

Water Pollution Investigation

In Zhejiang, Taizhou

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Introduction

Introduction



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Water pollution is that the value of water declined or vanished caused by harmful chemicals. Those chemicals can poison aquatic animals or plants, resulting in the deterioration in the quality of water.

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Water pollution

*Industrial
pollutants*

A

*Agricultural
pollutants*

B

Mine pollutants

C

*Domestic
pollutants*

D

Causes of water pollution

1. Discharging unprocessed industrial and domestic sewage

2. Overusing Chemical fertilizer, pesticide and herbicide



Caused reason

3. Piling up household refuse and industrial waste

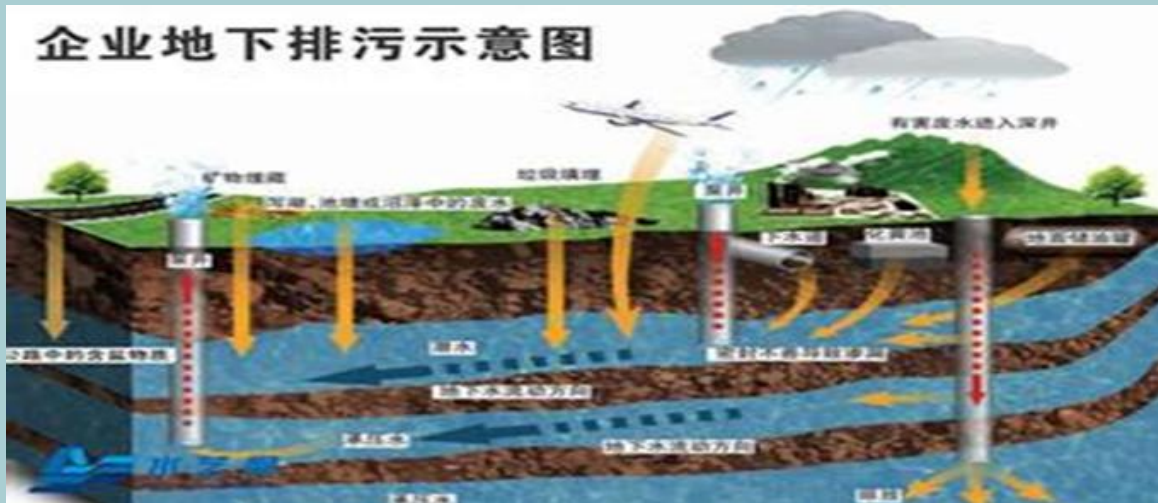
4. Aggravating deforestation and soil erosion

5. Producing mine sewage caused by over-exploitation



Harm

Increasingly aggravating water pollution have already become a threat to the safety of living environment for human beings. In developing countries, **80% diseases** are caused by drinking unhygienic water. At least 20,000,000 people died every year in the whole world because of the same reason. Therefore, water pollution is known as “**the world’s leading killer**” .





Phenomena and government's attitude



My mother told me that.....

<http://tv.cntv.cn/video/C10616/a382544046464e9396fdb5726e175fb9>

- ✓ The summary of the video
- ✓ Give the environment a firm hand.
- ✓ Achievements don' t belong to us.





The Government solutions in Taizhou:

- This year, Taizhou city will basically eliminated black and smelly rivers.
- They will comprehensively clean up the polluting industries and concentrate on the water pollution. In leather, printing, dyeing, papermaking, chemical industry and other key industries, our government will deep the management and promote the sustainable and healthy development of these long-term industries.



Phenomena and government's attitude in Taizho

- Control the quantity of the water
- In order to improve the quality of supplied water, the city will put the most strict water resources management into effect.
- In order to provide citizens with healthy water, the government will keep an eye on the whole process of supervision from water sources to water taps. Also Taizhou is regularly monitoring, testing and evaluating of drinking water sources. To ensure the water is under administration and in strict accordance with the national standard of drinking water quality. The environmental monitoring center has to publicize the information in daily routine.



Questionnaire survey and analysis

Government:

Most people give affirmation to the government's management of water pollution, but the government still needs to work hard, because the government's management is not to reach the degree of civil satisfaction.

A

B

Government, society, communities and organizations have launched some activities of water pollution, but still a lot of people haven't participated in them. This shows that we should increase public efforts and organize more activities.

Individual:

Question: Suggestions on water pollution:

- 9 people **don't write** suggestions.
- 3 people say **"Start it from ourselves."**
- 7 people make some very **general** suggestions.
- 2 people give more specific and reasonable suggestions.

A

B

1. This shows that most people only know general suggestions and slogans which they have known from primary school , and don' t have a deep understanding of the actions and recommendations of water pollution.

Individual:

2. Most people have an understanding of water pollution, but in my opinion, many people's awareness of the water pollution is relatively shallow.

A

B

A. This shows that most people's understanding and concern of water pollution are on the surface, (by media, network and life experience) and they do not take the initiative to learn more about protect water resources.

B. People do not have strong enthusiasm for water pollution control. (Nearly 2/3 said they would not give advice to the authorities to protect water resources.)

water pollution.



Individual:

3. Most people do not throw garbage into the river, but if they are in daily life, people will unconsciously pollute the water resources.



A



B

4. Most people think that the water pollution in their area is mainly due to the waste water discharged from their lives. This shows that people in life rarely have the awareness—"Water pollution control is from their own."

Individual:

5. Personally speaking, some people may think that water pollution control is still **a matter of government**, and they need not to make some efforts. Maybe the degree of the water pollution is not as serious as Beijing's haze which will **endanger people's health immediately**, so **people's attention and enthusiasm is not very much**.

Individual:

Summary:

1. Most people do not have a deep understanding of water pollution and will not take the initiative to learn more.
2. Most people in life rarely have the awareness——
" Water pollution control is from their own."
3. The vast majority of people have a correct understanding of water pollution and water protection, but they can not match their correct value with their behavior.



Suggestions

Suggestions

Pay more attention to increase individuals' awareness of water protection

Make related laws and enforce the laws strictly.

Supervise water resources regularly.

Invent more efficient sewage treatment facilities.

Seek new water resources.

Business:



They are supposed to be forbidden from discharging waste water into the lakes and rivers.



Reduce water consumption.



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Individual:



Increase awareness of water protection.



Don't throw rubbish away everywhere.



Save water. Turn off the tap in time and do not keep water running when you don't use it.



Recycle water.



Revelation and vision

Revelation and vision

- ◆ Some people believe pollution is an inescapable result of human activity: they argue that if we want to have factories, cities, ships, cars, oil, and coastal resorts, some degree of pollution is almost certain to result.
- ◆ In other words, pollution is a necessary evil that people must put up with if they want to make progress.
- ◆ Fortunately, not everyone agrees with this view. One reason people have woken up to the problem of pollution is that it brings costs of its own that undermine any economic benefits that come about by polluting.

Revelation and vision

- ◆ Pollution matters because it harms the environment on which people depend.
- ◆ The environment is not something distant and separate from our lives.
- ◆ It's not a pretty shoreline hundreds of miles from our homes or a wilderness landscape that we see only on TV.
- ◆ The environment is everything that surrounds us that gives us life and health.
- ◆ Destroying the environment ultimately reduces the quality of our own lives—and that, most selfishly, is why pollution should matter to all of us.

Revelation and vision

- ◆ There is no easy way to solve water pollution; if there were, it wouldn't be so much of a problem.
- ◆ Broadly speaking, there are three different things that can help to tackle the problem—education, laws, and economics—and they work together as a team.

Our clean future

Life is ultimately about choices—and so is pollution.

We can live with sewage-strewn beaches, dead rivers, and fish that are too poisonous to eat.

Or we can work together to keep the environment clean so the plants, animals, and people who depend on it remain healthy.

We can take individual action to help reduce water pollution, for example, by using environmentally friendly detergents, not pouring oil down drains, reducing pesticides, and so on.

Our clean future

[We can](#) take community action too, by helping out on beach cleans or litter picks to keep our rivers and seas that little bit cleaner.

[And we can](#) take action as countries and continents to pass laws that will make pollution harder and the world less polluted. Working together, we can make pollution less of a problem—and the world a better place.



Thank you !