
Legal Responsibilities' of Water Purification Companies in Afghanistan its impact on Climate Change

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ABSTRACT

The article aimed the rise of water purification companies in Afghanistan, which use chemical-based methods to purify natural water sources. These companies distribute purified water to the local community, reducing the need for deep well excavation in residential and governmental areas. This practice is crucial for health promotion and ensuring safe and reliable water resource utilization, ultimately safeguarding the well-being of individuals. The research methodology employed in this study is characterized as a field-based descriptive research approach. To analyze the collected data, a questionnaire was administered to gather the perspectives of two distinct groups: university professors and health workers. Subsequently, the comments provided by these individuals were subjected to thorough analysis. The research findings indicate that when these companies operate in remote areas encompassing rivers and water bodies, particularly by implementing surface water purification measures, the preservation of underground water sources can be achieved. Furthermore, this approach leads to a reduction in human expenses related to water management. Consequently, these companies can fulfill their responsibilities to both individuals and the government in a manner that promotes public health, while also contributing to climate-conscious water conservation efforts. Afghanistan's water purification companies are tackling issues like contaminated drinking water, health concerns, water scarcity, and climate change by promoting clean water, responsible usage, and sustainable resource use. Companies should adhere to water purification regulations, collaborate with government for sustainable management, implement conservation measures, reduce environmental impact, increase public awareness, invest in research, and improve operations.

Keywords: *Chemical-based approaches, Health promotion, Safe utilization of water resources, Surface water purification, Water purification companies*

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1. INTRODUCTION

In Afghanistan, the prevalent practice of utilizing contaminated drinking water from wells and substandard reservoirs has resulted in the emergence of numerous societal health issues and ailments. However, with the advent and integration of industrial and technological machinery within the country, certain individuals have embarked upon activities that are regarded as forms of social and public service. These activities not only hold economic significance for these individuals but have also gained substantial traction in Afghanistan due to the evolving political, economic, and social relations between Afghanistan and other countries worldwide. Consequently, this concept has witnessed significant growth and continues to flourish within Afghanistan. The rapid pace at which this process is unfolding has led to a considerable number of individuals engaging in these water purification companies throughout the country, actively pursuing their endeavors. The central focus of this discussion and article pertains to the legal obligations incumbent upon these companies with regard to individuals, society, and the climate in Afghanistan. These legal responsibilities necessitate the provision of clean water to individuals within the society, thereby prompting the adoption of necessary measures for water conservation and storage. Concurrently, these companies' activities have engendered noteworthy climate-related changes, curbing the unnecessary consumption of water while promoting the utilization of clean water within the prevailing climate conditions. Consequently, the Afghan environment has witnessed improvements characterized by cleanliness and orderliness. Another noteworthy aspect is the populace's protection against the use of impure water, wherein water sources are judiciously employed, and purification involving chemical substances such as sodium, potassium, and other agents is undertaken to ensure the delivery of quality water services to citizens. These companies bear the responsibility of diligently attending to their obligations, thereby fulfilling their legal duties within society while simultaneously upholding their climate-related responsibilities. In times of water scarcity, they store a substantial quantity of water, which is subsequently utilized by individuals across households, hotels, shops, markets, stores, offices, and other settings, thereby significantly contributing to the mitigation of water scarcity concerns within the climate.

1.0 Water Purification Companies

Water purification companies in Afghanistan have legal obligations to respect, protect, and fulfill the right to water, as derived from national legal orders and international human rights treaties. These obligations are separate from the responsibility of state governments and should not undermine state obligations to observe the human right to water. Corporations can play a role in the realization of the right to water by ensuring access to clean and safe water, avoiding activities that deny access to water or increase water prices without warning. The responsibility of corporations can be based on national law, international human rights treaties, and corporate codes of conduct³. Water purification companies in Afghanistan have legal obligations to ensure that their activities do not contribute to climate change. The Principles on Climate Obligations of Enterprises provide a set of legal principles that articulate clear obligations for enterprises to address climate change⁴. Climate change in Afghanistan has adverse effects on water resources, agriculture, forests, and the environmental landscape, making it crucial for water purification companies to mitigate these impacts⁵. The outdated water treaties in Afghanistan need to be renegotiated to reflect changing international water law and establish scientific understandings in light of climate change⁶. New water law in Afghanistan has been developed to address sustainable water use, but treaty negotiations are yet to begin due to past failures and water constraints⁷. It is important for water purification companies to comply with these legal frameworks to ensure environmental sustainability and avoid conflicts related to water resources⁸. Water purification companies in Afghanistan can reduce their carbon footprint and contribute to climate change mitigation through several methods. Firstly, conducting a Life Cycle Assessment (LCA) can help quantify the environmental impacts of water treatment plants and identify areas for improvement⁹. This assessment can highlight the stages of the life cycle that contribute the most to carbon emissions, such as the construction stage¹⁰. Secondly, implementing renewable energy sources, such as solar energy, can reduce the reliance on fossil fuels and decrease

³ Akhtar, I. (2024). The Significance of International Cooperation on Climate Change Mitigation in Afghanistan. *Nangarhar University International Journal of Biosciences*, 3(02), 456–459.

⁴ Benjamin, L. (2021). Principles on Climate Obligations of Enterprises by the Expert Group on Global Climate Change (2nd edn). *Journal of Energy & Natural Resources Law*, 40, 397 - 402.

⁵ Mehrad, A.T. (2020). Assessment of climate change impacts on environmental sustainability in Afghanistan. *E3S Web of Conferences*.

⁶ Shroder, J. F. (2014). Afghanistan Water and Climate Change. *Natural Resources in Afghanistan*, 504–522.

⁷ Wegerich, Kai. 2010. The Afghan water law: a legal solution foreign to reality? *Water International*, 35(3):298-312.

⁸ Islam, Md. (2022). Environmental Obligations in International Watercourse Law and South Asian Practice. *Dhaka University Law Journal*. 132-151.

⁹ Benjamin, L. (2021). Principles on Climate Obligations of Enterprises by the Expert Group on Global Climate Change (2nd edn). *Journal of Energy & Natural Resources Law*, 40, 397 - 402.

¹⁰ Mehrad, A.T. (2020). Assessment of climate change impacts on environmental sustainability in Afghanistan. *E3S Web of Conferences*.

carbon emissions¹¹. Additionally, exploring alternative scenarios, such as using grid electricity or improving end-of-life waste treatment, can further reduce environmental impacts¹². Finally, promoting transparency and cooperation in trans-boundary water management can help avoid conflicts and promote sustainable water use in the face of climate change¹³. By implementing these strategies, water purification companies in Afghanistan can play a crucial role in reducing their carbon footprint and contributing to climate change mitigation.

3. Materials and Methods

This study adopts a field-based on qualitative and descriptive approach, employing 69 interview questionnaires to gather the perspectives of two distinct segments of society: university professors and health workers. These collected opinions were subsequently subjected to descriptive and content analysis to derive meaningful insights.

4. Results

4.1 Legal responsibilities of water purification companies toward the government.

The legal obligations of water purification companies towards the government are a subject of importance and inspection. The Constitution of Afghanistan, 2004, Article 15 Environment mandates the state to implement measures to protect forests and the environment¹⁴. These companies bear distinct legal responsibilities to both the government and individuals within various regions, and their involvement in addressing climate change has been the subject of investigation. Firstly, a majority of academics hold the view that water purification companies have legal obligations towards the government. Compliance with these obligations would serve as a significant contribution to environmental protection and the preservation of the vital resource of water. Adherence to laws and regulations, particularly those encompassed within the environmental protection law, assumes a critical role in safeguarding the Afghan environment. Consequently, these companies are expected to conduct their activities in accordance with the provisions outlined in this legislation. Secondly, these companies play a pivotal role in raising public awareness regarding the importance of clean water. By providing purified water, the need to utilize other water sources that may be contaminated with microbes is eliminated. Beyond their commercial pursuits, these companies actively engage in initiatives aimed at promoting awareness of the benefits of using treated water. The Environmental Law of Afghanistan, 2007, article 34 mandates the protection, conservation, development, use, control, and management of water resources, emphasizing the

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¹³ Akhtar, I. (2024). The Significance of International Cooperation on Climate Change Mitigation in Afghanistan. *Nangarhar University International Journal of Biosciences*, 3(02), 456–459.

¹⁴ Afghanistan. Const. art. 15, (2004)



importance of protecting aquatic ecosystems and reducing pollution and degradation¹⁵. This multifaceted approach serves to increase public consciousness and encourage the widespread adoption of clean water practices. Thirdly, the coordination of the state in mitigating water wastage is a crucial aspect to consider. Currently, the usage of water in various establishments such as mosques, madrasahs, schools, markets, and factories lacks proper monitoring and regulation, resulting in indiscriminate and unquantified utilization. In cases where excessive water usage and wastage are observed in specific locations, it is imperative for these companies to promptly inform the government to address the issue and prevent further wastage. Such wastage can have detrimental consequences for both the water levels of these companies and the overall environment, leading to numerous defects and damages. Fourthly, the timely payment of government taxes adopts paramount importance for these companies. By operating officially and playing a crucial role in climate-related matters, it is essential that they fulfill their tax obligations to the government. This enables the government to assess the quantity and quality of services provided by these companies, determining their effectiveness in benefiting society. In return, the government can offer necessary facilities to support these companies, allowing them to carry out their activities unhindered and transparently, without facing any legal repercussions. Fifthly, it is advisable for these companies to maintain a government guarantee in a bank. Some of these companies may be temporary in nature and lack stability. Therefore, it is prudent for them to secure a government guarantee, providing reassurance to stakeholders and ensuring their financial viability. By holding a government guarantee in a bank, these companies can enhance their credibility and instill confidence among their partners and customers. Sixthly, it is crucial for water purification companies to establish and maintain large-scale water storage facilities. This is particularly important due to the adverse effects of climate change, such as reduced rainfall and snowfall, which can lead to a decline in water levels. By ensuring they have the necessary infrastructure and resources, these companies can prevent delays or disruptions in their services and ensure the timely delivery of water to the citizens. Seventhly, given the significance of water in the context of climate-related issues, it is imperative for these companies to collaborate with the government in areas such as water filter materials, accessories, and environmental initiatives. By actively cooperating and responding to government requests, these companies can contribute to the overall efforts in addressing water-related challenges. Eighthly, if government departments require treated water from these companies for their various activities, it is important for these companies to provide the services at the appropriate price and within the specified timeframe. Moreover, their services should adhere to established standards and principles

¹⁵ Afghanistan Environmental Law, art 34 (1-2). (2007)

set by the competent authorities to ensure quality and consistency. Ninthly, while water purification companies often deliver their services to institutions and other entities based on demand, it is essential for the government to fulfill its obligation of providing necessary transportation. Adequate transportation infrastructure is necessary to ensure the timely and efficient delivery of services by these companies. A survey conducted among health workers have examined the legal obligations of water purification companies towards the government. The following obligations were identified: Firstly, Government-established laws and regulations are crucial for companies in the water purification industry to ensure safety and efficiency in their operations. Secondly, it is imperative that the chemicals utilized in water purification processes are applied in appropriate quantities. This ensures that water is effectively treated without causing any harm or adverse effects to the environment or public health. Thirdly, water purification facilities should maintain an environment that is not excessively complex or confined. The facilities should provide adequate ventilation, entertainment options, and maintain cleanliness. These factors contribute to a healthy and conducive environment for both workers and the treated water. Fourthly, the water supplied to the market for customers should be fresh and not stored for an extended period. This ensures that customers receive water that meets quality standards and is free from potential contaminants. Fifthly, water purification companies must pay close attention to the requirements imposed by government supervision. This includes adhering to hygiene practices, such as using clean utensils, to prevent the transmission of diseases and maintain public health standards. Compliance with these requirements is essential for ensuring the safety and well-being of consumers. In analyzing the perspectives of scholars, it is observed that they have expressed opinions on the legal responsibilities of water purification companies, which are elucidated as follows: Firstly, scholars emphasize the critical significance of water as a vital resource for humanity. They assert that these companies, being actively engaged in water-related activities, bear a heightened responsibility towards its protection and preservation. Scholars argue that these companies should prioritize cleanliness and hygiene, as these aspects are considered fundamental components of faith and play a crucial role in meeting the urgent societal need for clean water. Neglecting these aspects not only undermines the societal need but also contradicts the principles and values associated with these companies' involvement in water purification. Secondly, scholars highlight the importance of avoiding extravagance in water usage. They emphasize that this issue extends beyond mere commercial considerations and carries religious implications, as extravagance is prohibited in all legitimate actions. Therefore, scholars in this field assert that the use of clean utensils not only contributes to personal character and integrity but also promotes cleanliness within society at large. In summary, scholars emphasize the significance of water and its protection, urging water purification companies to prioritize cleanliness and hygiene.



They also emphasize the prohibition of extravagance in water usage, emphasizing the importance of using clean utensils to enhance personal character and integrity while fostering a clean society.

4.2 Legal responsibilities of water purification companies to individuals

The Environmental Law of Afghanistan, 2007, article 7, establishes and registers civil society organizations that promote sustainable resource management, environmental conservation, and rehabilitation¹⁶. The companies bear responsibilities towards individuals as their services directly impact people's lives. In the analysis conducted, academics examined the legal obligations of these companies towards individuals. The findings are as follows: Firstly, it is the responsibility of these companies to provide purified water to individuals at a reasonable and affordable price. The aim is to ensure equal access to clean water for all individuals, without discrimination based on factors such as abundance or scarcity. The quantity of materials used in water purification should dictate the size and shape of water supply. Prioritizing the health and well-being of individuals is of utmost importance, and practical actions should be taken to fulfill this obligation. Secondly, the companies have an obligation to extract water from rivers, streams, groundwater sources, and other natural reservoirs in a manner that instills confidence in individuals regarding the natural origin of the water. Additionally, measures should be implemented to protect these water sources to ensure their sustainability and availability. Thirdly, it is a significant obligation for these companies to value the thoughts and opinions of members of society. By taking into account the constructive feedback and suggestions from individuals, positive changes can be made in the companies' activities that benefit society as a whole. In summary, water purification companies have legal responsibilities towards individuals. These include ensuring equitable access to purified water at an affordable price, extracting water from natural sources while implementing protective measures, and actively incorporating the feedback and opinions of individuals to improve their operations in a manner that benefits society.

As well, The Environmental Law of Afghanistan, 2007, Article 9, mandates the National Environmental Protection Agency to perform specific functions and powers such as government is responsible for maintaining environmental integrity, promoting sustainable resource use, and coordinating environmental affairs at local, national, and international levels. They develop policies, manage services, implement agreements, and coordinate monitoring programs¹⁷. A notable proportion of health workers, comprising and hold, the view that water purification companies bear significant and healthy responsibilities towards the public. These responsibilities encompass the

¹⁶ Afghanistan Environmental Law, art 7, cl. 2. (2007)

¹⁷ Afghanistan Environmental Law, art 9. (2007)

following aspects: Firstly, it is imperative for these companies to conduct medical examinations to assess the usage of chemical substances. Such examinations are crucial in preventing potential harm to individuals, as the consumption of contaminated liquids can facilitate the transmission of diseases. By ensuring the safety of the chemical substances used, the risk of adverse health outcomes can be mitigated. Secondly, a key consideration for individuals is the provision of employment opportunities within these companies. This allows qualified professionals, particularly those who have graduated from medical departments, to contribute their expertise. The testing of water quality by these professionals prior to its distribution in the market assumes paramount importance. Furthermore, raising public awareness regarding the significance of clean water usage is an essential obligation. Many individuals still rely on polluted water sources, highlighting the urgent need for education and awareness campaigns. Thirdly, it is crucial for water purification activities to be conducted in close proximity to people's residences and households, while minimizing disruptions to their daily lives. This approach fosters community confidence and trust in the operations of these companies. Additionally, efforts should be made to provide employment opportunities to those individuals who currently lack work prospects, thereby enabling the creation of new avenues for economic participation. In summary, a substantial proportion of health workers assert that water purification companies possess crucial obligations towards the public. These include conducting medical examinations to ensure the safety of chemical substances, providing employment opportunities for qualified professionals, raising awareness about clean water usage, conducting activities in close proximity to residences, and creating job opportunities for individuals in need.

4.3 The role of water purification companies in climate change

A considerable portion of the scholars participating in this study have expressed their views on the contribution of these companies to the field of climate change. Thus far, these companies have been operational in Afghanistan, employing methods that are not considered professional or standard, particularly in areas where the water level is lower than that of rivers and reservoirs. This exacerbates the issue as it is known that rising temperatures are closely associated with climate change. Consequently, water scarcity worsens, leading to increased drought conditions, and ultimately, irregular heavy rainfall and floods, which serve as evident manifestations of climate change in Afghanistan during the 21st century. Moreover, these companies play a significant role in the purification of groundwater, effectively purifying it before distributing it to the citizens for various purposes. Consequently, there is no lack of water within the community. The absence of adequate water resources can have severe repercussions on Afghan society, given that Afghanistan is one of the most vulnerable countries on the continent. An alternative approach that can be adopted by these companies is to utilize water from rivers, springs, and canals instead of relying solely on



groundwater sources. By subjecting this water to the purification processes, these companies can partially mitigate the risk of water scarcity in the region. This strategy is advantageous as underground water sources are relatively safer, while flowing water has undergone a natural purification process. Additionally, it is crucial for these companies to align their operations with the public policies and regulations set forth by the country to effectively control and prevent waste, ensuring that their activities do not have detrimental environmental impacts. The issue of climate change is a contemporary and significant concern, given the prevailing global trends of rising temperatures and water scarcity. Afghanistan, being a mountainous country, frequently experiences significant rainfall during the summer season. Hence, if these companies prioritize the use of snow as an alternative to groundwater during the summer months, it would help maintain a healthy water supply throughout the season, prevent a decline in water levels, and minimize adverse effects on the surrounding air quality. These companies bear significant responsibility in addressing climate-related concerns by ensuring the provision of clean water to the community, thereby safeguarding individuals from diseases, pollution, and the use of contaminated water. Furthermore, if these companies extend their operations to coastal areas of the city, the community would be relieved of the challenges associated with accessing clean water through groundwater sources. Moreover, these companies play a substantial role in addressing climate issues by promoting the use of water bottles as a means to reduce excessive water consumption, this cultural shift toward minimizing water waste would help prevent unnecessary water usage in public spaces. Additionally, these companies have a role to play in raising awareness about the transmission of diseases through the use of water containers and providing guidance to offices, shops, and other government and private institutions. Encouraging the use of water bottles, instead of water containers, is essential in the context of climate change, as they should actively promote the proper and responsible use of water among people from all walks of life. According to the conducted survey, the health workers expressed the belief that these companies employ chemical-based approaches in water purification to address the impacts of climate change and provide treated water to the community. It is crucial for these companies to ensure the cleanliness and regularity of the water bottles used by citizens to prevent the occurrence of diseases. In the context of climate change, it is advisable for these companies to carry out their activities away from residential areas. This precautionary measure is important as the contamination of these companies' wells by the wastewater of nearby households can lead to the spread of incurable diseases, causing significant harm to society. Moreover, these companies have a responsibility to promote hygiene and provide instructions to the public during the distribution of their services. Water is a fundamental resource for human survival, and it is imperative to emphasize

its importance. These companies should also store an ample supply of water to avoid disruptions in their operations during periods of water shortage. This ensures that there is sufficient clean water available within the community. Health workers should handle and use the chemicals elements by these companies, such as sodium, potassium, magnesium, and other materials involved in water purification, in a safe and appropriate manner. Neglecting this aspect or failing to use standard materials or clean straws (rudimentary form of water bottles) can result in the transmission of diseases. Another critical consideration is that these companies should hire competent employees and personnel committed to maintaining cleanliness standards. Their diligence in this regard is crucial for ensuring the provision of safe and healthy water to the community. In the present study, it was found that the scholars acknowledge the crucial role of water purification companies in addressing climate-related challenges, which is evident across various domains. Hence, it is imperative to prioritize the cleanliness of these companies and ensure meticulous attention to the use of chemical substances. The quantity and quality of these materials should be carefully monitored to maintain optimal purification outcomes. When the environment of such companies is clean and well-maintained, it enhances people's confidence and trust in their operations. These companies should uphold principles of sincerity, honesty, and integrity in the provision of their services pertaining to climate issues. Demonstrating sincerity requires not only fulfilling immediate needs but also considering the long-term requirements associated with climate change. By doing so, these companies can proactively address potential problems that may arise in the future, thus fulfilling their societal responsibilities. Moreover, it is paramount for these companies to recognize that society has the right to expect them to care for and protect every substance and element essential for survival. Taking necessary precautions to ensure the sustainability and well-being of these resources is essential. By fulfilling their obligations in this regard, these companies can contribute to the overall welfare and resilience of human society. In Afghanistan, contaminated drinking water from wells and substandard reservoirs has led to health issues. The integration of industrial and technological machinery has prompted the establishment of water purification companies as social and public services. These companies have experienced significant growth and engagement, fulfilling their legal obligations to provide clean water, adopt water conservation measures, and promote clean water usage in prevailing climate conditions. Their activities have resulted in climate-related changes, reducing unnecessary water consumption and improving environmental cleanliness. They protect the population from impure water by judiciously using water sources and using chemical substances for purification. These companies also store significant amounts of water during water scarcity, contributing to water scarcity concerns in various settings. The result of the activities of these water purification companies in Afghanistan has been the provision of clean water,



improvements in environmental cleanliness and orderliness, protection against impure water, and the mitigation of water scarcity concerns. Water purification companies in Afghanistan have legal responsibilities towards the government, individuals, and the environment. These include complying with laws, raising public awareness about clean water, and coordinating with the government to reduce water wastage. They must also pay taxes and maintain a government guarantee. Large-scale water storage facilities are essential for timely delivery, especially in climate change. Collaboration with the government is crucial in areas like water filter materials and environmental initiatives. Companies must provide services to government departments at the right price and within specified timeframes, adhering to established standards. Transportation infrastructure is also required. Scholars emphasize the importance of cleanliness, hygiene, and avoiding excessive water usage. Water is a vital resource, and companies must protect and preserve it. The legal responsibilities of water purification companies in Afghanistan include compliance with regulations, raising awareness about clean water, coordinating with the government, paying taxes, maintaining storage facilities, collaborating on water-related initiatives, providing quality services, and emphasizing cleanliness and hygiene. Water purification companies have legal responsibilities to ensure equitable access to purified water at affordable prices. They should extract water from natural sources while implementing protective measures. Feedback from individuals is crucial for improving company operations and benefiting society. Medical examinations are essential to assess chemical safety. Employment opportunities and public awareness about clean water usage are important obligations. Conducting water purification activities near residences fosters community confidence and trust. Creating job opportunities for those in need contributes to economic participation. The legal responsibilities of water purification companies towards individuals include providing equitable access to affordable purified water, protecting natural water sources, incorporating feedback, conducting medical examinations, providing employment opportunities, raising awareness, conducting activities in proximity to residences, and creating job opportunities. Water purification companies play a crucial role in addressing climate change by using professional methods, particularly in areas with lower water levels. They should use water from rivers, springs, and canals to mitigate water scarcity risks. Aligning operations with public policies and regulations helps prevent environmental impacts and control waste. Prioritizing snow as an alternative to groundwater during summer helps maintain a healthy water supply. Companies must provide clean water, protect individuals from diseases, promote water bottle usage, and raise awareness about responsible water use. Maintaining cleanliness, promoting hygiene, and storing ample water supplies are essential considerations. Competent employees are essential for providing safe water. Demonstrating

sincerity, honesty, and integrity in addressing climate-related challenges enhances public trust. Companies should prioritize long-term climate change requirements and ensure water resource sustainability. Water purification companies have a role in addressing climate change by employing professional methods, utilizing alternative water sources, aligning with regulations, promoting responsible water use, and ensuring the cleanliness and safety of water supply.

5. Discussion

It revolves around the legal obligations of the water purification companies and their impact on individuals, society, and the climate in Afghanistan. It highlights the importance of clean water provision, water conservation, and storage. It also emphasizes the positive climate-related changes brought about by these companies, such as reducing water consumption. It emphasizes the responsibility of the companies to fulfill their legal duties and climate-related responsibilities simultaneously. Additionally, it acknowledges the significant contribution of these companies in mitigating water scarcity concerns during times of scarcity. The focuses on the legal obligations of water purification companies towards the government, emphasizing their role in environmental protection and water preservation. It also highlights the importance of raising public awareness, coordinating with the government to mitigate water wastage, and fulfilling tax obligations. The text stresses the need for infrastructure, government collaboration, adherence to standards, and transportation support. Scholars emphasize the significance of cleanliness, hygiene, and avoiding extravagance in water usage, highlighting the responsibility of these companies in protecting water resources. Overall, it emphasizes the importance of legal compliance, environmental stewardship, and societal well-being in the context of water purification companies in Afghanistan. The legal obligations of water purification companies towards individuals, emphasizing the importance of equal access to clean water at an affordable price. It emphasizes the need to protect natural water sources and incorporate feedback to improve company operations. The paper also emphasizes the significance of conducting medical examinations to ensure the safety of chemical substances used in water purification. Providing employment opportunities for qualified professionals, raising public awareness about clean water usage, and conducting activities near residences are considered crucial. The paper also stresses the importance of creating job opportunities for individuals in need, contributing to economic participation and societal well-being. Overall, the paper emphasizes the legal responsibilities of water purification companies towards individuals, focusing on access, safety, employment, awareness, and community trust. The paper emphasizes the contribution of water purification companies to addressing climate change. It highlights the need for professional and standard methods, particularly in areas with water scarcity. Utilizing alternative water sources and aligning with regulations are suggested strategies. The paper also highlights the importance of



promoting responsible water use, raising awareness, and ensuring the cleanliness of water bottles. The paper emphasizes the role of these companies in safeguarding individuals from diseases and providing a reliable water supply. It stresses the need for activities to be conducted away from residential areas, promoting hygiene, and storing an adequate water supply. The paper also emphasizes the importance of competent employees and maintaining cleanliness standards. Demonstrating sincerity, honesty, and integrity in addressing climate-related challenges is considered essential for public trust. The discussion concludes by highlighting the importance of fulfilling long-term requirements, protecting water resources, and contributing to the welfare and resilience of human society. Overall, the paper underscores the role and responsibilities of water purification companies in addressing climate change and providing safe water to the community.

5. CONCLUSION

Based on the conducted research, the following conclusions have been drawn regarding water purification companies in Afghanistan and their legal responsibilities towards the government, individuals, and development, as well as their role in climate change. These findings are outlined as follows: Private water purification companies operating in Afghanistan are obligated to fulfill their financial responsibilities to the relevant government entities within specified deadlines. Water purification companies must obtain an official license from the government to legitimize their activities and contribute value to society. Companies involved in wastewater purification are obliged to organize and conduct their operations in accordance with government laws and regulations that govern their field of work. It is crucial for these companies to ensure the timely provision of purified water to the public, while also prioritizing the health and well-being of individuals. Recognizing that individuals play an essential role in maintaining a clean environment, efforts should be made to promote public health. During their operations, water purification companies should utilize chemicals that do not pose future harm to human health and society. Medical examinations and the analysis of chemical substances used in water purification should be conducted by these companies to prevent the spread of diseases and safeguard human health and the environment. Water purification companies have a responsibility to contribute to climate protection, including the responsible use of water resources. The activities of wastewater purification companies should encompass various geographical areas, including cities, deserts, mountains, and wetlands. Priority should be given to the purification of water that flows on the ground, such as rain, snow, and melting snow, as this contributes significantly to the protection of the climate and the preservation of vital water resources. In summary, water purification companies in Afghanistan bear legal responsibilities towards the government, individuals, and development, and they play a vital role in addressing

climate change challenges.

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