

Appendix E
Pump Specification

PUMP MODEL 53HX

LENGTH OF 3" LINE = 800'

ELEVATION Δ FROM PUMP CHAMBER
TO VALVE PIT 7' \pm

ASSUMED 26' HEAD

PUMP CHAMBER 4' DIAMETER
PUMP ON/OFF 1' 2" = 1.1665

$$Vol = \pi r^2 \times l \times 7.48 \text{ GAL/CF}$$

$$(3.14)(2)^2 \times 1.16 \times 7.48 =$$

109 GAL / CYCLE

@ 806 PM @ 26' HEAD

1.4 MIN / CYCLE @ 109 GPC