Cleaning Tank
State Diagram
Activity Three

Telf hopper full compact plastic and drop

Object avoided and no target set

Object avoided and target set

If hopper full compact plastic and drop

MOVING

SEARCHING

Found plastic in radius

Plastic picked

Robot starts in state MOVING

Path blocked

AVOIDANCE

Path blocked

Only have enough charge to reach batter

Only have enough charge to reach batter

BATTERY EMPTY

Charger reached - battery recharged