

January 10, 2020

Armco Capital Inc.

145 Hobson Lake Drive, Suite 400

Halifax, NS B3S 0H9

Attention: Laura Masching, Planner

RE: Hines Road – Water Use Car Wash vs Residential

DesignPoint Project #: 18-003

We have prepared site civil / servicing designs for automatic car wash facilities in HRM and are aware of the water use per car and the number of car washes per year.

A car wash would use approximately 400 L/car wash. A busy car wash in HRM would wash approximately 27,000 cars per year.

The annual water consumption would be $27,000 \times 400L = 10,800,000 L$ or $10,800,000 L/365 = 29,589 L/day$.

The Halifax Water Design Guidelines specify 410 L/person per day (average day) for residential use. Therefore $29,589 / 410 = 72$ persons.

The water use from one (1) automatic car wash is approximately equivalent to the water use from a residential development with 72 persons.

If you have any questions, please feel free to contact us.

Thank you,

DesignPoint Engineering & Surveying Ltd.

Original Signed

Glenn Woodford, P.Eng.

Senior Engineer & Principal

GSW/alc