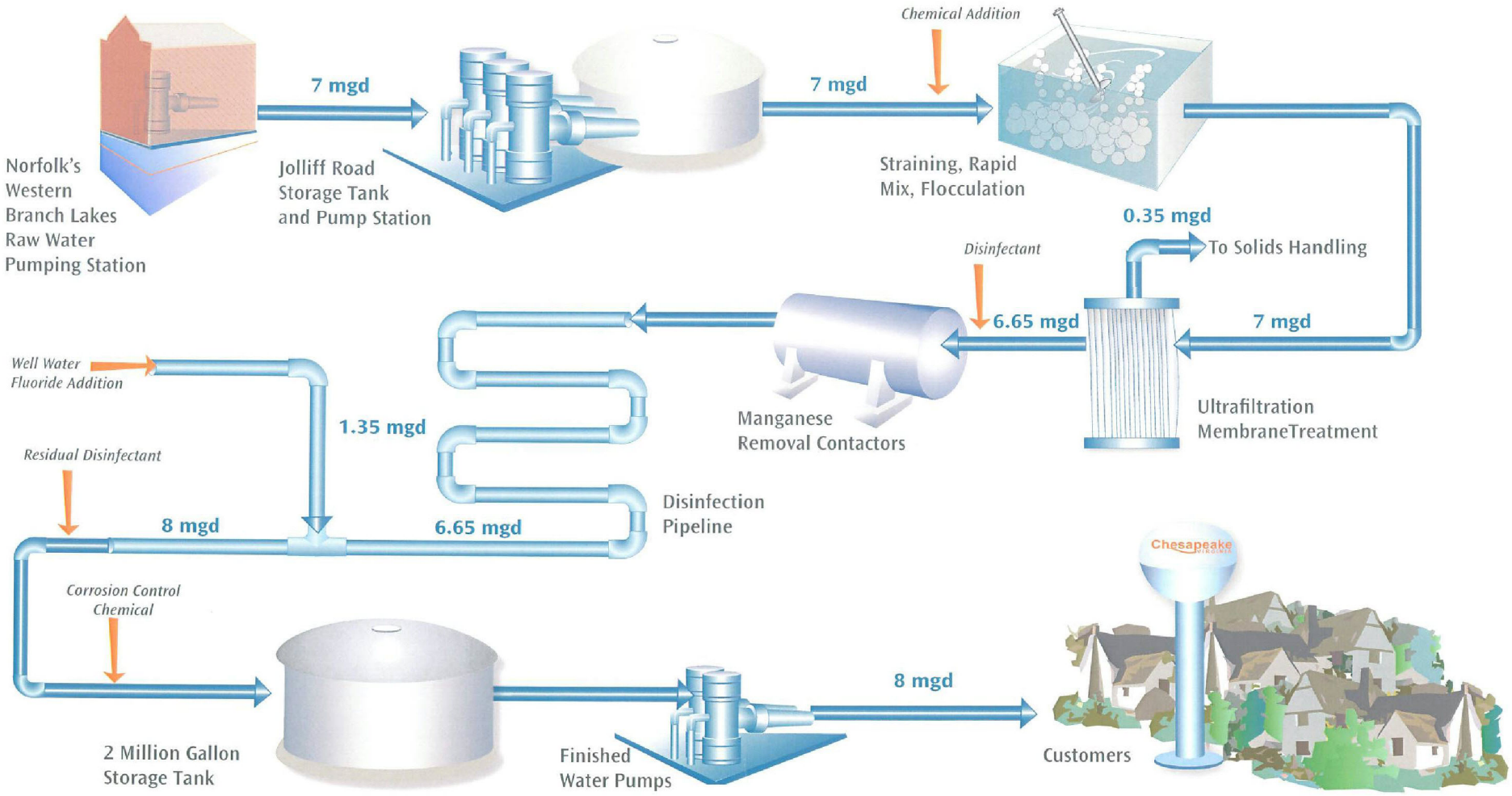Lake Gaston Water Treatment Plant Process