



**Blueprint Presentation
ENV 600-Technology Entrepreneurship**

Portable Water Sampling Kit



Water Quality

Wan Wan Enterprise



FOR BRIGHTER FUTURE

Members






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Chief Financial Officer

Name / Position	Area of expertise / Responsibility
<p>Chief Executive Officer WAN MUHAMAD NORAZWAN BIN WAN ABU BAKAR</p> 	<ul style="list-style-type: none"> • Bachelor of Environment and Safety, UTM Puncak Alam. • Good communication skill. • Expert in water sampling unit.
<p>Chief Operation Officer MOHD AZMELUDIN BIN MOHD SUHAIMI</p> 	<ul style="list-style-type: none"> • Bachelor of Environment and Safety, UTM Puncak Alam. • Expert in management. • Experience in online marketing medium.
<p>Chief Financial Officer NIK MUHAMMAD HANIF BIN NIK MAN</p> 	<ul style="list-style-type: none"> • Bachelor of Environment and Safety, UTM Puncak Alam. • The trusted person in accounting. • Involve in many investments outside work such as land property.

EXECUTIVE SUMMARY

- Water quality unit is one of the main scopes of Environmental Health Officer in Health District Office.
- The main objective of water quality unit is to elevate the health of the public by ensuring that the supplied drinking water is safe and acceptable to the consumers.
- The main goal of this project is to create a portable water sampling unit that can run the test for all ~~three~~^{four} physical parameter of water that is residue for chlorine, the temperature of water, Ph of the water, and water turbidity.
- Environmental Health Officer (EHO) needs to carry 3 larger sampling unit that tests all of this parameter nowadays.

PRODUCT DESCRIPTION



Label	Devices
A	Test probe.
B	Probe connector (plug-in)
C	Buttons
D	Screen
E	Built-in batteries.

4 in 1 probe



- ❑ This probe can test 4 parameter at the same time while the previous portable sampling equipment only can test the 1 parameter at one time such as Ph and temperature.
- ❑ High durability to temperature and need longer time to calibrate the probe sensor.

1 water sampling bottle.



Previous portables sampling bottle, it needs 3 different bottles to run water sample physical test while for the new product it only needs water sampling bottle to test all the parameter.

Advanced electrical board



- ❖ This advance board will run all the test at the same time.
- ❖ It uses a new processor that take less time to get the result.
- ❖ Processor : Qualcomm Snap Dragon V.4 (20K Cache, 350 MHz)

Built-in battery



- 2750mAh lithium ion (Li-ion) will be used for powering the equipment.
- The capacity of the battery can last for 8hours for standard use of the equipment.

MARKET ANALYSIS

- Customers
The target market for this product is based on agencies that take water sample
- Market size
 - Estimated of prospect buying (35%) = $173 \times 0.35 = 61$ pcs
 - From the number of prospect that is buying, the estimates sales forecast
 $61 \times \text{RM } 15,050 = \text{RM } 918,050$