

HGL Response Form – NO HAR Needed

Date Request Received:	05-22-2025	Date Request Provided:	05-27-2025
Project Name:	Miller Downs_7020 Wyoming Lane		
Project Location:	7020 Wyoming Lane		
Project No:		Required FF (GPM):	
Project Contact:	Maria Langer	Company:	Kimley-Horn
Phone:	7197179609	Email:	maria.langer@kimley-horn.com
Developer:	Monica Sweere		

Is Hydraulic Analysis Report (HAR) Required? YES ☐ NO ☒

Because the site is considered an infill project, no HAR will be required.

Is a Water Quality Plan Required?

A water quality plan is required only if the development will result in a permanent or temporary dead-end water main. Larger (16" and greater) or longer dead-end mains are specifically required to have flushing devices (Water LESS 2.6.E.3) to meet the water quality requirements. If no temporary or permanent dead-end main is proposed, then a water quality plan is NOT required.

If the utility or development plan proposes either a temporary or permanent dead-end water main, a water quality requirement(s) will be evaluated when the utility or development plan is submitted. Varying factors will be evaluated in determining if a water quality requirement is necessary, including service line placement, water main looping, construction phasing and the length of the dead-end water main in determining if a water quality plan is needed with lot development.

Response Comments:

For new developments, a minimum of two connections are needed for looping, for redundancy and water quality purposes.

Please note that for pressures greater than 177 psi, PVC is unacceptable.

Colorado Springs Utilities will calculate available fire flow upon Construction Drawing submittal. Verify fire flow requirements w/ CSFD (Colorado Springs Fire Department) prior to construction drawing submittal, if construction drawings are required to be submitted. At the time the construction drawings are submitted to Utilities Development Services (UDS), please also submit a Utility Design CAD File (UDCF) through [csu.org/Building & Development/Records & Mapping](https://csu.org/Building%20&%20Development/Records%20&%20Mapping) and include the UDCF Receipt number and required fire flow on any future Fire Flow Requests. If flange elevations are not included on the UDCF, provide those in a separate document (typically a pdf set of the construction drawings) along with the Fire Flow Request.

Developer/Engineer can model available fire flow prior to Construction Drawing submittal using the following HGL information. See HAR Modeling Requirements on requirements for fire flow modeling.

HGL Information	
Pressure Zone:	Reduced Briargate (RBGT)
HGL at Max Day Demand (lowest system pressure) [ft]:	7034
HGL at Min Day Demand (maximum system pressure) [ft]:	7035

Available Fire Flow at Existing Hydrant*	
Hydrant Number:	1499-R
Flange Elevation [ft]:	6813
Theoretical Available Fire Flow (at 20 psi residual) [gpm]:	2300
Static Pressure at Max Day Demand [psi]:	95
Maximum Static Pressure at Bury Depth [psi]:	100

**The Fire Flow information above is provided solely as a reference. An official Fire Flow report must be requested by the engineer and provided by Colorado Springs Utilities Water Planning prior to sign off on construction plans by Colorado Springs Utilities and Colorado Springs Fire Department.*

Colorado Springs Utilities

 Water Infrastructure Planning

waterplanning@csu.org

