

### 13.08.415 – Lift Station and Force Main facilities.

No sewer lift station shall be constructed in the City or connected to the system of sewers except in accordance with plans and specification approved by the City Manager or his or her designee. Notwithstanding any other requirements of the City, any such lift station and related force mains shall be designed and constructed, at a minimum, to comply with the requirements of the most recent editions of the California Plumbing and California Building Codes, and as required herein.

A private sewer lift station will not be allowed to be constructed in the City unless no alternative gravity sewer option exists and the private lift station will serve only a single legal parcel.

A public sewer lift station will not be constructed or maintained unless no alternative gravity sewer option exists and the size and layout of the public sewer lift station is designed to serve future development within the entire tributary basin as described in the City's Wastewater Master Plan. If a public lift station is constructed, the design and construction must include at a minimum the following elements subject to such additional conditions of approval specified by the Director of Public Works at time of project approval:

- (a) SCADA with remote control and monitoring of equipment operations and alarm notification which is compatible and interoperable with the City's existing SCADA system;
- (b) Wet well storage capacity of 1 hour to minimize pump and equipment cycling;
- (c) Pumping equipment shall have a firm capacity and additional standby capacity equal to largest pump within the sewer lift station;
- (d) A Motor Control Center (MCC) for housing a Variable Frequency Drive for each pump;
- (e) Emergency generator backup with automatic transfer switchgear;
- (f) Dual force mains run underground and designed per American Water Works Association (AWWA) standards for pressure pipe;
- (g) Minimum 2" water service to the sewer lift station and piping for fire protection of generator and motor control center;
- (h) Space within perimeter wall of the sewer lift station for adequate combination vacuum truck access to maintain the wet well;
- (i) Odor and Noise control systems as specified by the Director of Public Works; and
- (j) Site Security comprising at least a perimeter wall, wired cameras, motion sensors and security alarm monitoring and notification independent of SCADA system and other security devices customarily deployed for sewer lift stations.

The capacity of the lift station and its components and force mains shall be sized per City of Beaumont's Master Plan or a Sewer Area planning document approved by the City. The lift station shall have dual force mains. All of the elements described above shall be installed at the time of construction of the lift station. In addition, the City may set standards for each element of a private or public lift station.