



Water Quality Solutions

Lindsay Zimmatic offers long lasting pipeline solutions for corrosive water conditions such as process water, waste water and for fertiliser applications. This becomes more and more important as our water resources get squeezed and there is pressure to make use of these alternate water sources. And even in some areas that once had clean water, these water sources are also becoming more corrosive with time. What characteristics make water corrosive?

- Acidic – ph less than 6.2
- Alkaline – ph greater than 8.5
- Irrigation with high levels of chlorides, sulphates and salts
- Variable mineral content
- Crop management chemicals



Pipeline Construction



Galvanized Steel - Offering the lower cost per foot, galvanized steel pipe is ideal for "mild" corrosive situations

Poly-Lined Pipeline - Ideal for most corrosive water conditions – municipal, industrial & agricultural. This includes a variety of applications: municipalities, food processing, chemical, textiles, mining, pulp and paper industries. This is a top-of-the-line alternative pipeline that offers excellent waste water management solutions. Heavy duty high density polyethylene can handle corrosive elements, saline and acidic water.

Stainless Steel - For serious problem water, high-alloy stainless steel pipe offers a high level of corrosive resistance. This method is ideal for long-term service in industrial and food processing applications.

Aluminium - Zimmatic's high strength aluminium piping provides superior corrosive resistance even under the harshest water conditions. In addition, its ultra-smooth interior surface means less friction loss for efficiency. For a combination of strength, versatility and efficiency, aluminium piping is the right choice for many irrigators.