

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)**

Baseline Results

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*	26.5°C
2) Total Coliform Bacteria*	Positive*
3) Total Nitrate*	2 ppm (mg/L)
4) Total Dissolved Solids*	10.1 ppm (442 setting)
5) pH*	2.0*
6) Lead*	Negative
7) Arsenic*	0.01 mg/L*
8) Sulfate*	0 to 250* ppm (mg/L)
9) Nitrite	0.2 ppm (mg/L)
10) Iron	0.05 ppm (mg/L)
11) Copper Test	0.1 ppm (mg/L)
12) Free Chlorine	0 ppm (mg/L)
13) Hydrogen Sulfide	0.3 ppm (mg/L)
14) Total Alkalinity	0 ppm
15) Total Hardness	50 to 120 ppm
16) Total Chlorine	0.2 ppm
17) Pesticide Test	Negative
18) Chloride	250* ppm (mg/L)

***Items in Bold with an asterisk (i.e. 250*) are at or above MCL- Maximum Contaminant Level**

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)
1) Temperature*	27.7°C
2) Total Coliform Bacteria*	Positive*
3) Total Nitrate*	2 ppm (mg/L)
4) Total Dissolved Solids*	15.8 ppm (442 setting)
5) pH*	4.0
6) Lead*	Negative
7) Arsenic*	0.01 mg/L*
8) Sulfate*	250* ppm (mg/L)
9) Nitrite	0 ppm (mg/L)
10) Iron	0.05 ppm (mg/L)
11) Copper Test	0 ppm (mg/L)
12) Free Chlorine	0 ppm (mg/L)
13) Hydrogen Sulfide	0.3 ppm (mg/L)
14) Total Alkalinity	0 ppm
15) Total Hardness	50 ppm
16) Total Chlorine	0.2 ppm
17) Pesticide Test	Positive*
18) Chloride	500* ppm (mg/L)

***Items in Bold with an asterisk (i.e. 250*) are at or above MCL- Maximum Contaminant Level**

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

Date: September 26th, 2015

Parameter Tested for Source Number Three	Results (in respective units)
1) Temperature*	28.4°C
2) Total Coliform Bacteria*	Positive*
3) Total Nitrate*	0 ppm (mg/L)
4) Total Dissolved Solids*	7.8 ppm (442 setting)
5) pH*	5.0
6) Lead*	Negative
7) Arsenic*	0.01 mg/L* ppm (mg/L)
8) Sulfate*	0 ppm (mg/L)
9) Nitrite	0 ppm (mg/L)
10) Iron	1.0* ppm (mg/L)
11) Copper Test	0 ppm (mg/L)
12) Free Chlorine	0 ppm (mg/L)
13) Hydrogen Sulfide	0 ppm (mg/L)
14) Total Alkalinity	40 ppm
15) Total Hardness	50 ppm
16) Total Chlorine	0 ppm
17) Pesticide Test	Negative
18) Chloride	250* ppm (mg/L)

***Items in Bold with an asterisk (i.e. 250*) are at or above MCL- Maximum Contaminant Level**