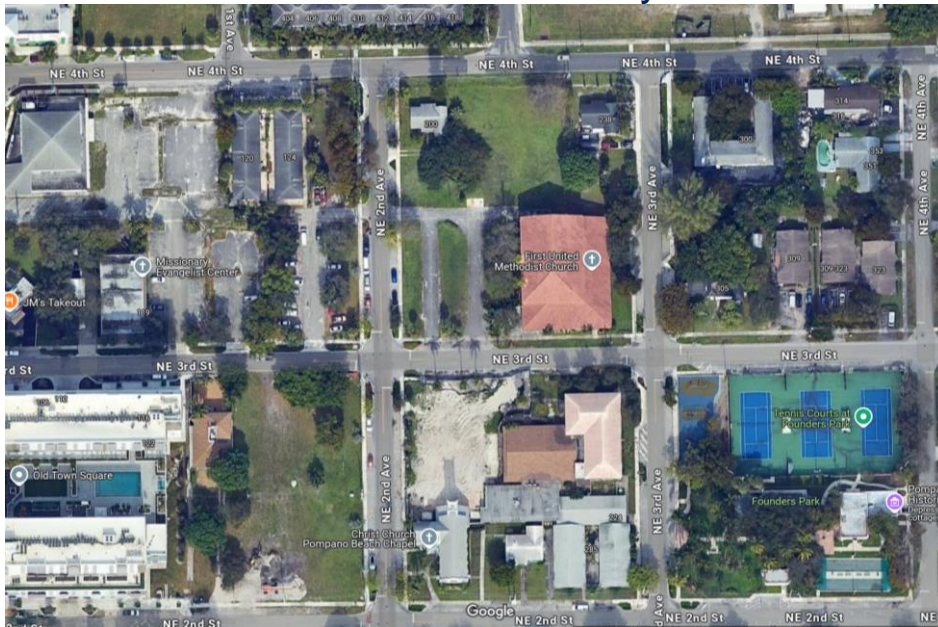




**FIRE HYDRANT FLOW TEST REPORT**  
**210-217 NE 3RD Street, Pompano Beach, FL 33060**  
**BROWARD County**



26.234328, -80.122073

Submitted by:  
Priority Engineering South, LLC  
501 W Euclid Ave  
Tampa, Florida, 33602

Prepared by:  
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Florida PE# 75373

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**BOHLER //**

**Bohler Project ID#: FLB240130.00**

Prepared On: April 9, 2025

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## PROJECT SUMMARY

A fire hydrant flow test was requested at the subjected location. This report details the specific pressures and flows of the on-site equipment. Exhibit #1 shows an aerial of the overall site as provided by the Client. Exhibit #2 is a map of GIS data provided by AHJ. From this information we were able to determine these hydrants are located on the same circuit. Hydrant #2 – Static/Residual is on an 8-inch main, and Hydrant #1 – Flow is on a 6-inch main. The potable water plant is located approximately 1-mile north of your project site (Address: 1205 NE 5th Ave, Pompano Beach, FL 33060). Per the Client, the facility will be designed to a 199 WSFU @ 65 PSI.

We met with Ms. Ashley Zalewski, Plans Examiner with Pompano Beach, both days we were on site. On Tuesday April 8, 2025, we initiated pressure data collection at 08:00 hours (AM). We connected to the 2.5-inch port connection of the Hydrant #2 and installed our pressure transducer, taking pressure readings at 30-second intervals. The static and residual pressure readings for our testing were obtained through this device. We traveled back on-site Wednesday April 9, 2025, to conduct the flow portion of the testing at 08:00 hours (AM). We connected to Hydrant #1 to obtain flow readings. With information provided by the AHJ we were able to determine that these hydrants are on the same circuit. At the time of testing Tuesday April 8, the weather was 68F and overcast with heavy thunderstorms in the area. At the time of testing on Wednesday April 9, the weather was 72F and clear. No major fire events were reported in the area on either day, nor any maintenance on the water main or system(s). It was assumed the water system was fully active and all hardware/equipment (i.e. valves, backflow prevention, etc.) fully open and operational ahead of our arrival. The conditions observed for our testing were in line with what would be assumed for the day/time testing was conducted. NO valves or other hardware were exercised while on site.

### Pompano Pickle - Fire Flow Test Exhibit



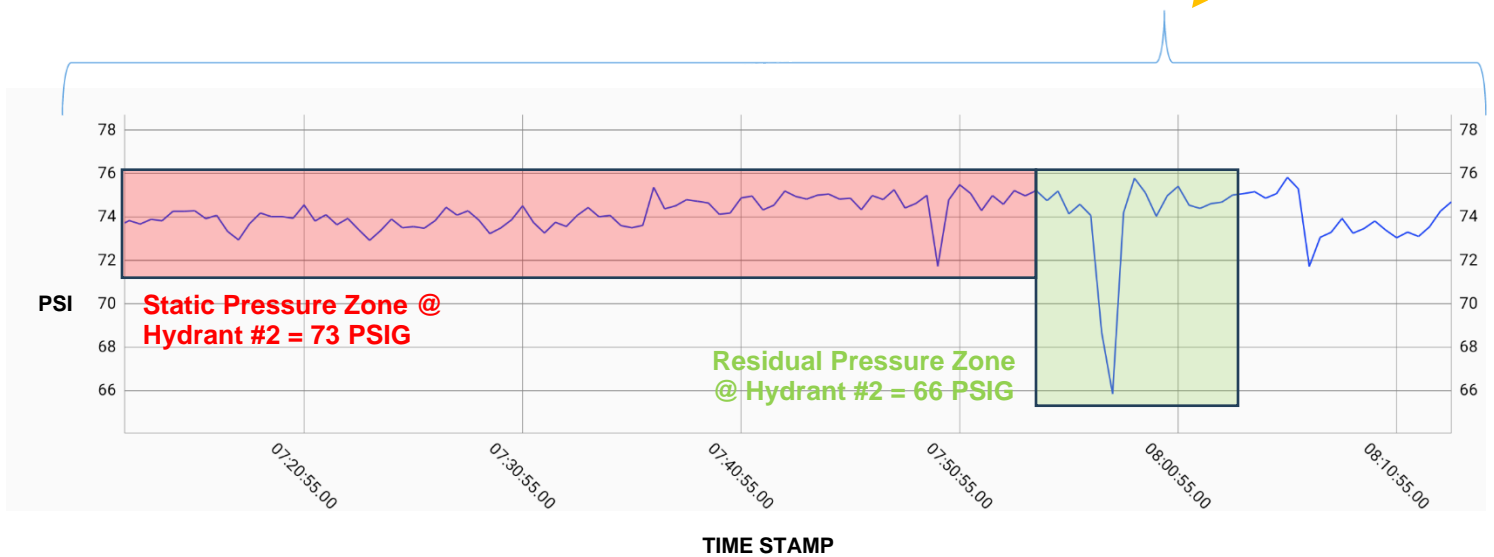
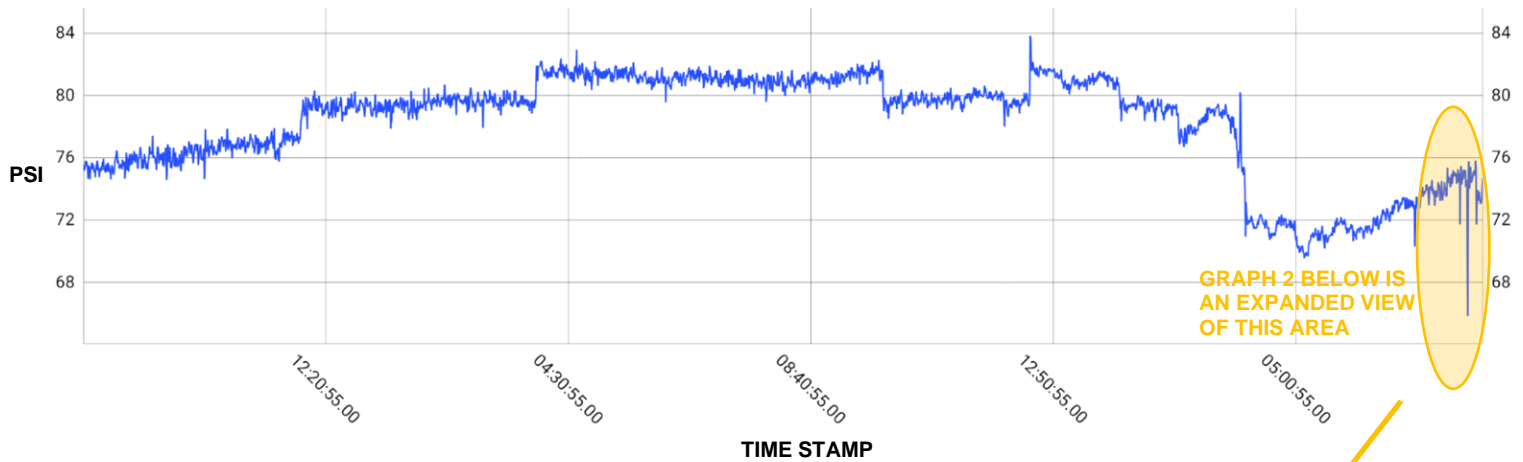
EXHIBIT 1 – AERIAL OF PROJECT SITE





## HYDRANT FLOW DATA

Below is the data captured during the on-site flow testing. Hydrant names are as they are labeled in the above Exhibits. Please note, the AHJ required pressure data collection for 24 hours leading up to the flow portion of the test. Graph #1 is of the 24 hours. Graph #2 is focused on the flow portion of the test only, performed at 08:00 hours (AM) on Wednesday, 4/9/2025.



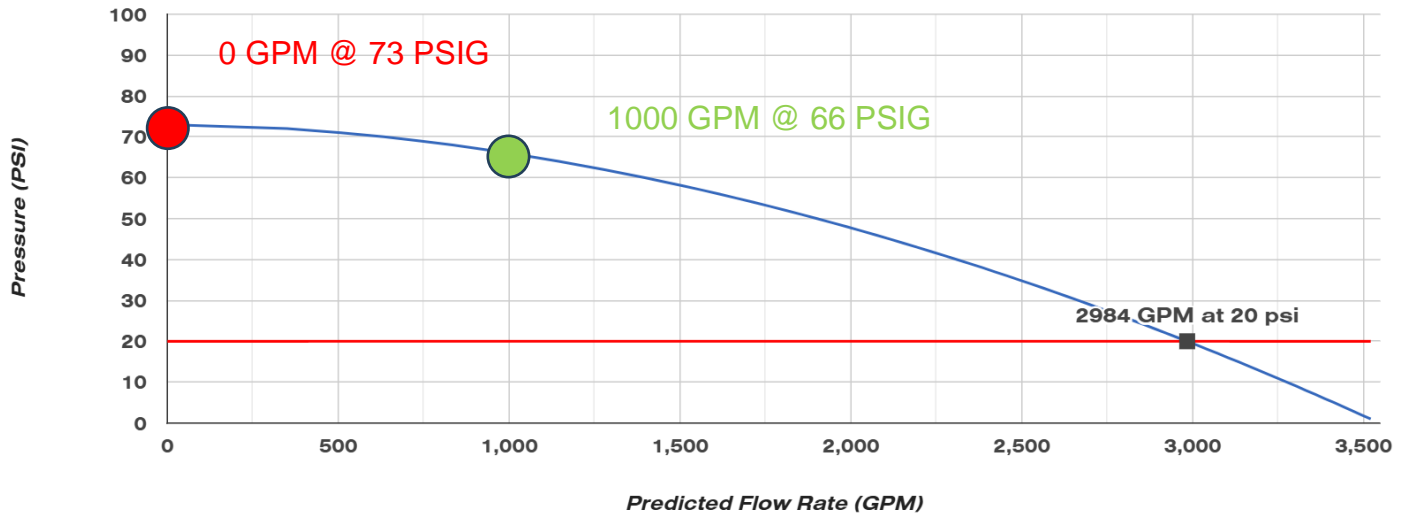


Flow & Pressure @ Hydrant #1 = 1000 GPM (Pitot Reading = 37.5 PSI)



## FLOW CHART

Chart below shows on site pressures and flows as it correlates to NFPA fire protection requirements to the minimum 20 PSIG.



# APPENDIX



## A - ADDITIONAL SITE PHOTOS

Hydrant #1 Flow – Elevation = 16 FEET (26.23471, -80.12164)





**Hydrant #2 Static/Residual – ELEVATION = 17 FEET (26.23431, -80.12208)**



## B - CALIBRATION CERTIFICATES

FLOW GAUGE (SN: 03-4786-X)



Florida Precision Tool  
21933 US HWY 19 N  
Clearwater, Florida 33765  
(727)734-8589

### Calibration Certificate

Certification Number: 10308

Customer: PES Engineers  
Contact: Tom Bernard  
Address: 501 West Euclid Avenue

Tampa, FL 33602 USA

Phone: (813)373-9595

Purchase Order:

Calibration Date: April 7, 2025

Due Date: April 7, 2026

Recall Interval: 12 Months

Temperature: 76 F

Humidity: 48%

New / Recal: Recal

Tool Name: FRG-160

Equipment: Additel 959A

Model: T6107134

Manufacturer: POLLARDWATER

Capacity: 160 PSI

Accuracy: +/- 1% FS

Type / Class: 160 PSI Flow Rate Gauge

Serial Number: 03-4786-X

Lot / ID: 5095

Testing Procedure: PG-CP01

Units: PSI

	Nominal	As Found		Nominal	As Left		Nominal	+ Tolerance -	
PSI	30	Pass	Pass	30	Pass	Pass	30	1.6	1.6
	60	Pass	Pass	60	Pass	Pass	60	1.6	1.6
	90	Pass	Pass	90	Pass	Pass	90	1.6	1.6
	120	Pass	Pass	120	Pass	Pass	120	1.6	1.6
	160	Pass	Pass	160	Pass	Pass	160	1.6	1.6

Manufacturer	Item	Model	Serial Number	Due Date	NIST Traceability
FLUKE	100 PSI Fluke Gaug	2700G-BG700K	5814333	10/1/2025	A5755153
FLUKE	Fluke 1K Pressure	C2700G-1000	5762085	2/13/2026	41397-1

We certify that this equipment has been compared to standards traceable to N.I.S.T. and/or NPL and has been calibrated to the stated accuracy.

The issuer of this certificate bears sole responsibility for calibration and documentation thereof.

Comments:

Technician: ZACHARY BERKO

Date: April 7, 2025

This certificate shall not be reproduced, except in full, without the written approval of the laboratory.



**PURESSURE TRANSDUCER (SN: B22961-B)**



Florida Precision Tool  
21933 US HWY 19 N  
Clearwater, Florida 33765  
(727)734-8589

**Calibration Certificate**

Certification Number: **10307**

Customer: PES Engineers  
Contact: Tom Bernard  
Address: 501 West Euclid Avenue

Calibration Date: April 7, 2025  
Due Date: April 7, 2026  
Recall Interval: 12 Months  
Temperature: 76 F  
Humidity: 48%  
New / Recal: New

Tampa, FL 33602 USA  
Phone: (813)373-9595

Purchase Order:

Tool Name: TD-250  
Equipment: Additel 959A  
Model: TDWLB-DL0250034  
Manufacturer: TRANSDUCERS DIRECT  
Capacity: 250 PSI  
Accuracy: +/- 1%

Type / Class: 250 PSI Pressure Transducer  
Serial Number: B22961-B  
Lot / ID: 5095  
Testing Procedure: PG-CP01  
Units: PSI

	Nominal	As Found		Nominal	As Left		Nominal	+ Tolerance -	
PSI	50	50.2	Pass	50	50.2	Pass	50	0.5	0.5
	100	100.7	Pass	100	100.7	Pass	100	1	1
	150	149	Pass	150	149	Pass	150	1.5	1.5
	200	200.2	Pass	200	200.2	Pass	200	2	2
	250	250.3	Pass	250	250.3	Pass	250	2.5	2.5

Manufacturer	Item	Model	Serial Number	Due Date	NIST Traceability
FLUKE	100 PSI Fluke Gauge	2700G-BG700K	5814333	10/1/2025	A5755153
FLUKE	Fluke 1K Pressure Gauge	2700G-1000	5762085	2/13/2026	41397-1

We certify that this equipment has been compared to standards traceable to N.I.S.T. and/or NPL and has been calibrated to the stated accuracy.

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Comments:

Technician: ZACHARY BERKO  
Date: April 7, 2025

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## DISCLOSURE

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