

5.02 LIFT STATION DESIGN CRITERIA FORM

PART 2: DESIGN DATA



1. Force main length:

Force main diameter (inside):

Force main material (i.e., PVC C-900 class 150, ductile iron class 52, HDPE DR17 class 100, etc.):

Force Main is:

Force Main Discharge (i.e., manhole to gravity sewer, pressure force main, storage tank, etc.): Source of Water:

- **2.a** Elevation change from lift station site to force main discharge point:
- 2.b Finish grade elevation at wet well:
- **2.C** Discharge piping elevation at lift station:
- **2.d** Force main discharge elevation:
- **3.a** Influent sewer depth:
- **3.b** Influent sewer elevation:**4.** Peak design inflow
 - (maximum flow to lift station):

5. Standby generator requirement:

Standby generator fuel:

6. Available power supply:

Is this lift station considered a classified space?

- in. inside dia.
 - New Existing

Portable

Natural Gas

240V

3-phase

<u>No</u>

Don't Know

None

Propane

480V

ft. (actual length along proposed alignment)

- ty c.): $\frac{?}{?}$ e -2.26 ft.4.06 ft.1.8 ft.
- rge elevation: <u>1.8</u> ft.
 - <u> 13.03 ft</u>.

?

?

<u>-8.97</u> ft. 200 g.p.m. @ 15 ft TDH

Permanent

Diesel

<u>208V</u>

Single-phase

Yes

None

480V

3-phase

No