

July 1, 2021

Deborah A.S. Hoag, PE, MBA
Utilities Manager
City of Reading
899 Morgantown Road
Reading, PA 19607
Via Email: Deborah.Hoag@readingpa.gov

DESIGN

DEVELOP

CONSTRUCT

MANAGE

PROCURE

MAINTAIN

RE: Sewer Flow Justification – Refuge Home
730-732 McKnight St., Reading, PA, 19601

Dear Ms. Hoag,

This letter is in response to an email inquiry sent on 6/30 regarding projected sanitary flows from the combination of two row homes into a single unit at 730 and 732 McKnight Street.

The reconfiguration of the attached family dwellings at 730 and 732 McKnight Street into a group home (hereafter referred to as Refuge Home) will not increase the units' sewage flow or sewage needs from the City of Reading Public Works Department. Refuge Home will consist of residential users contributing only sanitary wastewater to the municipal wastewater system. The peak daily sewage flows of the EDUs are 400 gallons/day, summing at 800 gallons/day for both units. Refuge Home's peak daily sewage flow will be 700 gallons/day, according to the 400 gallon/day provision for single family residences + 100 gallon/day for each bedroom over 3. As Refuge Home will have 6 bedrooms, the peak daily sewage flow of the facility can be accurately calculated at 700 gallons/day, which is within the existing parameters of 800 gallons/day for the EDUs.

All calculations are in accordance with Title 25, Chapter 73, §73.17 of the Pennsylvania Code, and terms are as defined in Chapter 467, §201 of the Reading Pennsylvania Code of Ordinances.

Sincerely,



John Stewart
President