



Volcanic eruptions may cause these types of damage:

- Total destruction of components directly in the path of lava flows and ash fall, generally restricted to the volcano's own drainage routes
- Obstruction by falling ashes of catchment facilities, silt basins, gravity separation systems, flocculators, conductor pipes and filters.
- Alteration of the quality of the water due to ash fall
- Contamination of rivers, brooks, and ponds

Volcanic eruptions can affect all components of sanitation systems



Source: OPS / OMS

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Impact of ash fall on treatment plants and catchment facilities



Source: OPS / OMS



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