## WEST CHESHIRE WATER WORKS.

### Hooton Pumping Station.

One Compound Tandem Horizontal Pumping Engine, with Deepwell and Force Pumps:

- **High-pressure steam cylinder**, 14 in. diam. Stroke, 3 ft. 9 in.
  - Low: 28
  - Force pump, double-acting: 9
  - Two well pumps: 0
  - Depth of bore-hole: 200 ft.

## METROPOLITAN WATER BOARD.

### Orpington.

One Compound Single-acting Cornish Pumping Engine, Condensing:

- **Steam cylinder**, high-pressure, 20 in. diam. Stroke, 7 ft. 7 1/2 in.
  - Low: 12
  - Well pump: 22
  - Outer force pump: 20
  - Inner: 16
  - Strokes, 12 per minute.
  - Depth of well: 100 ft.

### Wilmington Pumping Station.

One Compound Condensing Rotative Beam Pumping Engine:

- **High-pressure steam cylinder**, 25 in. diam. Stroke, 7 ft.
  - Low: 50
  - Two force pumps, Bucket: 27 1/2 in.
  - Ram: 18
  - Well pump: 20
  - Depth of well: 110 ft.

### Southfleet Pumping Station.

One Triple Expansion Horizontal Condensing Geared Pumping Engine:

- **High-pressure steam cylinder**, 10 in. diam. Stroke, 3 ft.
  - Intermediate: 16
  - Low-pressure: 26
  - Three pumps: 12
  - Pumping to height of 100 ft.
  - Engine revolutions, 70 per minute.
  - Pumps: 15

### Kempton Park Pumping Station.

Two Vertical Inverted Triple Expansion Condensing Pumping Engines:

- **High-pressure steam cylinder**, 13 in. diam. Stroke, 4 ft.
  - Intermediate: 21
  - Low-pressure: 32
  - Pump plungers: 34
  - Revolutions, 30 per minute.

### Three sets Kempton Park Pumping Station.

Six Vertical Inverted Triple Expansion Condensing Pumping Engines:

- **High-pressure steam cylinder**, 21 in. diam. Stroke, 4 ft.
  - Intermediate: 33
  - Low-pressure: 52
  - Pump plungers: 24
  - Revolutions, 30 per minute.