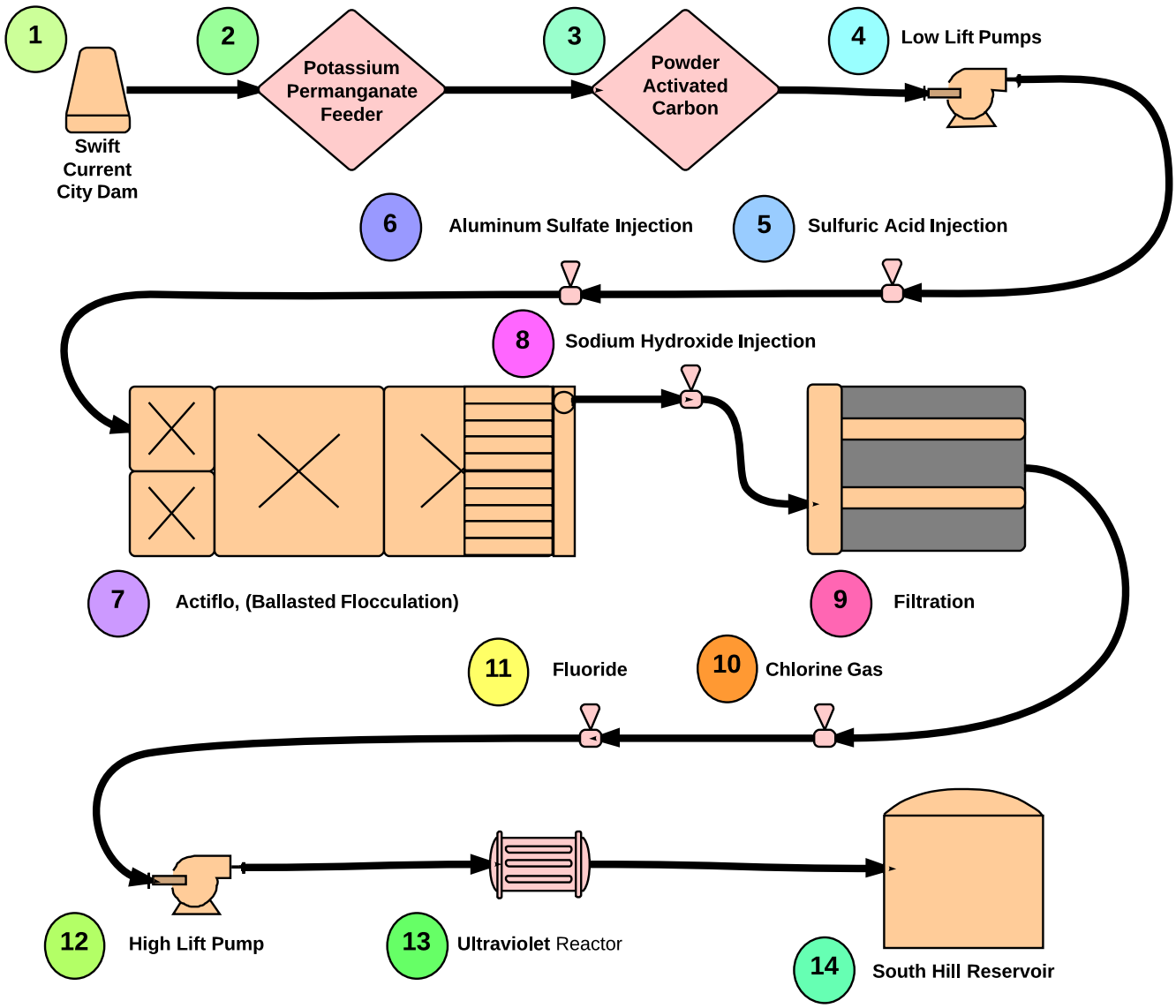

1. City Of Swift Current Dam Intake with large screens and fine screens
2. Potassium Permanganate for removal of manganese, disinfection byproducts as well as tastes and odours
3. Powder Activated Carbon to remove tastes and odours as well as disinfection byproducts
4. Low Lift pumps to provide the pressure needed to force the water through the Actiflo
5. Sulfuric Acid to decrease the amount of alkalinity and lower the pH of the water
6. Liquid Aluminum Sulfate to coagulate the fine particles in the water which allows them to settle
7. The Actiflos take the coagulated water and mix it with polymer and sand to allow for rapid settling of the coagulated particles
8. Sodium Hydroxide increases the pH back to a non corrosive level
9. Filtration removes most particles that could not settle within the Actiflo
10. Chlorine Gas eliminates remaining viruses and bacteria in the water and provides a residual to keep the water safe to drink
11. Fluoride for dental hygiene
12. High Lift Pumps Provide the pressure needed to elevate the water to the South Hill reservoir
13. Ultraviolet Reactors add an extra barrier by inactivating viruses and bacteria
14. South Hill Reservoir is the main holding tank of water for the city's distribution lines