



**Public Works Department**  
 595 Silver Lace Blvd., Fernley, NV 89408 775-784-9910  
**ENGINEERING INFORMATION**  
**WATER AND SEWER CONNECTION CALCULATIONS**

**IT IS THE APPLICANT'S RESPONSIBILITY TO ENSURE THAT THE REQUEST BELOW IS ACCURATE AND CORRECT. THE APPLICANT ASSUMES THE RISK OF IMPROPER CALCULATIONS AND TAKES RESPONSIBILITY FOR THIS REQUEST AS THE BASIS FOR THE CONNECTIONS REQUESTED.**

Project Name:	<input type="checkbox"/> <b>PROPOSED</b>	Civil Permit #: CP
Project Address:	<input type="checkbox"/> <b>EXISTING</b>	BUILDING PERMIT #: BP
Project APN:		
<i>The applicant must provide the City with expected usage and discharge volume information certified by a Civil Engineer registered in the State of Nevada. If project is for more than 1 unit provide per unit breakdown. Utilize fixture count per 2012 Uniform Plumbing Codes. Attach additional calculation sheet if necessary. Sample Attached.</i>		
<b>WATER: (ERC is equal to 1.12 acre feet of water)</b>		
Water Closet: <b>x</b> fixture units =	Other	: <b>x</b> fixture units =
Lavatory: <b>x</b> fixture units =	Other	: <b>x</b> fixture units =
Sink: <b>x</b> fixture units =	Other	: <b>x</b> fixture units =
Drinking Fountain: <b>x</b> fixture units =	Other	: <b>x</b> fixture units =
Total fixture units: <b>x</b> 25 gal/day <b>x</b> 365 days =                    gal/year		
<b>IRRIGATION USE (Based on Landscape Drawings)</b>		
Number of emitters <b>x</b>	times/week <b>x</b>	gal/hour <b>x</b> hour cycle =                    gal/week
Number of emitters <b>x</b>	times/week <b>x</b>	gal/hour <b>x</b> hour cycle =                    gal/week
Number of emitters <b>x</b>	times/week <b>x</b>	gal/hour <b>x</b> hour cycle =                    gal/week
Number of gal/week <b>x</b> irrigation weeks/year =                    gal/year		
<b>WATER TOTAL (facility + irrigation)</b> gal/year / 325,852 gal / acre feet =                    acre feet of water required		
gal/year / 365 days =                    gal/day / 1,000 gals/ERC =                    ERC <b>TOTAL WATER ERC:</b>		
<b>SEWER:</b>		
Water Closet: <b>x</b> fixture units =	Other	: <b>x</b> fixture units =
Lavatory: <b>x</b> fixture units =	Other	: <b>x</b> fixture units =
Sink: <b>x</b> fixture units =	Other	: <b>x</b> fixture units =
Drinking Fountain: <b>x</b> fixture units =	Other	: <b>x</b> fixture units =
<b>SEWER TOTAL</b> Fixture units <b>x</b> 25 gals/day / fixture unit =                    gals/day <b>x</b> Space(s) =                    gals/day		
gal/day / 345 gal/day/ERC =                    ERC <b>TOTAL SEWER ERC:</b>		

APPROVED: \_\_\_\_\_

DATE: \_\_\_\_\_