
Re: MMLH Transfer

From Thane Kindred <thane.rmea@gmail.com>

Date Mon 1/12/2026 8:26 AM

To McKenna Webster <mckenna.webster@idwr.idaho.gov>; Kristin Moore <kristin.rmea@gmail.com>

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McKenna,

To calculate the required instantaneous rate, we worked with the client to determine how many toilets, sinks and spigots the development would have and the estimated the rate required for those fixtures. You'll notice that we estimated high because these facilities will be open to the public and we wanted to account for the busiest times of the day, not "average" or "normal" use. Our calculations are summarized the table below.

	Gpm/ficture	# Fixtures	Total gpm
Toilets	5	9	45
Sinks	2	12	60
Exterior Spigots	18	6	30
		Total gpm	135
		total cfs	0.30

Please let us know if you have any additional questions.

On Tue, Jan 6, 2026 at 1:58 PM McKenna Webster <mckenna.webster@idwr.idaho.gov> wrote:
Thane,

The MMLH Transfer proposes 3.1 af and 0.3 cfs for a gas station and convenience/hardware store. How was it determined that 0.3 cfs was required to meet peak instantenous demand? Could you provide information regarding the calculations?

Thank you

McKenna Webster | Water Resource Agent

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