
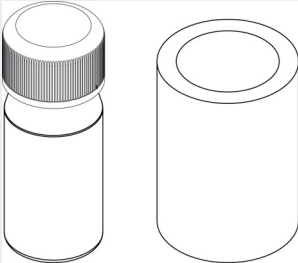
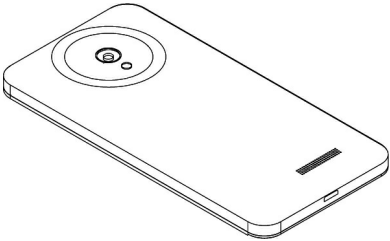

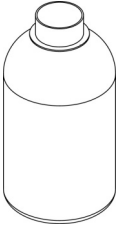
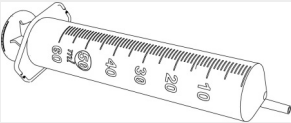
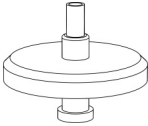
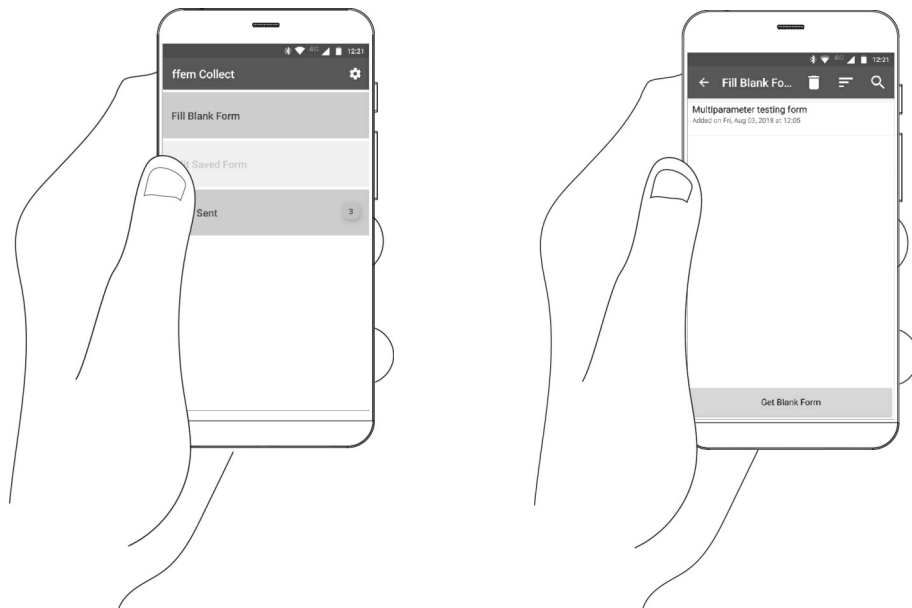


Things You Will Need

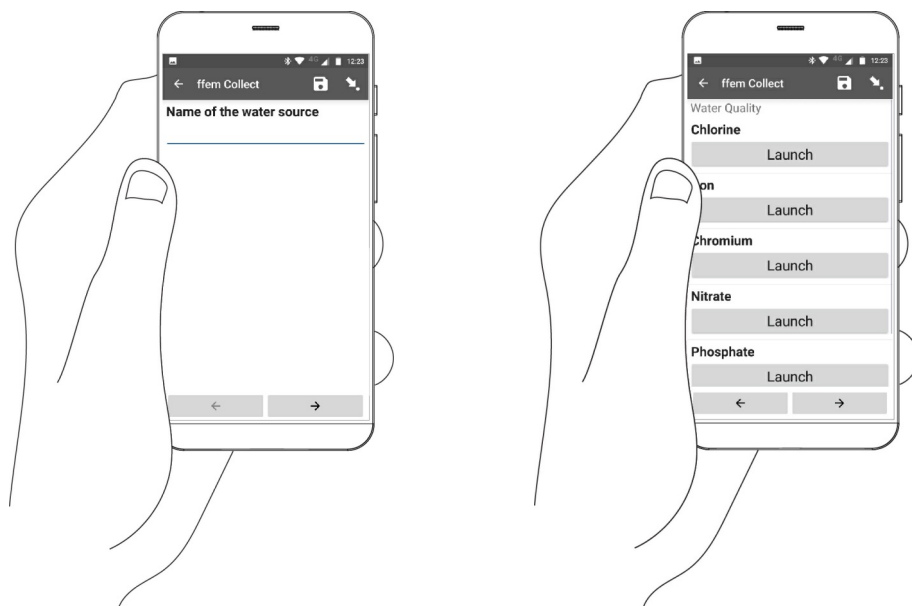
1	One tablet each of Nitrate Reagent A and B	
2	A Cuvette and pipe	
3	A smartphone with the ffem apps installed, and an alignment sticker	
4	A 10ml measuring tube	
5	A sample of water to test	
6	15 ml Syringe	
7	Syringe filter	

Steps

1. Open the ffem Collect app, and select "Fill Blank Form". Select the form you need to fill out.



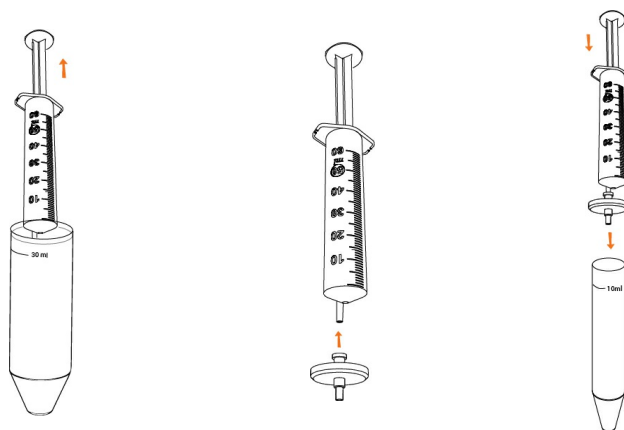
2. Answer all the questions in the form, swiping left to go to the next questions. When you reach the Soil quality questions, launch the test for Nitrate



3. Rinse the empty cuvette and measuring tube twice with the sample to remove any traces of previous solutions.



- Using the syringe, draw out a little over 10 ml of the sample. Then, attach the syringe filter to the tip of the syringe and filter 10ml of the sample into the measuring tube.



- Add one tablet each of reagent A and B into the measuring tube. Close the lid and shake it to ensure proper mixing of the reagent and sample.

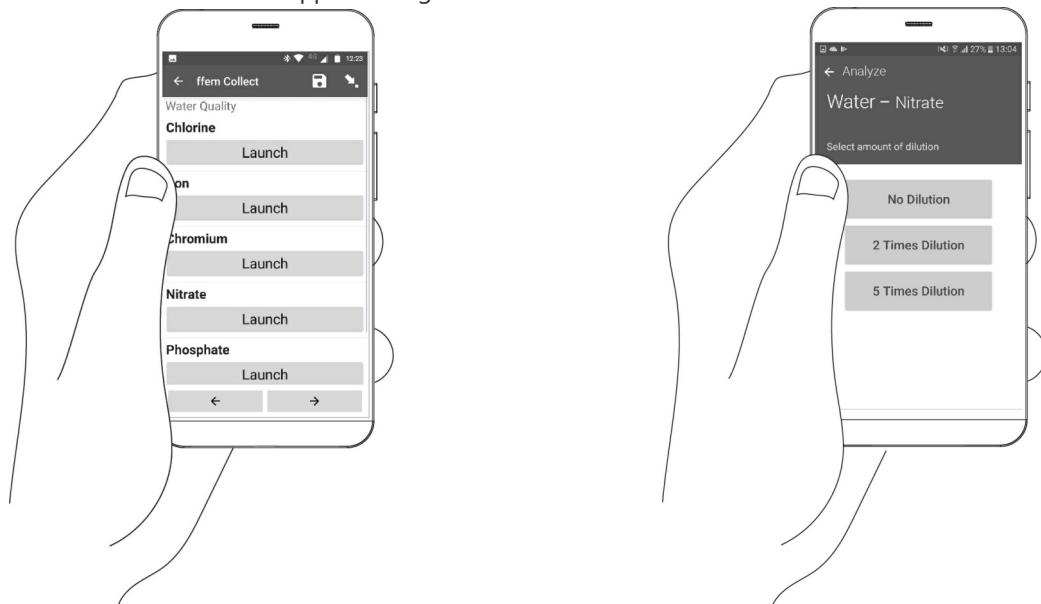


- Pour the contents of the mixing tube into the provided cuvette. Close the lid and fit the cuvette into the pipe.

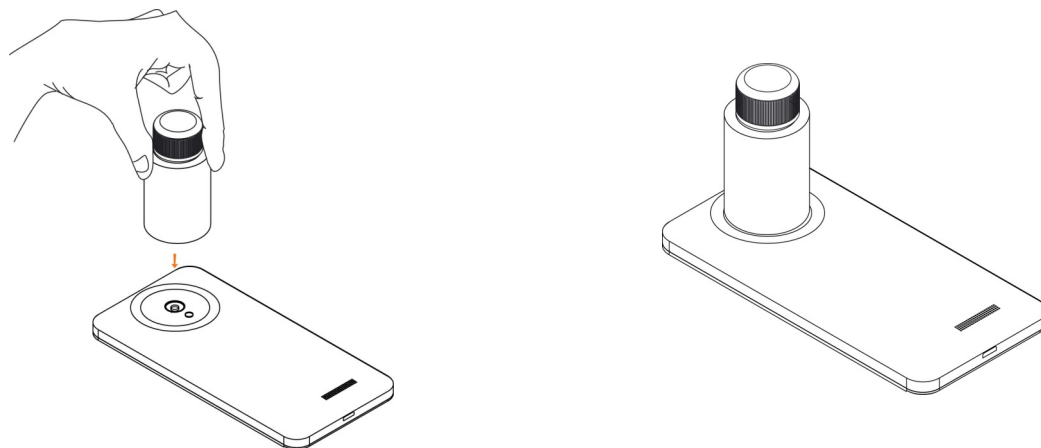


Nitrate

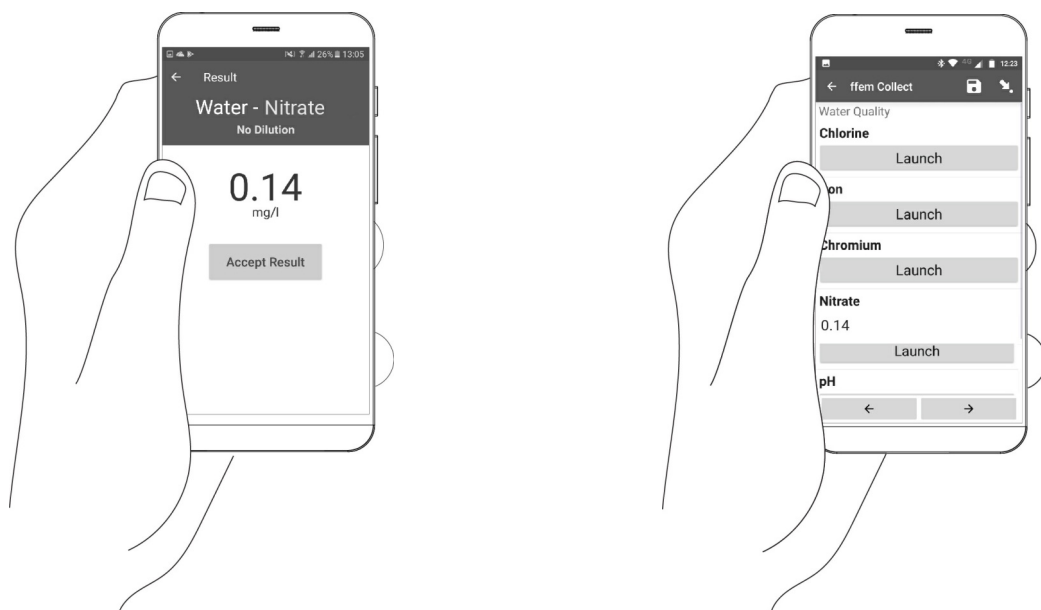
7. Launch the test on the app selecting "No Dilution" on the next screen.



8. Place the phone face down, and use the sticker to help center the cuvette over the camera. Wait for 6 minutes for the test to complete - you will hear 6 beeps and a "Test Completion" sound.



9. You should receive a contaminant concentration value in ppm. Tap Accept Result to return to the survey.



Nitrate

10. Empty the contents of the cuvette and rinse it once.



11. Complete the rest of the survey, and submit it once you have filled in all the forms.

