



Orange County Fire Authority Community Risk Reduction INFORMATIONAL BULLETIN 02-21

Subject: Midway City Fire Water Flow Requirements

Midway City is challenged with meeting the minimum fire water flow requirements for new buildings. Water is provided to this community through three different water agencies, Midway City Mutual Water Company, Eastside Water Association, and South Midway City Mutual Water Company (see attachment, "Midway City Water Agencies").

All three water agencies have limited water reservoir tanks. South Midway City Mutual has an automatic water intertie with Westminster Water Division (WD), Midway Mutual has a manual emergency intertie with Eastside Water Association (WA), and Eastside WA has an emergency manual intertie with Westminster WD. Each of these water agencies is independently supplying 200-300 homes with fire protection and domestic water from their own single source deep wells. Water limitations may impact proposed building projects from meeting the minimum fire water flow requirements identified in the Fire Code.

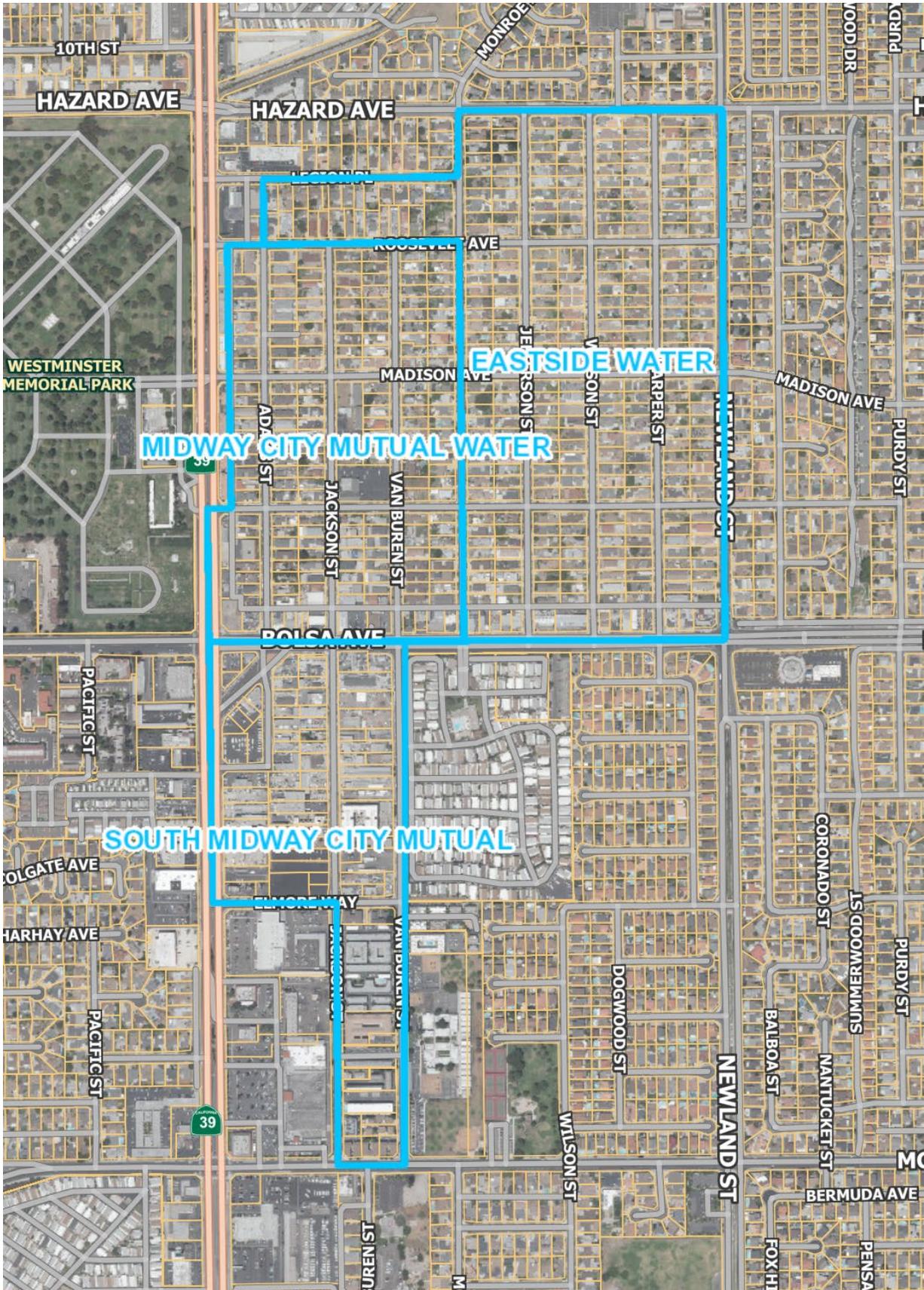
- **Midway City Mutual Water Company** (714-532-9409) has two 90,000 gallon reservoir tanks with 4-inch diameter water mains, and 12 fire hydrants. Recent hydrant water tests have provided 320 to 390 gpm at 20 psi which is below minimum Fire Code. Projects within the orange shaded zones (see attached "Midway Mutual Zones") will not be approved with any increase to existing building area. Other changes will be reviewed on a case-by-case basis.

Eastside Water Association (714-894-8106) has 40,000 gallon and 10,000 gallon reservoir tanks with 6-inch diameter water mains and 34 fire hydrants. Recent hydrant water tests have provided 800 gpm to 900 gpm at 20 psi.

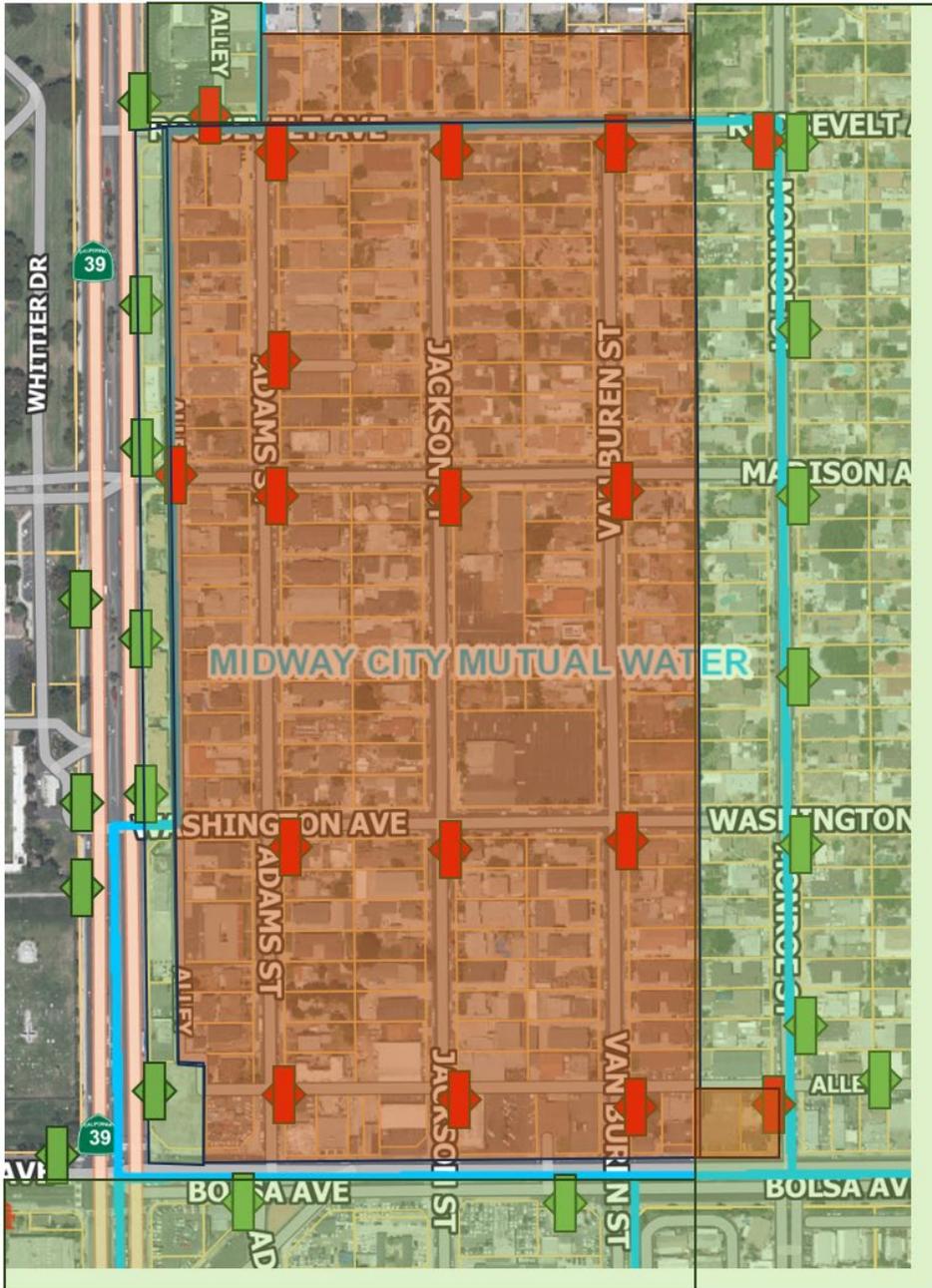
- **South Midway City Mutual Water Company** (714-842-8080) has two 10,000 gallon reservoir tanks with 6-inch diameter water mains to 4 fire hydrants, and 10 Westminster WD hydrants. Recent hydrant water tests have provided over 1500 gpm at 20 psi.

Additional questions regarding specific fire protection water requirements may be forwarded to OCFA Planning & Development @ 714-573-6100.

Midway City Water Agencies



Midway City Mutual Zones



 Red hydrants are low flow (320 to 390 gpm @ 20 psi)

 Green hydrants are higher flow (800 to 1500 gpm @ 20 psi)

 Normal Build Zone

 No Additional Area Zone; case-by-case for other changes