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