

A Brief Talk on Environmental Detection in Environmental Protection Engineering

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Abstract: Under the current situation of economic development, people's awareness of environmental protection is becoming more and more important. However, in the process of rapid economic development, it has inevitably caused great damage to the ecological environment protection, and has a great negative impact on the construction of ecological cities. Based on this, in order to strengthen environmental protection and create a good ecological environment for people, it is necessary to attach importance to environmental protection projects, and environmental detection is particularly important. At present, the technology of environmental detection is also developing day by day. Many new technologies have brought a new atmosphere to environmental detection and provided accurate data for environmental protection projects, which have played a huge role in environmental protection projects. This paper mainly discusses and analyzes the environmental detection and application practice in environmental protection engineering, in order to bring reference and suggestions to relevant personnel.

Keywords: Ecological Environment Protection; Environmental Detection; Huge Impact; Application Practice

Introduction

At present, environmental protection projects pay more and more attention to the goal of "dual carbon" construction, and the environmental protection requirements of the whole industry are increasingly stringent. And for environmental protection engineering, its detection link is its key procedure. Environmental detection in environmental protection projects can well detect the pollution within the scope of engineering construction, which can urge enterprises to improve and optimize according to the problems related to environmental pollution, continuously improve environmental protection, and make good use of environmental detection in the practice of engineering construction. It will make greater contributions to our country's ecological and environmental protection work.

1. Status Quo of Environmental Detection

For China's construction and development, its environmental protection project is a long-term goal. No matter what kind of construction project, it is necessary to ensure that natural resources and the surrounding environment are not damaged, and then to achieve economic and social benefits. Only in this way, the whole society can develop harmoniously and the grand goal of ecological city construction can be truly realized. But at present, our environmental protection work is not perfect, its environmental detection work needs to be improved and optimized.

Based on the influence of human factors and system mechanism in China, there are still some limitations in the implementation of environmental detection work, which has a negative impact on the construction of environmental protection projects. For example, some units fail to carry out environmental detection in accordance with the scientific detection technology used in environmental protection projects, which hinders the smooth progress of environmental protection activities. For example, some enterprise leaders do not pay enough attention to the environmental detection work, or there is formalism, or adhere to traditional ideas, or excessive pursuit of economic interests do not pay attention to environmental protection. In this way, environmental pollution is bound to exist, if we do not pay attention to the smooth implementation of environmental detection work, it will bring a series of serious impacts to the society and enterprises. In the environmental protection work, due to the insufficient level of some technical personnel, or the old detection facilities have

not been updated, resulting in errors in the detection data, which cannot have a positive impact on the environmental protection work, resulting in the environmental detection work becoming a dummy, and its important role cannot be realized. Without scientific data support, environmental protection work and related research are at a standstill.

2. Application measures of environmental detection in environmental protection

2.1 Innovate environmental detection technology

At present, environmental detection work is of great significance for improving the effectiveness of environmental protection work. Relevant units should strengthen macro supervision and further improve environmental detection work, so that various personnel can carry out work in accordance with the relevant requirements of environmental detection, and coordinate with each other, so that environmental detection work can be effectively advanced. At the same time, the relevant detection units should also do a good job in the division of labor, and refine the responsibilities of employees, which can be carried out through performance appraisal and incentive system, so as to further implement the environmental detection work. At the same time, according to the relevant performance appraisal system, a corresponding disciplinary system can be implemented, and further agreements on employee behavior can be made, so that personnel in each department can perform their own duties, and do a good job of mutual cooperation in environmental detection.

At present, with the diversified development of the economic situation, the difficulty of environmental detection is gradually increasing. Relevant inspectors should innovate environmental detection technology, use information technology to innovate, improve their technical indicators, and make the operation of the environmental detection system more scientific. At the same time, it is necessary to continuously improve and optimize the environmental detection technology to make it gradually perfect and to play a better supervisory role. In recent years, our country's environmental detection technology has developed rapidly, and has achieved good results in the field of environmental protection engineering. But on the whole, there are still some deficiencies and defects. Some methods are too conservative. Based on this, relevant departments should change their concepts, innovate and reform detection technology, and establish an automated environmental detection mechanism, so that it can provide more accurate data, better perform environmental detection and supervision, and implement environmental protection work.

2.2 Establish an environment detection network

In environmental protection work, its data is highly time-sensitive and sensitive. Scientific and reasonable data can allow relevant personnel to better grasp the environmental pollution situation in order to take targeted measures. Based on this, relevant departments should attach importance to the integration of big data technology and build an information-based environment detection network system. At the same time, it is necessary to continuously optimize and improve the automatic detection network platform. In the governance, according to the local environmental conditions, it is organically combined with the local surface water, solid waste and air pollution, etc., so that real-time detection and automatic data can be synchronized to achieve comprehensive supervision. In the transmission of relevant data, intelligent big data network exchange can be carried out, allowing relevant departments to conduct centralized management and control. For the enterprises with serious pollution detected, the sources of pollution and the extent of pollution should be made public, and special personnel should be sent to spot check the data, so that their emissions of pollutants can meet the corresponding emission requirements, and their production emissions should be monitored and controlled in real time.

2.3 Increase financial support for environmental detection

Under the situation of rapid economic development, environmental pollution has become the most social issue that needs attention and attention. Environmental protection departments should be aware of the importance of environmental detection, and should continue to apply innovative environmental detection technologies to enhance environmental protection

awareness. Relevant departments should increase financial support for environmental detection, and continuously update environmental detection equipment to meet the development needs of the new era. At the same time, financing channels can be increased to allow social funds to be integrated into environmental protection work. Relevant departments should increase the publicity of environmental protection, so that the public can improve the awareness of environmental detection. In view of various outstanding problems in environmental protection, the public should be aware of their harmfulness and the importance of ecological development, so as to avoid environmental pollution to the greatest extent, so as to build ecological civilized cities and towns.

In the implementation of environmental protection work, relevant departments should strengthen capital investment, and assign special personnel to be responsible for fund management and distribution, find pollution sources with innovative environmental detection methods, and take scientific measures to solve them. At the same time, it is necessary to improve the efficiency of environmental management, strengthen the innovation and effective application of environmental detection technology, standardize various behaviors, and make environmental protection work truly implemented. The economic and social development of our country requires the participation of the whole people and the common emphasis on environmental protection and environmental detection. Only in this way can we achieve sound economic development and ensure the ecological and environmental protection of various behaviors.

2.4 Formulate comprehensive environmental regulations

For environmental protection, the construction of a scientific and sound legal system is essential. Its scientific construction can not only improve the work efficiency of environmental protection, but also improve the management ability. At the same time, it is necessary to scientifically formulate corresponding environmental protection systems and rules to promote the full implementation of environmental protection work. When formulating environmental protection regulations and systems scientifically, it is necessary to continuously improve the management system of environmental protection regulations based on local conditions. At the same time, it is necessary to continuously strengthen the role of environmental detection, implement scientific management and control of related enterprises, strictly control the pollutant discharge of enterprises in the region, and improve the professional level and professionalism of relevant personnel to improve the efficiency of environmental detection. When planning local environmental protection projects, it is necessary to organically combine with the local natural resources and geographical environment, and carry out scientific planning and design to eliminate environmental pollution to the greatest extent and ensure the ecological and environmental protection of the construction.

2.5 Improve water quality detection indicators

In the implementation of environmental detection work, relevant personnel should continuously improve environmental detection indicators, and urge enterprises to solve related pollution phenomena. In addition, it is necessary to carry out scientific management of personnel, so that the behavior of relevant personnel can be continuously standardized, which can provide a basis for environmental detection decisions. At the same time, environmental protection units should scientifically analyze various problems in environmental management, find out the root causes, and optimize and improve them. At the same time, in the environmental detection, it is necessary to extract the water quality samples of the engineering construction, combine the detection points, adopt the corresponding detection equipment, and carry out in the corresponding detection system and standardization, so as to ensure the scientific nature of equipment detection, which is a convenient operation. In addition, the number of withdrawals must be specified. In environmental detection, relevant personnel should strengthen exchanges and communication, and deal with relevant pollutants in a timely manner, so as to implement environmental detection work in place.

When implementing environmental detection work, relevant personnel should conduct accurate analysis according to the state of the water environment, clarify the detection indicators, and conduct detection according to corresponding standards. Environmental detection technicians should continuously strengthen their own skills and professionalism, conduct scientific analysis on relevant water quality issues, and provide more accurate data for environmental detection. At the same time,

relevant personnel must have environmental protection awareness, strengthen the application of modern detection technology according to the water pollution situation, and standardize the detection behavior of corresponding personnel to adapt to the changing needs of environmental protection work.

3. Conclusion

All in all, in environmental protection engineering, the importance of environmental detection is self-evident. In order to promote the positive development of environmental protection projects and enhance environmental protection efforts, relevant departments should invest more funds, cultivate better detection teams, and maximize the important role of environmental detection, so as to promote the rapid development of environmental protection work in our country.

References

- [1] Liu XD. The role and impact of environmental testing in environmental protection [J]. Private Science and Technology, 2020(1): 221.
- [2] Xiao Y. Reflection and development of environmental inspection and management mechanism [J]. Chemical Management, 2020(21): 154.
- [3] Liu W. Research on the role of environmental testing and environmental protection measures [J]. Building Materials and Decoration, 2020(11):114-115.