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Mining consumes, contaminates, and diverts scarce water resources away from local communities. Approximately 2.2 million litres of water is needed to produce 1 ton of lithium. The production of lithium through evaporation ponds uses around 21 million litres per day. Water diversion systems block migration routes for fish and disrupt habitats. Water withdrawal for human use shrinks and degrades habitats. Run-off from agricultural and urban areas hurts water quality. The irregular release of water on the main course river bed increases soil erosion in the downstream, which causes salt water invasion in the downstream. Water diversion projects cause water logging problems. Large areas of lands, forest settlements get submerged, which have a direct impact on wild life. Ground pumping has caused dramatic changes to our natural landscape. Over pumping causes the water table to drop, resulting in dried up streams, lakes, wetlands, and land subsidence along rivers, resulting in the destruction of highly productive ecosystems. Over all lithium ion batteries contain hazardous elements that will have disastrous effects on the environment if they end up with municipal solid waste streams. Has there been enough research done on potential contamination of water and activity? What water resources will local communities have? Plans for restoration of damaged ecosystems and soil be in place? Employees and local communities be informed of potential health hazards?...