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DPHHS/FCSS Guidance Document

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| Date: April 15, 2015 | Reference Number: 04-15-15-B |
| Program: Retail food, Public Accommodations | Guidance Document: Circular FCS 1-2012 |
| Subject: Design Capacity for NPWS | Version: 1 |

The purpose of this guidance document is: This document provides guidance regarding the requirement of determining the capacity of non-public water systems serving licensed public establishments. With public water supplies (PWS), the designs of systems are reviewed by DEQ. For non-public systems, the designs are reviewed by the local sanitarian.

Rule Requirement: ARM 37.111.1, ARM 37.110.2

Body: Circular FCS 1-2012 is currently referenced in the Public Accommodation rules (ARM 37.111.1) and Retail Food Establishment rules (ARM 37.110.2). The following are excerpts from the Circular:

3.2 Design Capacity

3.2.1 The total developed water source capacity of the water system must meet projected maximum daily demand and peak instantaneous demand. Adequate storage in accordance with Chapter 6 will be required if the source capacity is not able to meet peak instantaneous demand.

7.1 Deviations Allowed

A deviation from the standards established in this circular may be granted by the regulatory authority, on a case-by-case basis.

The Circular requires a water system meet daily and peak instantaneous demands. Information demonstrating that the water system capacity satisfies the peak instantaneous demand must be provided to the sanitarian. The DEQ "Peak Demand Calculator" design spreadsheet may be used for calculating peak instantaneous demand on a water system. This spreadsheet is available on SharePoint, or may be requested from FCSS. Capacity of a well often may be determined from well logs and pump tests.

If meeting capacity and/or peak demands on the system is not possible, the owner may request a deviation as outlined in Chapter 7 of Circular FCS 1-2012.

For more information, please contact DPHHS-FCSS at 406-444-2837 or visit our website: www.fcss.mt.gov