

Water Use Minimization Actions

Recycle - Reuse

- Heat Rejection for Primary Process Cooling is designed closed loop vs. open loop cooling (1.386B gal/yr savings)
- Decontamination Workshop water cleaning solution recycled vs. weekly change-out (20K gal/yr savings).

Under Consideration

- NEF Gray-Water used for Landscape Irrigation vs. leach-field.
- Treating Hobbs Gray-Water (non-Potable) for use in process water makeup.

Ref: A Water Conservation Guide for Institutional and Industrial Users, Water Use and Conservation Bureau, July 1999, New Mexico Office of the State Engineer

Conservation

- Xeriscape vs. Conventional Landscape Irrigation (1.6M gal/yr savings)
- Low Flow toilets/showers/Sinks (2.6M gal/yr savings)
- Floor Washing will utilize localized or self contained cleaning vs. open hose floor wash wash downs to drain's (750K gal/yr savings)
- High Efficiency Laundry Washers (78K gal/yr savings)
- High Efficiency Closed Cell Cooling Towers (Water/ Air Cooling) vs. Open Cell (10.6M gal/yr savings)
- Cooling Tower water treatment to reduce blow-down (11.9M gal/yr savings)
- Fire Limited Design Approach - Significant reduction in Code Required Water flow potential and on site storage. (99K gal/event)