



THE REGIONAL MUNICIPALITY OF DURHAM
WORKS DEPARTMENT

FLOW TEST SUMMARY AND RESULTS

Requested by: <u>Heikki Loorand</u>	Account No.: _____
Company: <u>Candevcon East Ltd.</u>	
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<u>L1N 9B2</u>	
Test Location: <u>3225 CONCESSION RD 5</u>	
Municipality: <u>AJAX</u>	
Date: <u>05-08-2025</u>	Time: <u>11:00AM</u>
Conducted by: <u>J.G./J.B.</u>	

Flow Hydrant: J46

Monitoring Hydrant: J20

Nozzle Size (in.)	Residual Pressure (p.s.i.)		Pitot Guage	Flow (i.g.p.m.)
	Field Reading @ Monitoring Hydrant	Actual @ Flow Hydrant (adjusted)*	Pressure (p.s.i.)	
STATIC	50.0	49.3		0.0
1-1/2	49.0	48.3	52.0	400.8
1-3/4	47.0	46.3	48.0	524.1
2-1/2	46.0	45.3	40.0	885.4
2 x 2-1/2				

* Calculation based on gain/loss in pressure due to elevation difference between flow & monitoring hydrants

Hydrant Elevations (ft.)	
Flow Hydrant:	<u>426.509</u>
Static Hydrant:	<u>424.86877</u>
Difference:	<u>1.64023</u>
Pressure Diff. (p.s.i.):	<u>0.7</u>

Comments: _____

Flow for 1-1/2 & 1-3/4 nozzle calculated using Discharge of smooth nozzles

Flow for 2-1/2 nozzle calculated using Discharge for circular outlets

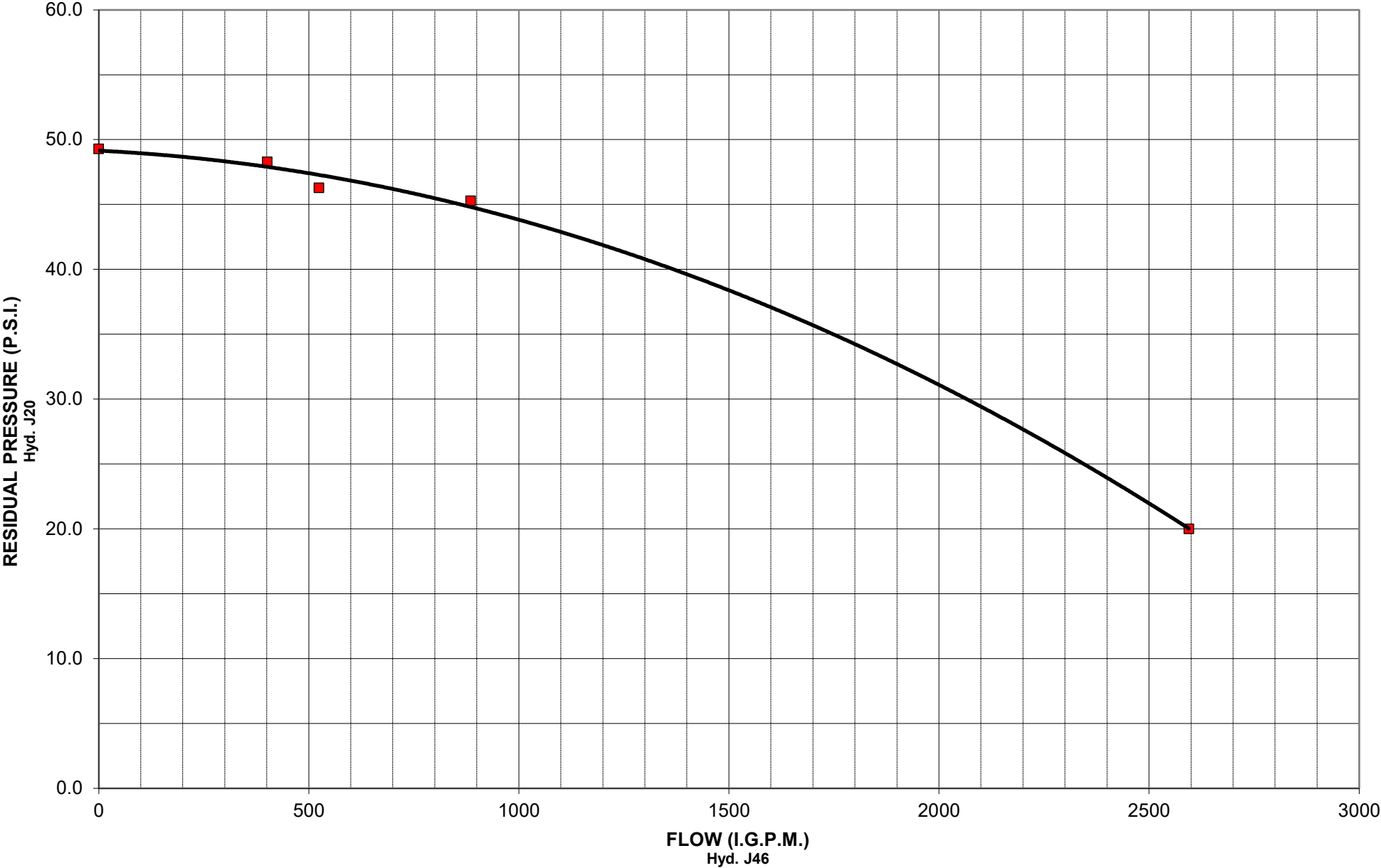
Results	
Static Pressure	<u>49.3</u>
Flow at 20 p.s.i. (l.g.p.m.):	<u>2595</u> (approx.)
Checked by:	_____

Disclaimer for Fire Flow Tests

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FIRE FLOW TEST
(Graph of Residual Pressure vs. Hydrant Flow)

Location: 3225 CONCESSION RD 5
Municipality: AJAX
Date: MAY 8 2025





1: 1,250



Legend

Water Pumping Station

- Water Pumping Station - Proposed
- Water Pumping Station - Not in Ser
- Water Pumping Station - Not Applic
- Water Pumping Station - Assumed/
- Water Pumping Station - Abandone

Water Supply Facility

- Municipal Well - In Service
- Municipal Well - Abandoned
- Municipal Well - Not in Service
- Municipal Well - Not Applicable
- Water Supply Plant - In Service
- Water Supply Plant - Not in Service

Water Storage Facility

- Reservoir - In Service
- Reservoir - Not in Service
- Storage Tank - In Service
- Wet Well - Assumed

Inoperable Valves

- Inoperable
- Unknown

Water Control Valve

- Control Valve
- Curbstop Non Residential
- Curbstop Residential
- Zone Valve

Notes

FLOW - J46
STAT - J20

63.5 0 31.75 63.5 Meters

NAD_1983_UTM_Zone_17N

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