## Water Pump Criteria and Constraints

## Criteria

■ Pump at least 50 mL of water from the floor to the desktop.

■ The water must travel from one beaker on the floor, through 5 lengths of airline tubing, to the other beaker on the desktop.

## Constraints

$\square$ Move only the syringe and three-way valve during testing.
■ Pump water for 2 minutes during testing.

