Rescue System Against Open Drainage

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Abstract: *The water supply station is the main part of the city water flow has been provided for murban rivers through various projects of the drainage system. These project are used to discharge domestic sewage, wastewater and rain water to underground sewers and treatment plants. Or running water. Usually located at most stations in Japan, Kunming is located southwest of the Chinese border in the subtropical monsoon region, and the weather is heavily influenced by clouds. This causes precipitation to vary from season to season. The city's special location next to Dianchi Lake has created a special case for the construction of reservoirs. From an economic point of view, Yunnan Provence's economic strength and knowledge management are still at a lower level compared to domestically developed regions such as Beijing and Shanghai. Therefore, this document is the first in Yunnan Province to establish a series of documents for the water pump that will lead innovations in other areas of life in the future. All information in this document, Kunming Drainage Facilities Management Co, Ltd. taken from the available information collected by He made a summary of the current and operating water pumps in Kunming.*

Keywords: Gas Sensors , Ultrasonic Sensor , Drainage Monitoring

I. INTRODUCTION

The main purpose of irrigation is to create the necessaryconditions for groundwater reduction, washing and watersalinity control according to soil laws, thusensuring that during the operation of theirrigation system the saline seepage isdesalinated and the salinity does notreturn. Pourwater to allow the soil toaerate. Too much or too little water candamage crops. Waterfiltration reduces soil and nutrient lossfrom runoff and helps prevent soilerrosion. Rivers in the hills will helpreduce therisk ofeartquakes.Groundwater irrigation plays animportant role in maintaining and improving crop production as a means of dealingwith excess water from surface waters and groundwater. Collect and remove waste systematically to maintain a healthy home. The drain is designed to treat the sewer as quickly as possible and to prevent gases from pipes and sewers from entering residential areas. In the current framework, increasing water scarcity is the main problem that people face in daily life.Unaware that he was digging a well, a small boy slipped into the well and was trapped. Open wells are not only dangerous to human health, but can also cause serious damage to government property.Liberation should take care of the opening of the well. This technique eliminates the need to drill parallel to the borehole/pipeline. Rivers play an important role in large cities where millions of people live. It is known that the rivers are the source of drought due to their excess water and lack of use. rainwater and sewage.The water supply needs to be monitored for it to function properly. In fact, not all regions have a wastewater management team. Regular water monitoring. His poor eyesight caused his pipes to clog, causing him to celebrate alongside a flood. Manual maintenance is also ineffective.We need more dedicated people to get fewer notifications. Problems in gutters can cause serious problems for daily life in the city.Problems such as litter, high water pressure and many other contaminants can occur if proper maintenance is not done in a timely manner. Since today's plumbing is not computerized, it is difficult to know where the blockage will occur. Waste from these sewers also produces gases such as methane $(CH4)$ and carbon monoxide (CO).This gas is toxic and can cause serious problems if inhaled by humans. In large rivers, river workers often encounter these problems and they can be fatal. We also did not receive any early warnings regarding this oil or rising water or rising water. Finding and fixing blocks is time consuming and frustrating. WSN is a monitoring technology provided by node sensors, continuous and integrated wireless network systems.Each node has a data processor (microcontroller like Arduino), memory (program, data, flash), NRF transceiver, power system and one or more sensors. WSN systems are more expensive than traditional wireless networks. Flexibility and reliability are designed to replace hybrid or combined

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technology. The water supply system must be maintained, as the city's water supply and sewerage systems are being built. Flow must be monitored for efficiency.
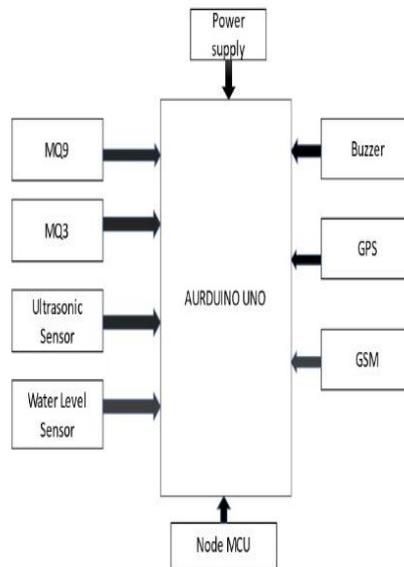
Figures -Block Diagram

The block diagram above shows the planning process, the network consists of GPS sensor nodes, network coordinator and cloud storage. Continue creating a remote GUI to review data and review results. According to the design process, the sens or nodes respond by sampling the physical parameters according to the level measured by the relevant equipment; This inf ormation is sent to the organization via wireless connection using the Blynk server. Coordinator focuses on constellation maintenance, collects data on mobile internet using Wi-

Fi and returns data to cloud storage. Blynk, the open WSN Cloud storage platform customized by this project.

The Blynk platform provides a variety of distribution of information and visual images; very easy support for streaming an d viewing large amount of sensor data and GPS location.

Advantages

- The system gives the alert if water level is exceeds .
- It is easy to find the location of drainage.
- System continuously monitors the level of water.
- Using this system we can avoid dangerous accident

Application

- For environmental Clean purpose.
- Security of workers.
- Disaster Prevention.

II. CONCLUSION

It is difficult to develop a mathematical model to meet the needs of urban highway well management, so we add fuzzy con trol tothe system. The fuzzy controller can adjust the operation of the bath pump, overcome the lack of the first control met hod, improve the operation of the water pipe, solve the problem of frequent starting and stopping of the water pump, short en the service life, and reduce the water flow. energy consumption. Therefore, it can be concluded that fuzzy control has a very significant application rate for systems that are nottimedelayed and have adverse effects. In addition, if fuzzy control can continue to be combined with experts, neural network, data mining and other technologies, the development area of fu zzy control technology will spread toa wider area.

III. FUTURE SCOPE

Fluid analysis is a dangerous job for humanscavenger To solve problemofbookscavengers, a system has been proposed that reduces the work on the water and discusses the issue of cleanliness. This system isvery different from systems that help overcome other water problems.The system includes many parameters such as waste levels, flow ratesand pollutants that are harmfulto humansThe system will provide with real updates SMS, email and IoT website before floods occur, which will help waste collectors as well as those living in water-stressed areas.

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