dissolved Solids*	425 ppm (442)
5) pH*	5
6) Lead*	Not Tested, Baseline Result was Negative
7) Arsenic*	Not Tested
8) Sulfate*	250
9) Nitrite	0
10) Iron	0
11) Copper Test	0
12) Free Chlorine	10
13) Hydrogen Sulfide	0.5
14) Total Alkalinity	40
15) Total Hardness	50
16) Total Chlorine	4.0
17) Pesticide Test	Not tested, Baseline Result was Negative
18) Chloride	250

***Items in Bold/Blue are Parameters and their respective results that drastically changed after water sample underwent water purification via the SE200 Device**

***Units of Measurement: ppm- parts per million; mg/L- milligram per liter; °C degrees Celsius**

***Due to human error, excess chlorine was added to this testing sample, instead of the suggested 5mL of chlorine, the entire chlorine content was placed inside of the 20L of collected water from the river. Thus, high amounts of chlorine will be found in the water and can possibly affect the results of the other water parameters.**

Second Target Location: Onyedibe Spring, Ukpo, Dunukofia Local Government Area in Anambra State, Nigeria

Date: September 25th, 2015

Parameter Tested for Source Number Two	Results (in respective units)
17) Temperature*	26.3 C
18) Total Coliform Bacteria*	Negative
19) Nitrates*	0
20) Total Dissolved Solids*	22.9 ppm (442)
21) pH*	4
22) Lead*	Not Needed
23) Arsenic*	0.005
24) Sulfate*	0
25) Nitrite	0
26) Iron	0
27) Copper Test	0
28) Free Chlorine	0.6
29) Hydrogen Sulfide	0.3
30) Total Alkalinity	0
31) Total Hardness	0
32) Total Chlorine	0.2
17) Pesticide Test	No Pesticide Test Available

***Items in Bold/Blue are Parameters and their respective results that drastically changed after water sample underwent water purification via the SE200 Device**

***Units of Measurement: ppm- parts per million; mg/L- milligram per liter; °C degrees Celsius**

**Third Target Location: Umuike Community Borehole, Ukpor, Nnewi
South Local Government Area,**

Date: September 26th, 2015

Parameter Tested for Source Number Three	Results (in respective units)
33) Temperature*	30.8 C (initially) waited to do testing at 26.2 C (testing can only be done when sample is at 27 C or lower, in order to get accurate results)
34) Total Coliform Bacteria*	Negative
35) Nitrates*	0
36) Total Dissolved Solids*	27.3 ppm (initially), when water sample was tested the TDS level was 25.9 ppm
37) pH*	4
38) Lead*	Not Needed
39) Arsenic*	0.005
40) Sulfate*	0
41) Nitrite	0
42) Iron	0
43) Copper Test	0
44) Free Chlorine	1.5
45) Hydrogen Sulfide	0
46) Total Alkalinity	0
47) Total Hardness	0
48) Total Chlorine	0
17) Pesticide Test	Not Needed

***Items in Bold/Blue are Parameters and their respective results that drastically changed after water sample underwent water purification via the SE200 device**

***Units of Measurement: ppm- parts per million; mg/L- milligram per liter; °C degrees Celsius**