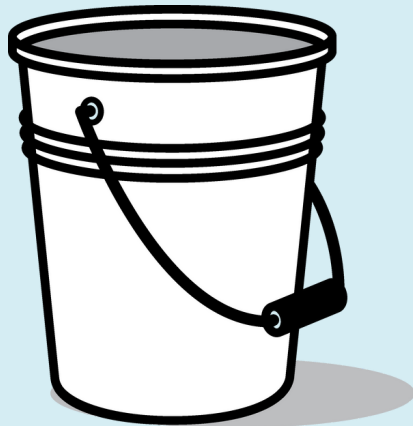




**In a World Without Pumps,
the bucket is the most
valuable household tool.**



Pumps are among the least recognized, yet most important elements associated with how we live today and where we live. We wouldn't likely be living in urban or suburban homes or apartments as we know them. Instead, it's likely that we'd be living in single-story rooms by a river.



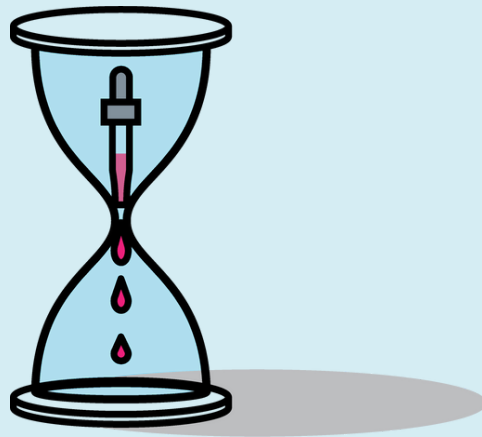
**In a World Without Pumps,
imagine the number of trips
to the well.**



For thousands of years, rain was the only practical way to irrigate crops. Without pumps, there was no reliable way to deliver the water needed to make things grow. Livestock had to be watered from hand-drawn wells or natural bodies of water. The water people needed for daily activities such as cooking, washing and drinking also had to be drawn from wells or carried in buckets from springs. Back and forth, can you imagine the trips?



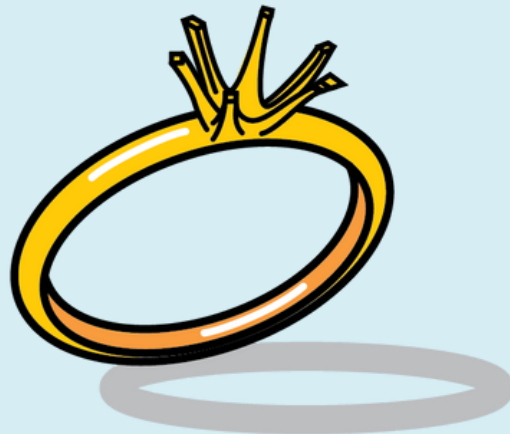
**In a World Without Pumps,
wellness comes slowly.**



In a world without pumps, wellness comes slowly. It drips, slower than grains of sand in an hourglass. Without pumps, development of medicine relies on outdated manufacturing processes; delivery of medical advancements grinds slowly and imperfectly; and the manufacturing of life-saving medical devices stalls as patients anxiously wait for life-saving solutions that seldom arrive.



In a World Without Pumps,
girls will need a new best
friend.



Nearly four decades ago, in the 1953 film *Gentlemen Prefer Blondes*, actress Marilyn Monroe famously sang the song, “Diamonds Are a Girl’s Best Friends.” We’ve sure come a long way in 40 years in how diamonds (for women and for men) are perceived in society. But the fact about diamonds that goes mostly unnoticed is that diamonds would be much more difficult to attain without the use of pumps.



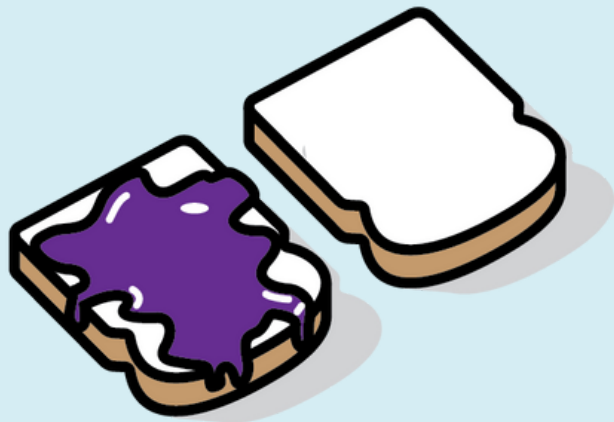
**In a World Without Pumps,
poop is no joke.**



Poop is no joke. Two years ago, it was recorded that just over half of the world's population—or 54%—had access to safely managed sanitation, and about 6% did not have any sanitation facilities at all. Instead, they practiced open defecation, according to information gathered by the nonprofit organization Our World in Data.



**In a World Without Pumps,
there's no peanut butter in
my PB&J!!!**



Without pumps, there's no peanut butter in your peanut butter and jelly sandwich—there's also no jelly. In fact, most food processing would not exist.

Our eating habits, and diets would be radically different, and our food-and-wine culture would be limited to local distribution. Our collective belly rumbles at the mere thought of it!



**In a World Without Pumps,
nothing happens in Vegas.**

Located in one of the driest deserts on the planet, and what was once a tiny town where nothing happened when incorporated in 1911, has turned into what is now one of the most exciting cities in the world. Without pumps, the image of Las Vegas—now a haven for fun, games and secrets—would be as exciting as a dead cactus.
