



81 Todd Road Suite 202 Georgetown Ont. L7G 4R8
(o) 905-467-5853 (c) 905-971-9956 (e) mark@aquacom.ca

October 27, 2021

Alexandra Proco
S. Lewellyn & Associates Ltd.
3228 South Service Road
Burlington, Ontario
L7N 3H8

**Reference: 526 Winona Road
City of Hamilton
Hydrant Flow Testing**

The flow testing was completed on Tuesday 12 October 2021 as scheduled.

As these hydrants are on municipal watermains in the City of Hamilton the Public Works Department were scheduled to assist with the operation of the hydrants.

Please find the attached summary of test results. For your information;

the hydrant was flowed from one than two nozzles, using flow diffusers
residual pressures were recorded from a second fire hydrant
theoretical flows were produced from the attached chart, using a .90 nozzle coefficient
all discharge water was dechlorinated as per Ministry requirements
the hydrants were not colour coded at the time of the test

If you should require any further information please do not hesitate to contact the undersigned.

Sincerely yours,

Aquacom Contracting
Mark Kilbourne



HYDRANT FLOW TEST REPORT

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	HYDRANT	SEC. VALVE	TECH.	TIME	STATIC	PITO 1-2.50"	FLOW 1-2.50"	RESIDUAL 1-2.50"	PITO 2-2.50"	FLOW 2-2.50"	RESIDUAL 2-2.50"	COLOUR	
	MAKE	CONDITION			PSI	PSI	US GPM	PSI	PSI	US GPM	PSI	CODE	
F1	527 WINONA ROAD	SA01H004	CV	OK/OPEN	MC	1230		54	1234		35	1986	BLUE
R1	512 WINONA ROAD	SA01H005	MCAVITY	OK/OPEN	MK		70			66		56	
F2	69 EAST STREET	SA01H009	CV	OK/OPEN	MC	1245		63	1333		42	2176	BLUE
R2	41 EAST STREET	SA01H008	CV	OK/OPEN	MK		70			64		60	
F3													
R3													
F4													
R4													
F5													
R5													

CUSTOMER

S LLEWELLYN & ASSOCIATES
FENGATE LIUNA GARDENS

LOCATION

526 WINONA ROAD
STONEY CREEK, HAMILTON

CONTACTS ON SITE

CITY OF HAMILTON OPERATOR



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SITE NAME FENGATE LIUNA GARDENS

TEST DATE TIME TUESDAY 12 OCTOBER, 2021 @ 12:30

SITE ADDRESS 526 WINONA ROAD, CITY OF HAMILTON

TECHNICIANS MARC COULTER & MARK KILBOURNE

COMMENTS MUNICIPAL HYDRANTS

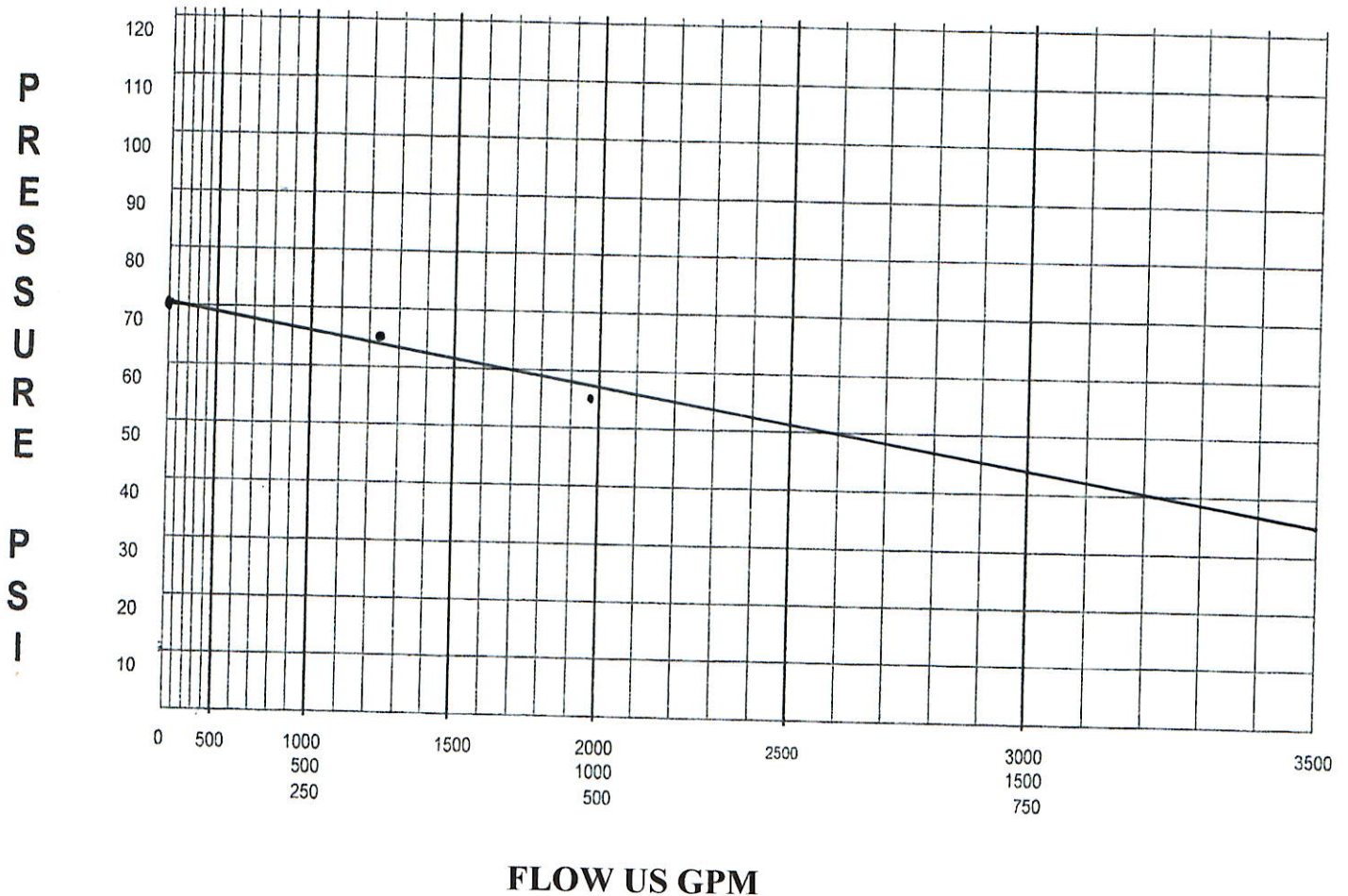
LOCATION OF FLOW HYDRANT

527 WINONA ROAD

LOCATION OF RESIDUAL HYDRANT

512 WINONA ROAD

# OUTLETS	SIZE INCHES	PITO PSI	FLOW USGPM	RESIDUAL PSI	STATIC PSI	PIPE DIA. MM
ONE	2.50	54	1234	66	70	200MM
TWO	2.50	35	1986	56		CI
		THEORETICAL	3949	20	TEST #	ONE
NOZZLE COEFF.		.90				





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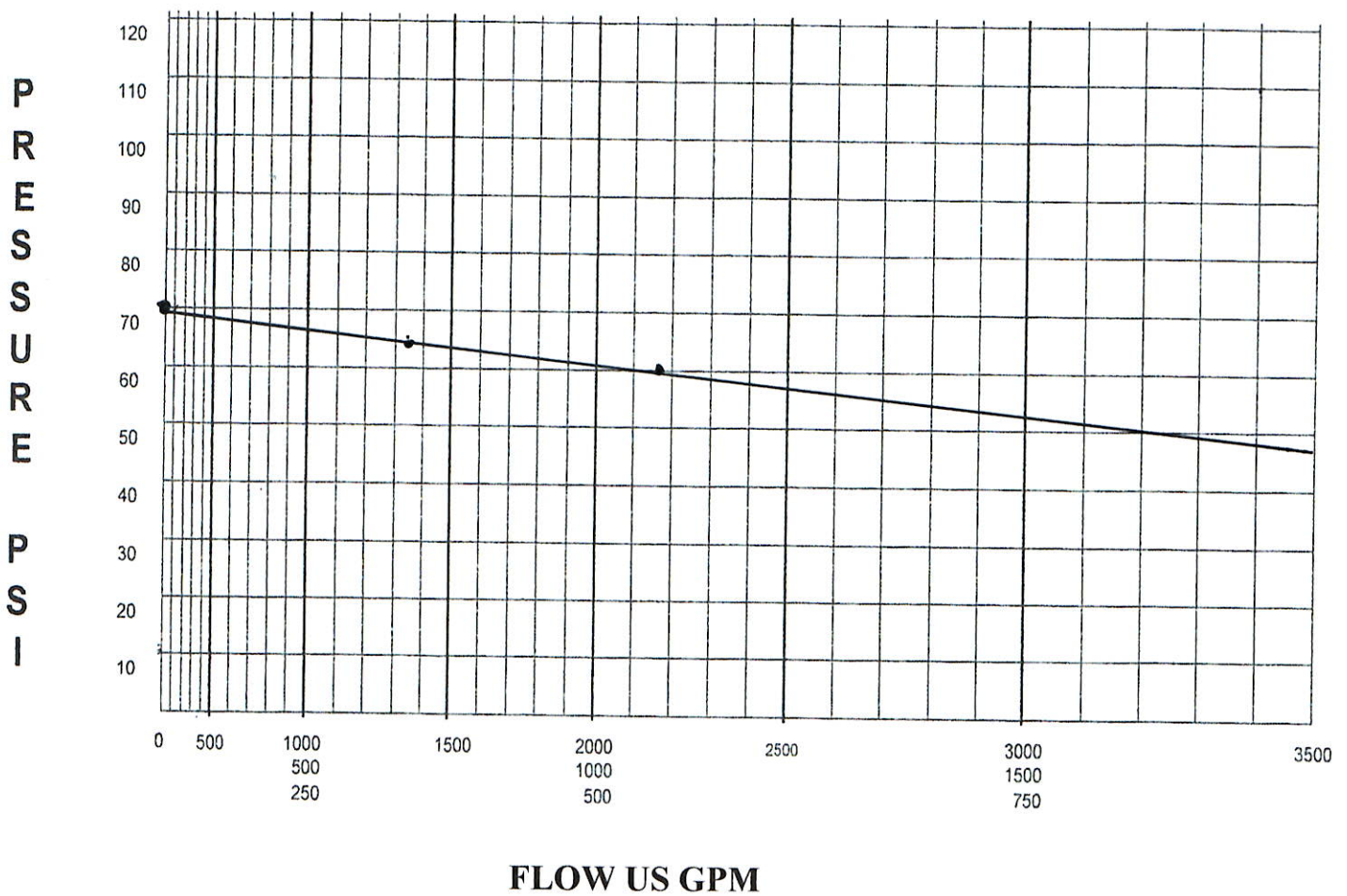
LOCATION OF FLOW HYDRANT

69 EAST STREET

LOCATION OF RESIDUAL HYDRANT

41 EAST STREET

# OUTLETS	SIZE INCHES	PITO PSI	FLOW USGPM	RESIDUAL PSI	STATIC PSI	PIPE DIA. MM
ONE	2.50	63	1333	64	70	200MM
TWO	2.50	42	2176	60		PVC
		THEORETICAL	5189	20	TEST #	TWO
NOZZLE COEFF.		.90				



FLOW US GPM