

A Questionnaire about the Disposal on Sewage Containing

Heavy Metals Ions

1. Your age: [Check Only One] [Required Question]
 - under 18 years old
 - 18 ~ 25 years old
 - 26 ~ 30 years old
 - 31 ~ 40 years old
 - 41 ~ 50 years old
 - 51 ~ 60 years old
 - over 60 years old

2. Your current career: [Check Only One] [Required Question]
 - full-time student
 - production personnel
 - sales personnel
 - marketing specialist / public relation practitioner
 - financial personnel / auditor
 - government personnel
 - technician / research and development personnel
 - administrator
 - teacher
 - other _____

3. Your educational background: [Check Only One] [Required Question]
 - junior school graduated or below
 - high school graduated
 - college graduated
 - bachelor
 - master or above

4. Do you pay attention to the news related to the domestic or industrial sewage? [Check Only One][Required Question]
 - Yes. I am very concerned about the news of this kind.
 - Occasionally. If it is included in the daily newspaper or news program, I will be interested in have a read or look.
 - Do not pay attention to if the sewage doesn't affect my life.

5. What do you think of the status quo of the industrial sewage disposal? [Check Only One] [Required Question]
 - Good. The implement and the supervision of national laws and regulations on the industrial sewage disposal are both in place. I am unworried.
 - Not too bad. But the industrial sewage disposal needs further regulation.

- Worrying. The industrial sewage disposal does not receive the strict regulation.
- I don't know.

6. Do you know the national laws and regulations related to the domestic or industrial sewage disposal? [Check Only One] [Required Question]

- Yes. I know some major laws clearly.
- I only have a common knowledge of the standard of the sewage disposal.
- I don't know.

7. Which aspect do you think is the most important in order to regulate the water pollution caused by the industrial sewage? [Multiple Check] [Required Question]

- to promulgate new laws on the industrial sewage disposal
- to improve the regulatory system furtherly
- to close factories with high emission
- to develop new techniques on the industrial sewage disposal
- other _____

8. Where do you think do the heavy metal ions causing the water pollution in city mainly come from? [Multiple Check] [Required Question]

- domestic sewage
- industrial pollutants
- vehicle emissions
- used batteries or other electrical equipment
- paints or other building materials
- other _____

9. Do you know the impacts of heavy metal ions on the human health? [Check Only One] [Required Question]

- Yes. I know most of the harmful impacts clearly.
- Partially. I only know that they will cause very serious hazards, but do not know them specifically
- Partially. I only know that they are harmful, but do not know how harmful they are.
- I don't know.

10. Do you know these current methods or techniques used for the disposal of sewage containing heavy metal ions? [Multiple Check] [Required Question]

- Chemical Sedimentation or Metal Replacement
- Direct Filtration (a physical method)
- biological methods
- I don't know.

11. Do you know the biological methods used for the disposal of sewage containing heavy metal ions? [Check Only One] [Required Question]

- Yes. I have a basic knowledge of them.
- I have heard of them, but do not know the specific information.
- I don't know.

12. What do you think of the biological methods used for the disposal of sewage containing heavy metal ions? [Check Only One] [Required Question]

- Promising. The 21st century is the century of biology, so biological methods shall have the great development.
- Worthwhile. Biological methods have advantages over other methods.
- Not worthwhile. It is with poor efficiency and high cost, so it cannot exceed physical or chemical methods.
- I have no idea.

13. How do you get the basic knowledge about the pollution caused by heavy metal ions? [Multiple Check] [Required Question]

- Internet or TV
- education from the school or community
- lectures or exhibitions
- books or films
- other _____
- I have never got any knowledge about it.

14. Which aspect do you want to know about the pollution caused by heavy metal ions? [Multiple Check] [Required Question]

- the sources of the heavy metal ions causing the pollution
- the hazards of heavy metal ions on the human health and other related medical information
- how to reduce the intake of heavy metal ions in daily life
- laws and regulations related to the pollution caused by heavy metal ions
- the methods used for the disposal of pollutant containing heavy metal ions
- other _____

15. Do you think it is necessary to take more efforts on publicizing the knowledge of the pollution caused by heavy metal ions? [Check only one] [Required Question]

- Yes, because seldom have I had the chance to know the related knowledge.
- Yes, though there was the publicity before, further publicity will benefit the regulation of the pollution more.
- No. The publicity before is enough.
- No. It is a waste of money and labors for further publicity.