

FINAL CALCULATIONS

SUCTION LIFT (vertical distance in feet from center of pump to water level—negative value if pump below water level)..._____

TOTAL DYNAMIC HEAD (TDH)

TDH, clean filter (add figures in **FT. OF HEAD** column—all pages, including **SUCTION LIFT** above)....._____

TDH, dirty filter (add to clean filter TDH head due to dirty filter)....._____

TDH, backwash (include feet of head for MAIN DRAIN, GUTTER and/or SKIMMER, and FACE PIPING sections....._____

TDH, actual (calculated from actual vacuum and pressure gauge readings with recirculation system operating)....._____

PUMP

Quantity _____ Manufacturer _____ Model # _____ HP _____

FLOW

gpm, clean filter (from pump curve at above clean filter TDH)...._____ gpm

gpm, dirty filter (from pump curve at above dirty filter TDH)....._____ gpm

gpm, backwash (from pump curve at above backwash TDH)....._____ gpm

gpm, maximum allowable through filter (from step 9, page 2)....._____ gpm

gpm, actual (from flow meter reading)....._____ gpm

Signature of EHS

Date

TURNOVER

Turnover, Design (from step 10, page 2)....._____ hours

Turnover, calculated (at above gpm, clean filter)....._____ hours

Turnover, actual (calculate from above gpm, actual)....._____ hours

NOTES:

1. If multiple pumps are used, use above TDH, clean filter and find pump on pump curve that will give total desired flow divided by the number of pumps used.