



TRIBE :

DATE:

STEP 3

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# Our action plan to protect our waterbody

Having taken stock of our water resources and the threats they face, it's now time to think about sustainable solutions to protect our waterbody. We can then share them with other tribes around the world.

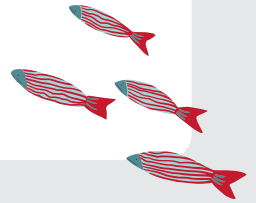
## The solution to protect our waterbody

What eco-actions do you take or plan to take to protect it?

1

2

3



## Are there any actions already in place in your town?

Is your local authority already taking action to protect your waterbody or others? If so, what are the consequences? If not, how can you inspire and convince local residents?

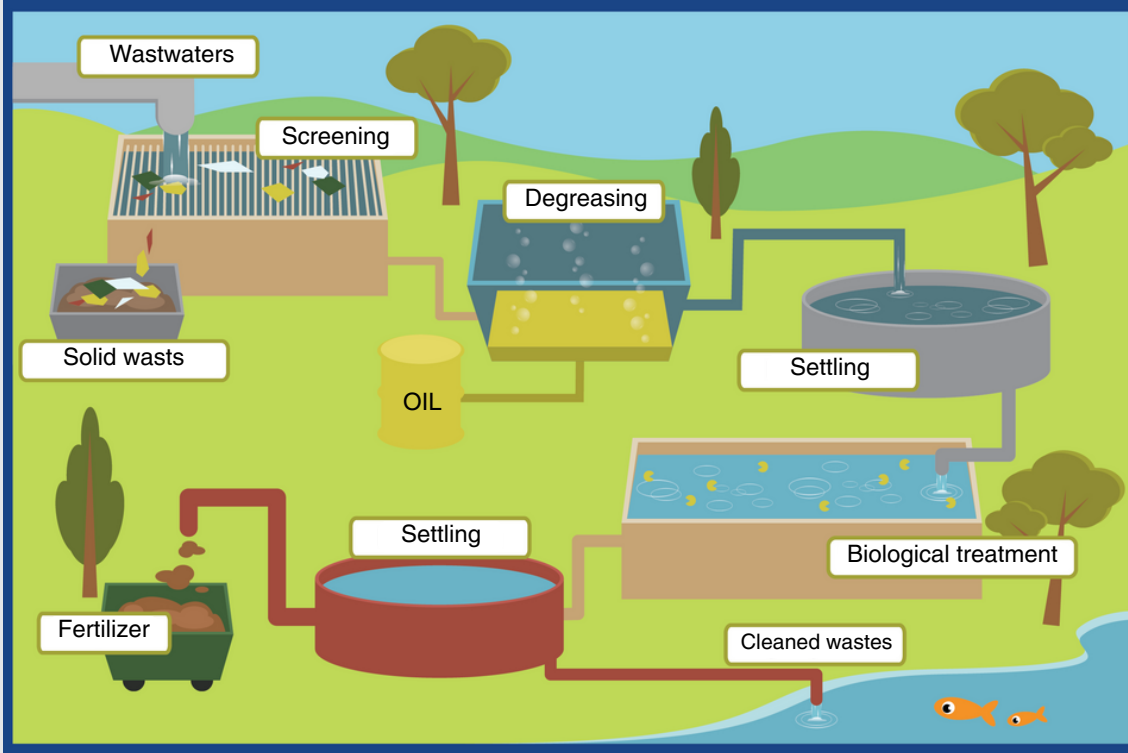


One of the first steps in preserving water resources is to be careful about what we pour into them. The water we use (**wastewater**) is collected and treated before being discharged into rivers or the ocean.



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### How is the water we use treated?



The wastewater treatment plant is composed of a series of techniques for treating wastewater. It begins by eliminating **suspended matter** (waste, oils, etc.) through screening, degreasing and settling. Next comes the elimination of **dissolved matter** (pollutants, minerals...) via **biological treatment** (by bacteria) and then **physico-chemical treatment** (decantation or chemicals). The material recovered after this last decantation is called "sludge" and can be used as fertilizer.

Find the plant responsible for wastewater treatment in your area and report it here:



#### Did you know?

Natural filters exist to improve water quality. For example, plants such as reeds use their roots to filter lake water, thereby guaranteeing its quality. In the marine environment, oysters can purify water, as in New York where the Billion Oyster Project is working to restore oyster reefs in the marina. In fact, by filtering the water to feed themselves, they retain certain pollutant particles and improve its quality.



### Share your drawings and inspire other tribes

#### Now it's your turn!

You can create the final stage of your design using the template provided.

Then email it to us at:

[education@spindriftforschools.com](mailto:education@spindriftforschools.com)  
and we will share it with the other tribes.

Contact : [education@spindriftforschools.com](mailto:education@spindriftforschools.com)

