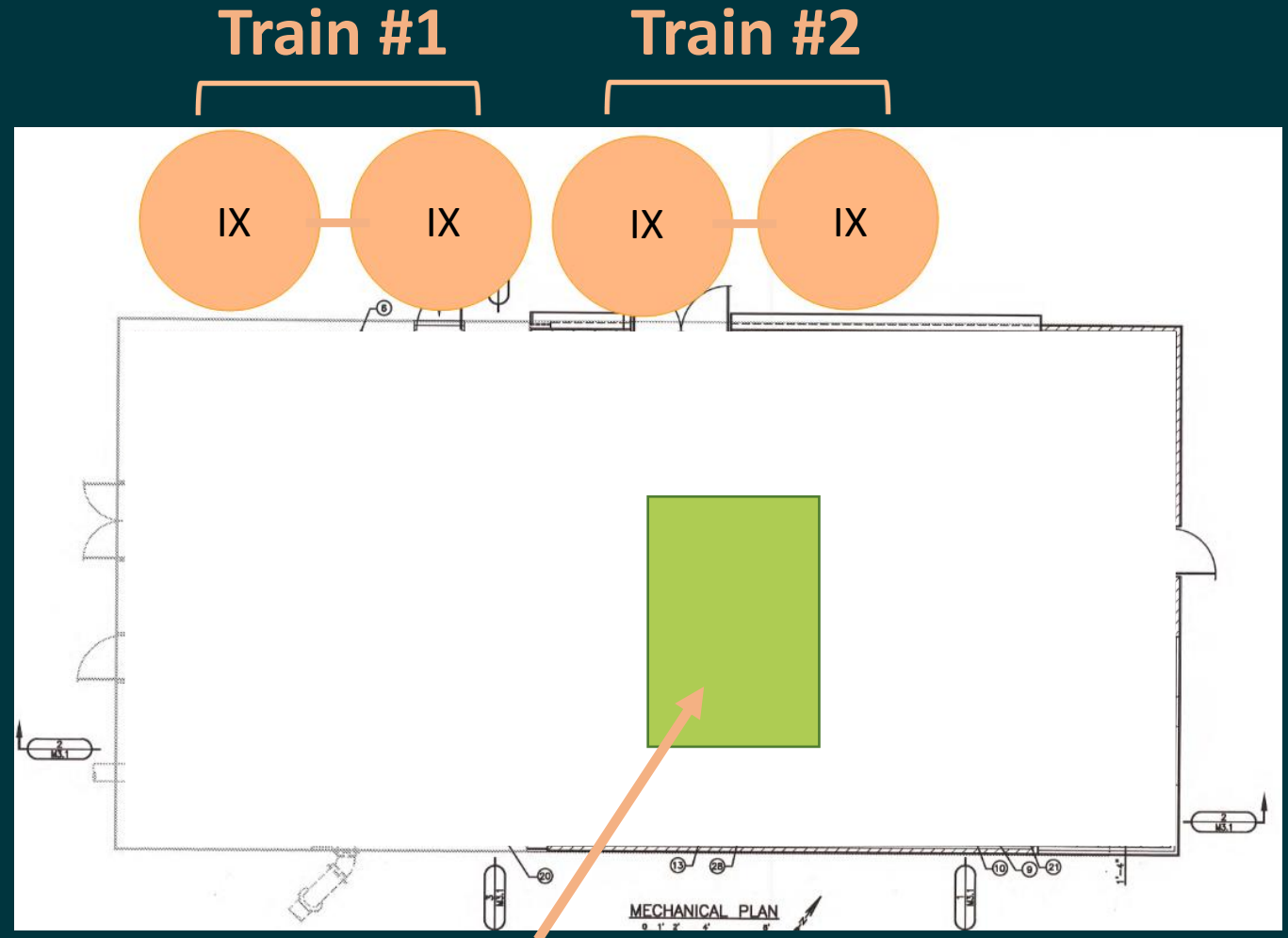


# Option #1: Air Stripping and Ion Exchange (IX)

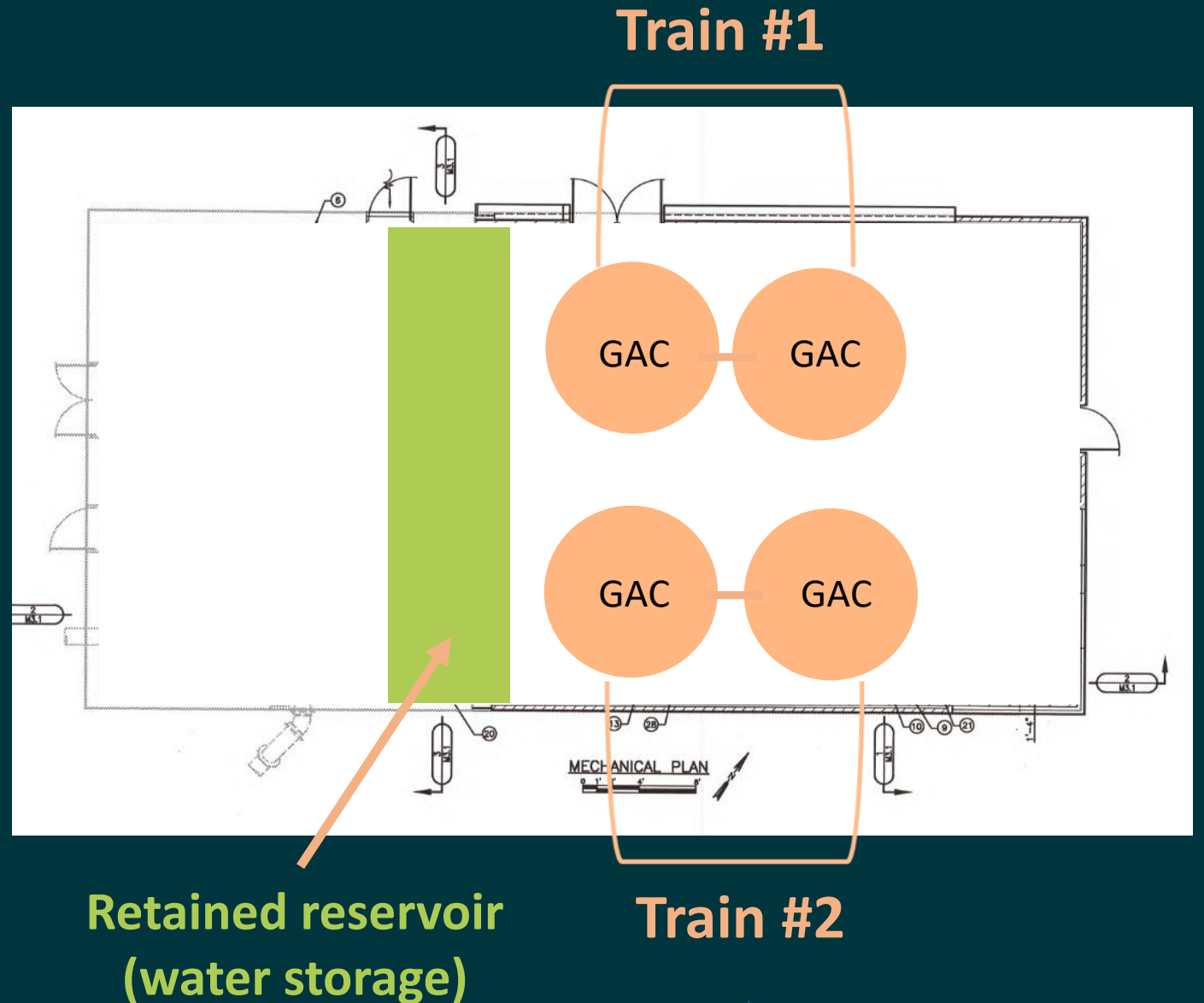
- ✓ 4 IX vessels
  - 2 parallel IX / IX trains
- ✓ 12-foot diameter vessels
  - 800 gpm each
- ✓ **Requires building expansion**
- ✓ Energy intensive process
- ✓ Post-treatment Water Conditioning
- ✓ High chemical costs
- ✓ Tray cleaning required
- ✓ Pre-filters required for IX



**Existing Air Stripper**

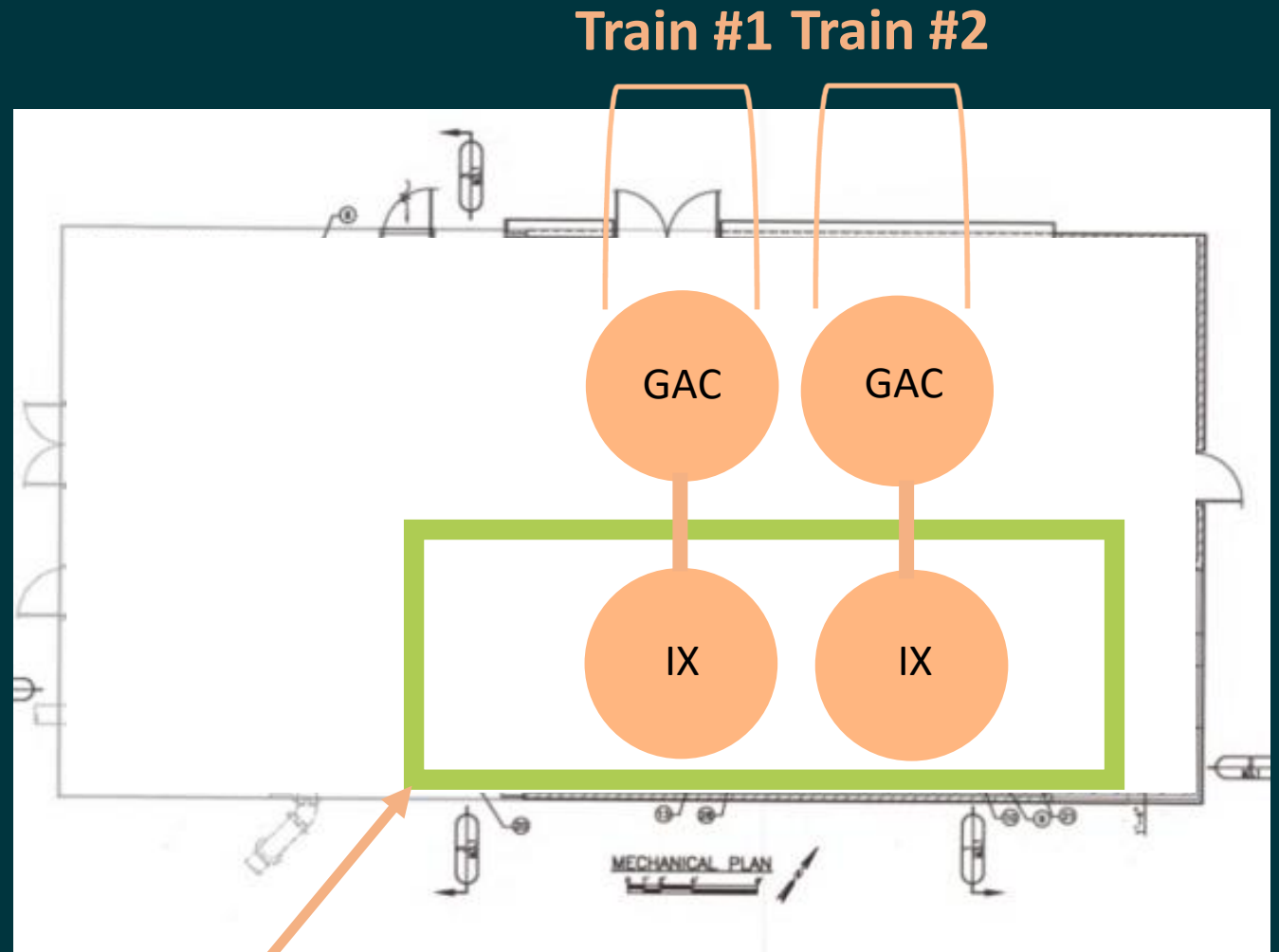
# Option #2: GAC / GAC

- ✓ 4 GAC vessels
  - 2 parallel GAC / GAC trains
- ✓ 12-foot diameter vessels
  - 700 gpm each
- ✓ 24 feet tall
- ✓ 40,000 lb GAC media each
- ✓ **Air stripper removed**
- ✓ Reservoir reduced
  - Operational range reduced to maintain desired disinfection



# Option #3: GAC / IX

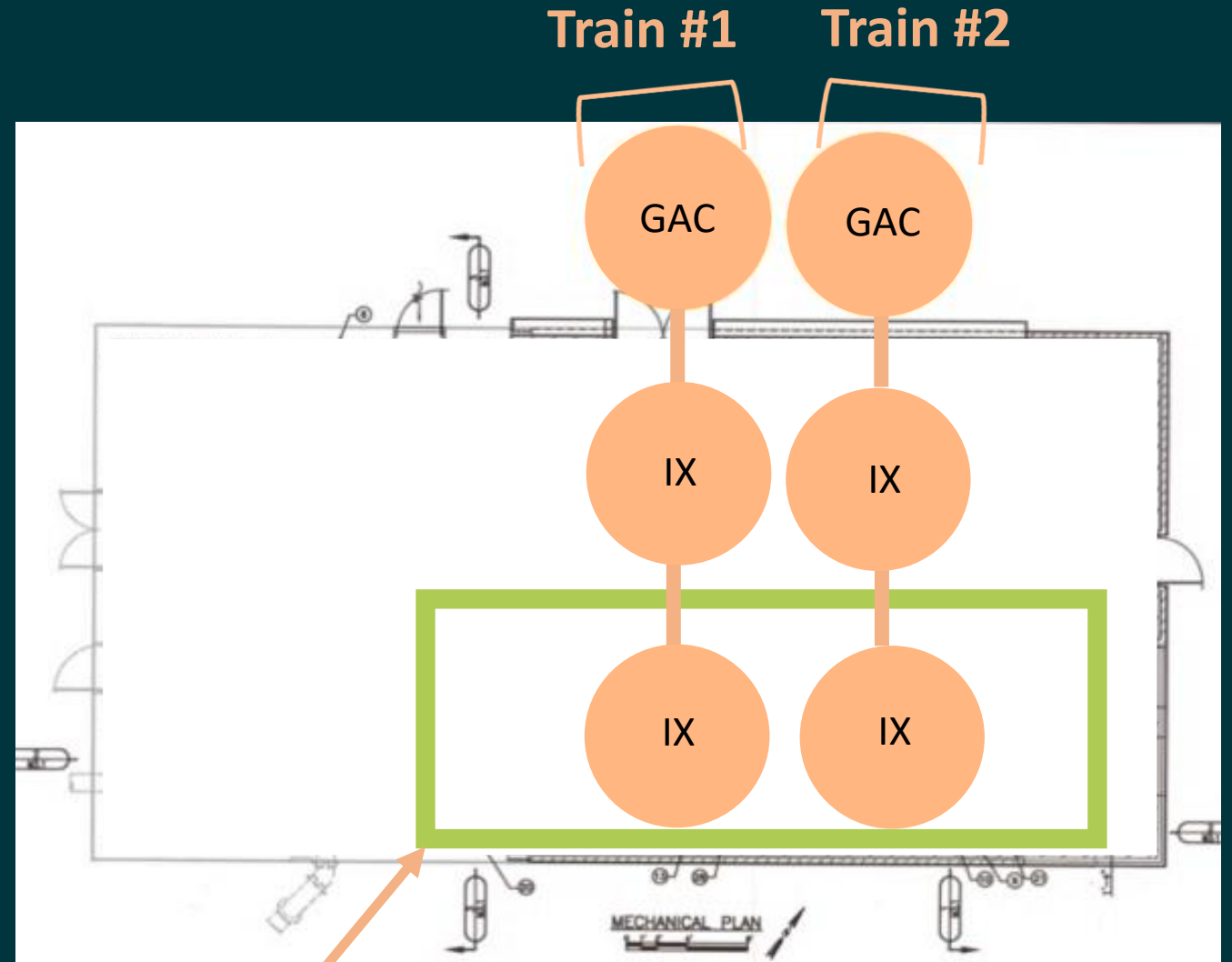
- ✓ 4 total vessels
  - 2 GAC & 2 IX vessels
  - 2 GAC / IX treatment trains
- ✓ 12-foot diameter vessels
- ✓ 24 ft (GAC) and 16 ft (IX) tall
- ✓ **Air stripper removed**
- ✓ ½ reservoir capacity retained



**Retained reservoir  
(water storage)**

# Option #4: GAC / IX / IX

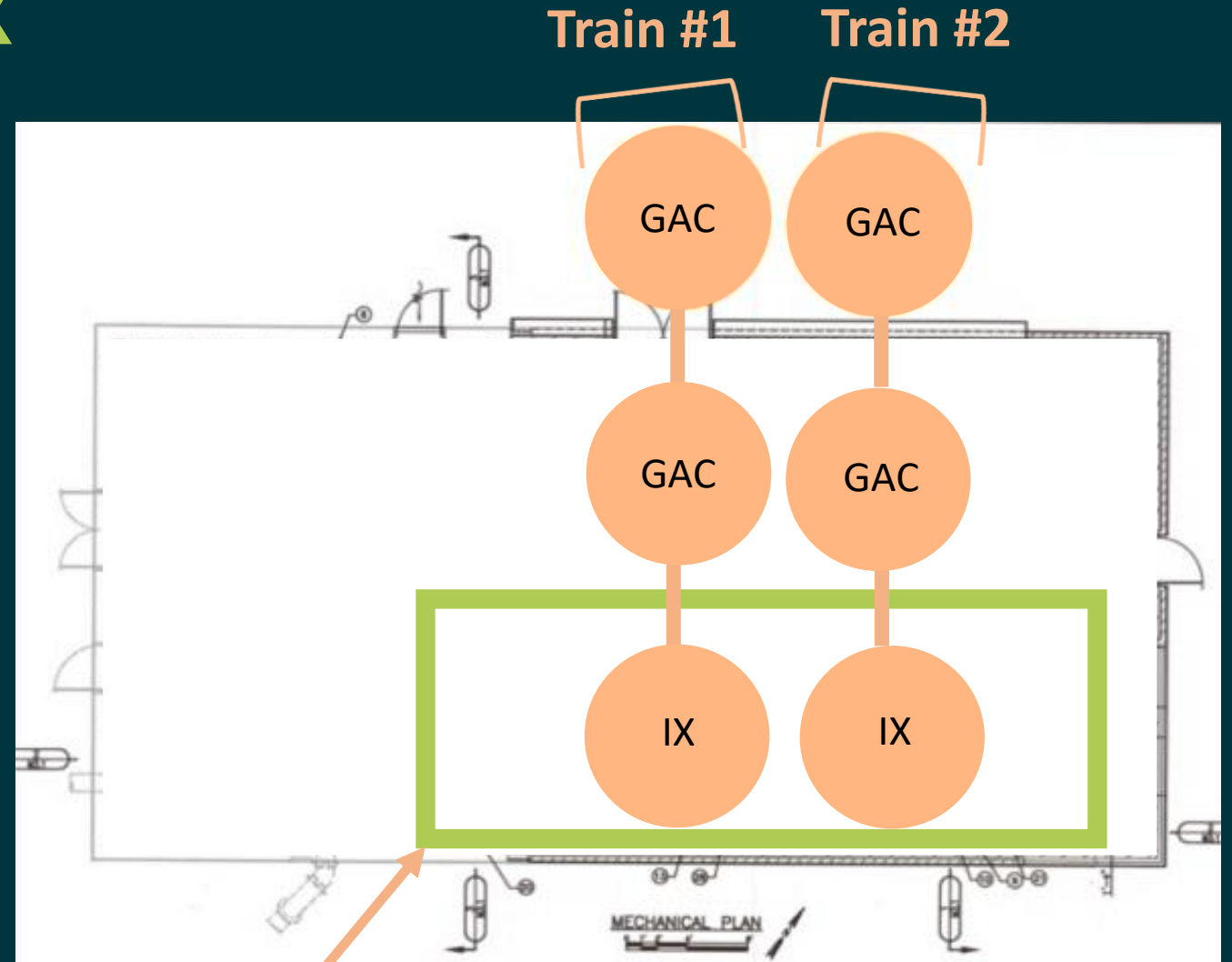
- ✓ 6 total vessels
  - 2 GAC & 4 IX vessels
  - 2 GAC / IX / IX trains
- ✓ 12-foot diameter vessels
- ✓ 24 ft (GAC) and 16 ft (IX) tall
- ✓ **Requires building expansion**
- ✓ **Air stripper removed**
- ✓ ½ Reservoir retained



**Retained reservoir  
(water storage)**

# Option #5: GAC / GAC / IX

- ✓ 6 total vessels
  - 4 GAC & 2 IX vessels
  - 2 GAC / GAC / IX trains
- ✓ 12-foot diameter vessels
- ✓ 24 ft (GAC) and 16 ft (IX) tall
- ✓ **Requires building expansion**
- ✓ **Air stripper removed**
- ✓ ½ Reservoir retained



**Retained reservoir  
(water storage)**