



POLLUTION OF WATER AND HUMAN HEALTH



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ABSTRACT

It is necessary to understand water and water problems in general, that it is necessary to understand the importance of world water carefully and wide; His generation, sources and attributes Explainitto human life.

KEYWORD : Pollution, Water, Human, Health

INTRODUCTION

When unwanted substances enter water, water pollution, water quality change and environmental and human health are harmful. Water is an important natural resource for drinking and other developmental purposes in your life. Safe drinking water is essential for human health throughout the world. Being a universal bankrupt, water contamination is a major source. 80% of World Health Organization (WHO) are under water. Drinking water in different countries does not meet WHO standards. 3.1% of the deaths are due to clean water quality and poor quality.

Due to the depletion of domestic and industrial polluted wastes, water tanks leakage, marine dumping, radioactive waste and atmospheric accumulation are the main reasons for water pollution. Clogging and industrial waste which can be combined in the main pool and river proves harmful to humans and animals. Toxic substances in industrial waste are the main causes of immune repulsion, reproduction failure and acute poisoning. Infectious diseases, gastroenteritis, diarrheal, vomiting, skin and kidney problems are spread through polluted water due to cholera, typhoid fever and other diseases. Direct loss of plant and animal nutrition is affected by human health. Water pollutants are destroying sea, nausea, sea birds, fish, crustaceansimportance to human life. This part is dedicated to study various aspects of water and dedicate its importanceand other marine life, which serve as food for men. Pesticides like DDT concentration are increasing with food chain. These pesticides are harmful to humans.

CAUSES OF WATER POLLUTION:

Water pollution is the result of various causes. There are three major sources of water pollution, agriculture, industry pollution. In the field of study, water pollution was largely done from home and agriculture instead of industry.

1. Population density high
2. Ground water pollution due to drilling activities
3. Waste dumped into water from industries
4. During the rainy season flooding, which carries waste deposit into water
5. Disposal of Toxic Waste at river
6. Urbanization
7. Pesticides and Fertilizers

It has been found that 75 to 80% water pollution is due to domestic sewage. Garbage pollution is taking place in industries like sugar, cloth, electroplating, pesticides, pulp and paper. The polluted river has unbearable odor and has fewer plants and animals. 80% of the world's people are in danger of water security. The large- scale domestic sewage is removed in the river and most sewage is not treated. Household sewage contains toxic substances, solid waste, plastic litter and bacterial contaminated components and these poisonous substances contain water pollution. Various industrial pollution in the river without treatment is the main cause of water pollution. The disadvantaged Hazardous Substances from the industries are responsible for the surface of the land and the pollution of the land. Contaminated components are dependent on the nature of the industry. Toxic metals enter the water and reduce water quality. 25% is due to the pollution industry and is more harmful. The growing population is making many problems but it also plays a negative role in polluting the water, increasing population growth in intensive waste production. Solid and liquefied waste is removed in the rivers. Water is also contaminated by human immersion. In contaminated water, large amounts of bacteria are found, which is harmful to human health. Government is unable to provide citizens with essential needs because of population growth. In rural areas urban cleanliness facilities are high. Polythene Bags and Plastic Waste is a major source of pollution. They should be kept in plastic bags. It is estimated that three core people in the city remain open. 77% of people are using a flush toilet and 8% are used for patt latrine. Urbanization can lead to many infectious diseases. Dangerous, sterile, unsafe drinking water are the major health problems in urban areas. One fourth of the urban population is prone to disease.

Pesticides are used to kill bacteria, pests and various diseases. Pesticides containing pollutants directly pollute water and affect water quality. If insecticides are in excessive or poor management then it can be dangerous for agricultural environment. Only 60% of the fertilizers are used in the soil, so that the water contains other chemicals in polluted soil, the cyanobacteria is rich in polluted water and eutrophication occurs after the extra phosphate is over. Due to flooding, heavy rainfall, excessive irrigation and exposure to food products, chemical reactions of water from the river are mixed. These chemicals are deadly for life and many vegetables and fruits are contaminated with these chemicals. Water pollution is also used to find medicines in water, and it is dangerous for human health.

WATER POLLUTION EFFECT ON HUMAN HEALTH:

There is a big deal of pollution and health problems. Diseases that cause micro-organisms are known to be pathogenic and these pathogenic humans are spreading disease among themselves directly. There are some pathogens in the world that are found in distinct areas. Many watery diseases spread on the human. Heavy rains and floods are associated with extreme weather and create various diseases for developed and developing countries. 10% of people depend on food and vegetables grown in contaminated water. Many water-infectious infectious diseases are related to water pollution of water sources and as a result there is a trickle-way of infection. Health risks related to contaminated water are various diseases like respiratory disease, cancer, diarrhea, neurological disorder and cardiovascular disease. Nitrogen chemicals are responsible for cancer and blue baby syndrome. In urban areas urban areas have higher mortality due to cancer, because urban residents use drinking water, whereas rural people do not have treated water and unused water is used. Inappropriate cleanliness, cleanliness, and water supply can pose a risk to poor people. Women who have been exposed to chemicals during pregnancy in the contaminated environment have major negative effects; As a consequence of the resultant fetal health, low birth weight increases. Bad

quality water destroys crop production and infects our diet which is dangerous for reservoirs and human life. Pollutants thrive on food chain and heavy metals, especially the iron-fish respiratory system. Fish tablets have an iron peak, and they are dead to fish, when these fish are eaten by humans, they go to the main health problem. Metal contaminated water leads to loss of hair, liver cirrhosis, kidney failure and neural disorder.

DISEASES OF BACTERIA:

Unused drinking water and water pollution cause diarrheal. Campylobacter Gezuni Worldwide diarrheal spreads from 4% to 15%. Fever, abdominal pain, nausea, headache are the main symptoms of diarrheal. The use of good hygiene and antibiotics can prevent this disease. Contaminated cholera is caused by contaminated water. Vibrio cholera is responsible for this disease. This bacterium creates a virus in the digestive system. Symptoms of this disease Diarrheal dehydration and kidney failure due to water born diarrheal, nausea, vomiting and water. Anti-microbial treatment is used to cure this disease. Shiglosis is a bacterial disease caused by shield bacteria. It affects the digestive tract of human and damages the inside damage to the intestine. Watery or bloody diarrheal, abdominal obstruction, vomiting and nausea are symptoms, and they can be cured due to antibiotics and good hygiene habits. Salmonellosis infects the intestinal tract. Salmonella bacteria are found in contaminated water and this causes inflammation and often death. Antibiotics are prescribed for this disease.

DISEASE OF VIRAL:

Infectious mosquito bites Culex mosquitoes spend their eggs in contaminated water. Most people do not show any symptoms, but some symptoms are affected by headache, high fever, muscle rashness, acidity but severe cases of coma and paralysis. There is no vaccine available for this disease. Poliomyelitis is responsible for the virus polioemiiitis. Throat, fever, nausea, constipation and diarrhea, and occasional paralysis are symptoms of poliomyelitis. Vaccine is available for this disease. Gastroenteritis is caused by various viruses including rotavirus, adenovirus, calcivirus and nervavak virus. Gastroenteritis symptoms are vomiting, headache, and fever. Symptoms appear after 1 to 2 days of infection. Illness can be dangerous for infants, young people, and people with disabilities.

PARASITIC DISEASES:

Cryptosporidiosis is a parasitic disease caused by cryptosporidium parvum. Diseases, loose or waterborne, stomach and uncomfortable stomach are the diseases and symptoms all around the world. Cryptosporidium is resistant to sterile and affects the immune system and is the cause of diarrhea and vomiting among humans. Galloping amoeba is caused by immuno-histolytica and affects the lining of the stomach. This parasitic uses cyst and non-syst form. When the symptom is found in contaminated water, it is infected and it is swallowed. Symptoms are diarrhea, like heat, cold and water. According to WHO, diarrhea cases are around 4 billion and this results in 2.2 million deaths. The giardiasis is caused by the giardia lamblia. Internal internal cells can be harmed. Giridia is a winter temperature and disinfectant. Occasionally it is known as migratory disease. People with gerditis have symptoms of swelling of symptoms, excessive gas, diarrhea in water and weight loss.

CONCLUSION:

Water pollution is a global problem and the global community has to face the worst results of polluted water. The main source of water pollution is the use of domestic and agricultural waste, population growth, greater use of pesticides and the use of fertilizers and urbanization. Bacteria, viruses, and parasitic diseases are spread by polluted water and affect human health. It is recommended that proper waste should be properly drained and used in the waste before entering the river. It is necessary to organize educational and awareness programs for pollution control.

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