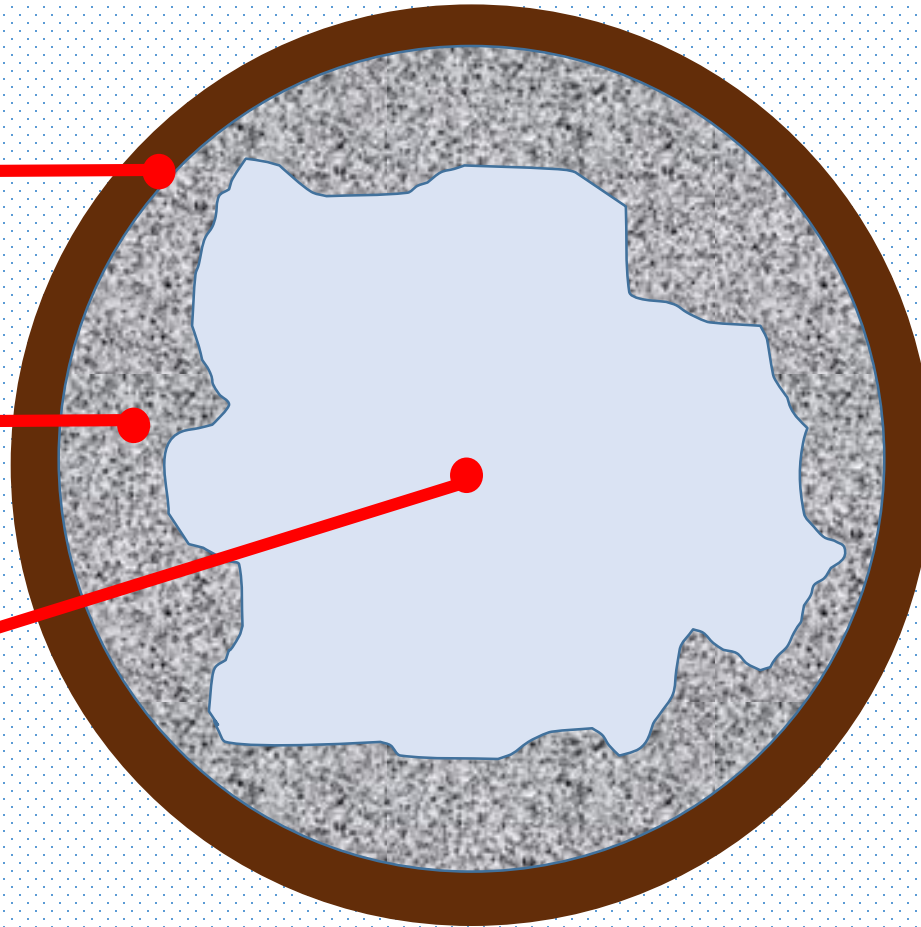


Healthy Water Pipe

Metal Pipe – Undamaged

Protective Scale Layer

Water Channel



- In a healthy water pipe, years of gradual calcium scale form a protective barrier to keep water from coming into direct contact with much of the inner metal pipes.
- The scale molecules are in constant motion. New calcium molecules incorporate into the scale coat, while some old molecules will leave the scale coat and enter the water. Metals will enter the water in this manner.