

Identifying and Managing Dead Legs

BASIN EQUALIZATION LINE:

Install drain line to flush 2-3x week during biocide additions. Automate with timer. Flush heavily to remove debris during 2x year cleaning and disinfection.

STANDBY RECIRCULATION PUMP:

Rotate pumps or operate to establish flow 2-3x week during biocide additions. Disinfect before operation if out of service > 5 days.

FREE COOLING HEAT EXCHANGER (ECONOMIZER):

Establish flow through all heat exchangers 2-3x week during biocide additions. Disinfect before operation if out of service > 5 days.

PIPING DROP LEG:

Remove dead leg. Install drain line or cross connection to flush 2-3x week during biocide additions. Automate with timer.

CAPPED PIPING EXTENSION FOR EXPANSION:

Remove dead leg. Alternatively, install drain line or cross connection to flush 2-3x week during biocide additions. Automate with timer.

OUT OF SERVICE SAND FILTER:

Replace sand and disinfect housing and piping before operation if out of service > 5 days. To permanently decommission, remove filter and terminate piping.

STANDBY CHILLER:

Establish flow through all off-line equipment 2-3x week during biocide additions. Disinfect before operation if out of service > 5 days.