



Pump Station Draw Down Report North Charleston Sewer District

Project: _____ Date: _____

NCSD Representative: _____

Contractor: _____

Contractor Representative: _____

Engineering Firm: _____

Engineering Firm Representative: _____

Pumping rate calculation:

$$PR = \frac{D \times W \times A}{T}$$

Where: PR = Pumping Rate (gpm)
 D = Draw down difference (ft)
 W = Conversion factor for water (7.48 gal/ft³)
 A = Area of wet well (ft²)
 T = Time (min)

Wet Well Diameter (ft): _____

| Pump No. 1 | Draw Down (ft) | Draw Down Time (sec) | Pumping Rate (gpm) |
|-------------|----------------|----------------------|--------------------|
| Start: | | | |
| Finish: | | | |
| Difference: | | | |

| Pump No. 2 | Draw Down (ft) | Draw Down Time (sec) | Pumping Rate (gpm) |
|-------------|----------------|----------------------|--------------------|
| Start: | | | |
| Finish: | | | |
| Difference: | | | |

| Pumps 1&2 | Draw Down (ft) | Draw Down Time (sec) | Pumping Rate (gpm) |
|-------------|----------------|----------------------|--------------------|
| Start: | | | |
| Finish: | | | |
| Difference: | | | |