



Memorandum

CITY OF HENDERSON
240 Water Street
P. O. Box 95050
Henderson, NV 89009-5050

TO: Development Industry

FROM: Department of Utility Services
Heidi Dexheimer, Utility Infrastructure Planning Manager

DATE: 12/31/2019

SUBJECT: Water and Sewer Analysis Requirements for New Development

In order to better serve our customers, two changes are being implemented, as described below.

- 1. Water Demand Factors for Water Network Analyses (WNA):** The water demand factors accepted by the City of Henderson are changing based on a study of actual water use within various development types within the City. Please refer to the new Water Demand Factor Table on Page 26 of Department Service Rules beginning January 1, 2020. Use of these new water demand factors will be required beginning March 2, 2020 but can be used immediately for new WNA's. The latest version of the Department Service Rules can be found on our website:
<https://cityofhenderson.com/utility-services/utility-services-code-guidelines>
- 2. Sewer Point-of-Connection:** In order to provide earlier guidance on appropriate sewer point-of-connection for new projects, the City will provide a sewer point-of-connection for the project at the same time that a hydraulic grade line (HGL) is issued. A revised form titled *HGL Request and Sewer Connection Form* will replace the existing form titled *HGL Request*. Additionally, a new general email account has been created for submission of the form. This form can be found on our website:
<https://cityofhenderson.com/utility-services/applications-and-downloadable-forms>. This link can also be accessed through the DSC Online Portal.



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For additional information, please contact the following:

New Development

- Brian Coombs, Brian.Coombs@cityofhenderson.com, 702.267.2514
- Utilities-New Development, General Line, 702.267.3670

Water Demand Factors:

- Maylinn Rosales, Maylinn.Rosales@cityofhenderson.com, 702.267.5913

HGL/Point-of-Connection Requests:

- Mike Warnick, Michael.Warnick@cityofhenderson.com, 702.267.2533
- Robert Woodson, Robert.Woodson@cityofhenderson.com, 702.267.2546
- Richard Stoebner, Richard.Stoebner@cityofhenderson.com, 702.267.2549

Attachments:

Department Service Rules, January 1, 2020, Page 26

HGL Request and Sewer Point-of-Connection Form

Department of Utility Services
Department Service Rules

Water Demand Factor Table

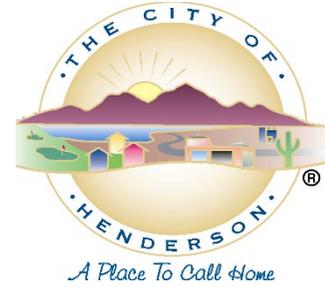
Water demand factors shall be as outlined in this table and the following factors used to prepare a Hydraulic Analysis per the *Uniform Design and Construction Standards for Potable Water Systems*, Section 2.03. The City reserves the sole and exclusive right to increase demand factors for any and all projects, taking into account the existing density and uses of such land allowed under the City's development code.

Category	Unit	Maximum Day Demand (MD) (gpm)	Peak Hour Demand (PH) (gpm)
Single Family-VLD (RS1, RS2) or > ¼ acre *	Acre	4.68	7.96
Single Family-LD (RS4) or ≤ ¼ acre *	Lot	0.93	1.58
Single Family-LD/MD (RS6, RS8, RMH, RM10)	Lot	0.78	1.33
Multi-Family – MD (RM16)	Unit	0.50	0.85
Multi-Family-HD (RH24, RH 36)	Unit	0.36	0.61
Commercial	Acre	4.00	6.80
School	Acre	5.00	8.51
Park/Common Element/Irrigated Turf	Acre	13.39	22.77
Hotel/Motel	Acre	7.11	12.10
Industrial	Contact DUS		

*When lot size and zoning classification differ, use more stringent criteria.

City of Henderson

Department of Utility Services
240 Water Street, Henderson, NV 89015
Phone # (702) 267-3670



HGL Request and Sewer Connection Form

Please submit the following information via e-mail to:
utilityconnectionplanning@cityofhenderson.com

Applicant Name: _____

Applicant Email Address: _____

Company Name: _____

Company Address: _____

Company Phone No.: _____

Owner's Contact Information:

Project Name: _____

APN No(s): _____

Area (acreage): _____

Type of Development & Zoning
(Commercial, Residential, Multifamily, etc.): _____

Description of Project
(Number of Units, Buildings, Type of Business, etc.): _____

Estimated number of ERU's-Sewer: (based on DSR Page 16) _____

Estimated Max Day Water Demand-gpm (based on DSR Page 26): _____

Maximum Fire Flow (gpm): _____

Entitlements (approved or in progress): _____

DSR: Department Service Rules, Latest Edition

ERU: Equivalent Residential Unit (based on 250 gallons per day)