

Name \_\_\_\_\_

## Beneath Our Feet: The Secret World of Groundwater in the Water Cycle

### Open-Ended Response Questions

1. Investigate the challenges and consequences of over-pumping groundwater in various regions around the world. Discuss potential solutions for sustainable groundwater management.
2. Imagine you live in an area heavily dependent on groundwater for drinking water. Describe the steps you would take to ensure responsible water use and conservation in your community.
3. Reflect on the significance of groundwater for ecosystems and biodiversity, especially in the context of wetlands. Discuss the potential impacts of groundwater depletion on these environments and possible conservation measures.
4. Think about the global distribution of groundwater resources and the importance of international cooperation in managing and protecting these vital sources of freshwater.

