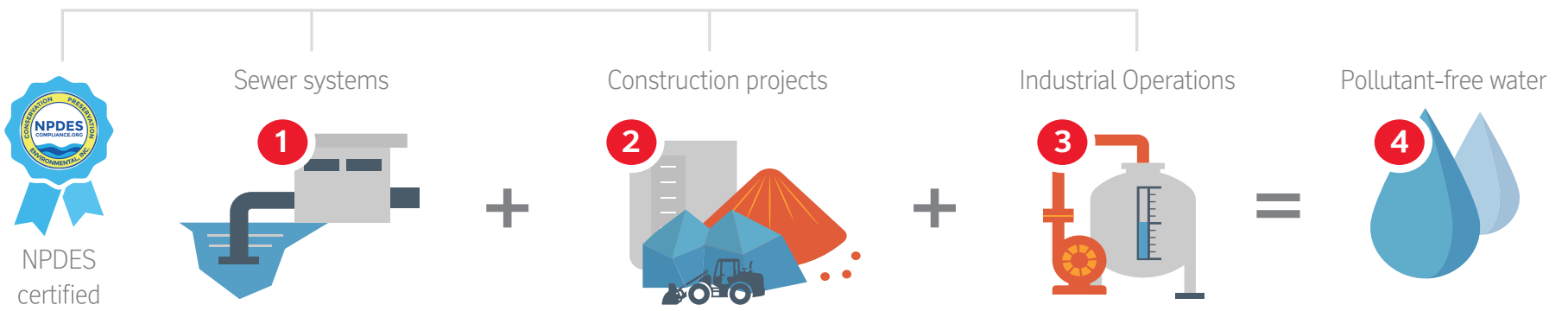


Protecting Utah's water sources

While Utah is widely perceived to be a desert state and is statistically the second driest in the nation, during mid to late summer, Utah experiences high intensity, localized rain events that creates challenges such as excessive water runoff.

Upgrading our water collection system

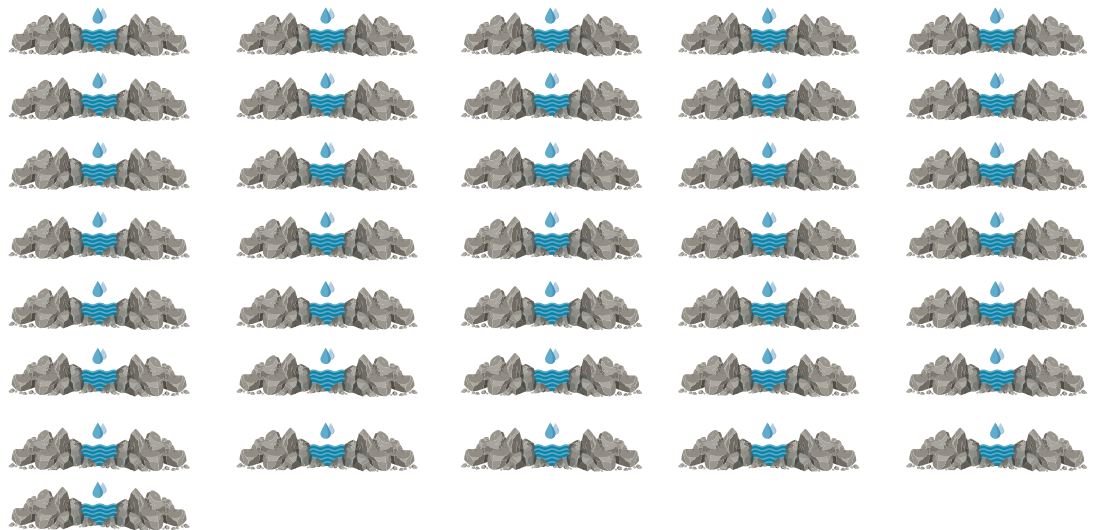
Stormwater can potentially carry pollutants into local water sources. That's why sewer systems, construction projects and industrial operations are required to have stormwater pollution prevention plans under a NPDES (National Pollutant Discharge Elimination System) permit.



Kennecott's stormwater basins
Over the past three years, Kennecott has improved existing and added new stormwater basins to increase capacity and mitigate runoff when large rain events occur. The new system was designed and constructed well beyond regulatory requirements.

36 Stormwater Basins

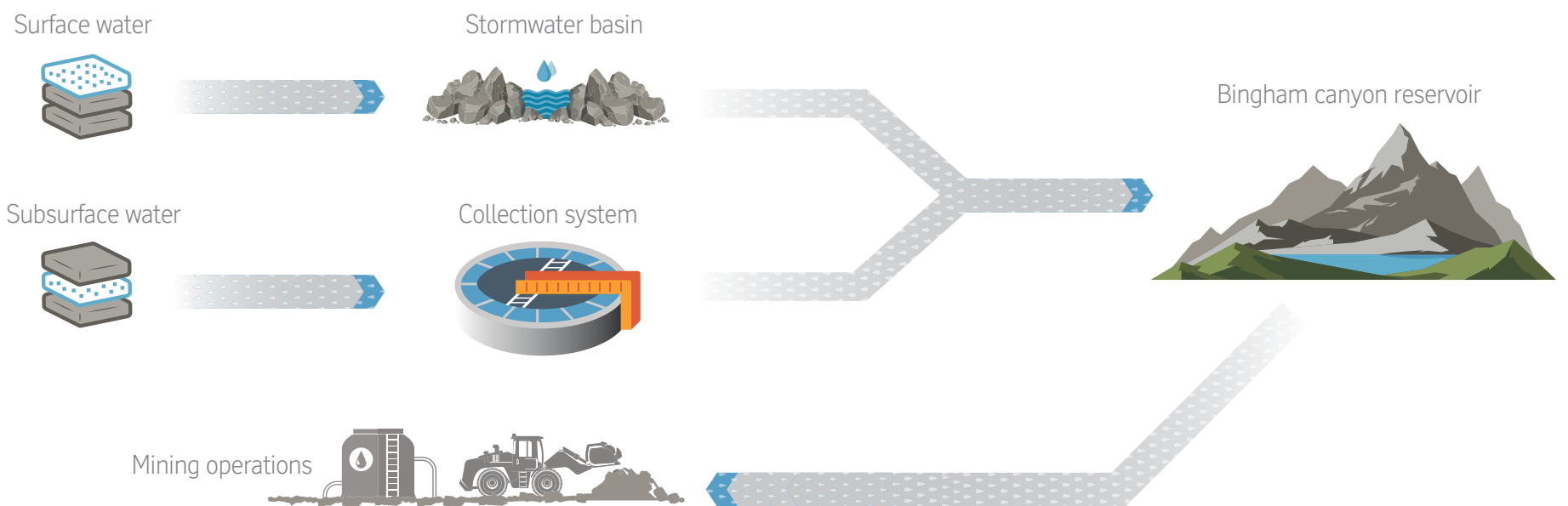
11 Were recently built



To prepare for major rain events, Kennecott has designed its stormwater management system to handle a 100-year, 24-hour event.

Separating surface and subsurface water

The new system also handles surface water separately from subsurface water. These two types of stormwater, surface and subsurface, have different levels of quality, so it's safer, cleaner and more efficient to handle each separately. Our system has the ability to direct surface water to the stormwater basins while subsurface water is directed to a different collection system. Ultimately, both types of water are either piped to the Bingham Canyon Reservoir system or treated and reused in Kennecott's operations.



Reclamation

The new stormwater system enables reclamation of mining-impacted land by helping to prep the ground for stability and allow for vegetation growth.



We're committed to sustainable development

Kennecott is committed to minimizing the impacts we have on our community. The new stormwater management system is regularly maintained and inspected. Groundwater is regularly tested from a network of groundwater wells located near the stormwater and groundwater collection systems to ensure the systems are working as designed.

Take a closer look at what we're doing to protect Utah's water at
RioTintoKennecott.com/Water-Management