



**NOVA FLOWTEC SERVICES LTD**  
HYDRANT TESTING SPECIALISTS

E: [info@novaflowtec.co.nz](mailto:info@novaflowtec.co.nz)  
T: 09 444 8375 F: 09 444 8458  
PO Box 241, Albany Village, Auckland 0755  
[www.novaflowtec.co.nz](http://www.novaflowtec.co.nz)

11<sup>th</sup> October 2024

Babbage Consultants  
Level 4 Quay Park Health  
68 Beach Road  
Auckland 1010

**RE: Firefighting Water Supply at 198 – 214 Dominion Road and 113 & 115 Valley Road, Mount Eden**

**Attention: Javier Lopez**

Dear Javier

Nova Flowtec Services were engaged to conduct a FW3 hydrant flow test for the proposed development at the above address.

The testing was conducted on Friday 11th October at 9.50am.

The object of the testing was to prove that there is sufficient water for firefighting purposes.

**Requirements:**

In order to meet the FW3 minimum requirements of PAS 4509: 2008, 25Lps is required within 135m and an additional 25Lps is required within 270m of the development.

This being a total of 50Lps at a minimum residual pressure of 100kPa.

**Results:**

During testing the minimum requirement was exceeded with 52.2Lps at 870kPa and 220kPa being recorded. Please find the results table and the hydrant map on the following page.

Should you have any questions please do not hesitate to contact me.

Kind Regards

Melanie Keane  
Testing Manager

FW3 Water Classification Test

	Hydrant One	Hydrant Two	Hydrant Three	Total Flow (Lps)	Pressure (kPa) A	Pressure (kPa) B
Flow (Lps)				0	920	465
Flow (Lps)	26.6			26.6	870	465
Flow (Lps)	26.6	25.6		52.2	870	220
Flow (Lps)	Not required	Not required	Not required	n/a	n/a	n/a
Date & Time:	Friday 11th October 2024 at 9.50am.					
Site Address:	198 – 214 Dominion Road and 113 & 115 Valley Road, Mount Eden					
Full Flow Result:	52.2Lps at 870kPa & 220kPa					

Hydrant Map

