

## Title:

[My Water- My Condition]: Condition, Cause, Consequence, Remedy (purification technique) of water in my place

## Description:

Different places in the state have different level of water contamination. We as a Government, can make the people aware on what it is, what caused this contamination (so that people can be little proactive in not damaging it further), and how they can live healthy by purifying it in their home. Different contamination has different technique to purify it and not just heating the water will ease of all contamination.

The information can be displayed based on a state/ district on Google map view. This can also be used by the government officials and the physicians over in the zone to diagnose and predict for any possible pattern of disease that could result in a particular Zone. They can make measures to be proactive. The same time, they can insist on using right techniques to purify the water to get away from all risks.

In addition few tips in keeping water safe, clean and also on keeping ground water in effective condition can be provided as part of this app.

\* When more data available, we can scale this as one app containing complete dimension of all water information's.

The below parameters can be emphasized on:

1. Cause (why was it contaminated. Eg: because excessive release of automobile waste).
2. Consequence (what impact this contamination could cause. Eg: excessive fluoride in the water could cause cancer <http://www.guardian.co.uk/society/2005/jun/12/medicineandhealth.genderissues>
3. Remedy (How can I come over this): Even by at home, there are lot of remedy techniques available to come over this consequence by treating it appropriately and making water readily drinkable. Not all water should be treated the same way to remove contamination.

eg: to remove excessive fluoride from water, you can use (Activated Alumina) and filter the water.

<http://voices.yahoo.com/how-remove-fluoride-household-water-decrease-6991582.html>

## Technology Stack

1. An HTML5 mobile app with GPS or
2. Single web page app (with google maps) – Paint the water contamination data + all additional above described parameter per district level view

## Benefits

1. As an individual, by knowing the cause of the contamination, the socially responsible individual or industry who look at this data can possibly stay away from contaminating it further.
2. By knowing the customized purification technique (at home) for their level of contamination, any individual can purify the water at their home and can remove the contamination effectively. Healthy living.
3. The Government official or doctor (physicians) can get themselves prepared on the degree of impact these contamination could cause and get themselves equipped for such impacts