

Name _____

Building a Path to Clean Water: The Role of Infrastructure Development

Short Answer Key

1. Possible Answer: Some processes involved in treating water at treatment plants include filtration, disinfection, and the removal of contaminants such as bacteria and impurities.
2. Possible Answer: Infrastructure development supports economic growth by improving public health, sanitation, and overall quality of life. It also benefits businesses by ensuring a reliable water supply, which is essential for their operations and growth.
3. Possible Answer: Ongoing maintenance and repairs are crucial because they help prevent infrastructure failures, water wastage, and contamination. They also extend the lifespan of the water supply system, ensuring that it continues to provide clean water to communities.
4. Possible Answer: Communities may face challenges such as high construction and maintenance costs, a lack of skilled labor, and potential environmental impacts. To overcome these challenges, communities can seek funding from governments or international organizations, invest in training programs, and implement sustainable infrastructure practices that minimize environmental harm.
5. Possible Answer: Accessibility is crucial because it ensures that clean water is available to all members of a community, including those in remote or underserved areas. Without accessibility, some people may be left without access to this essential resource, which can have negative impacts on their health and well-being.

