



CIVIL ENGINEERING CONSULTANTS, INC.

Civil & Environmental Engineering

May 22, 2023

Ms. Denise Clayton-Purvis
The GLOBE Academy
2225 Heritage Drive NE
Atlanta, GA 30345

RE: Fire Hydrant Test Results for 1994 Clairmont Road, DeKalb County, Georgia

Dear Ms. Clayton-Purvis:

On Monday, May 16, 2023, Civil Engineering Consultants, Inc. (CEC) performed one (1) fire hydrant flow test for Clairmont Rd in DeKalb County, Georgia. The results of the tests are given in the tables below.

Flow Test Summary – Fire Hydrant #1

Location: Clairmont Rd (See attached)

Date and Time of Test: 05-16-23 @ 10:59 AM

Water System Owner: DeKalb County

Witness: DeKalb County Watershed Department

Water Main Size: N/A

Static Pressure (@ Test FH): 80 psi

Size Nozzle: 1 @ 2.5"

Residual Pressure (@ Test FH): 46 psi

Pitot Pressure (@ Flow FH): 46 psi

Flow (@ Flow FH): 1,138 gpm

Flow @ 20 psi at source: 1,476 gpm

Water flowed during test: 1,593 gallons

Test Conducted by: Scott Madsen, Civil Engineering Consultants, Inc.

The flows at 20 psi represent a decreased Hydraulic Grade Line (HGL) of 5 psi to simulate periods of high sustained demand. Please call with any questions.

Very truly yours,
CIVIL ENGINEERING CONSULTANTS, Inc.

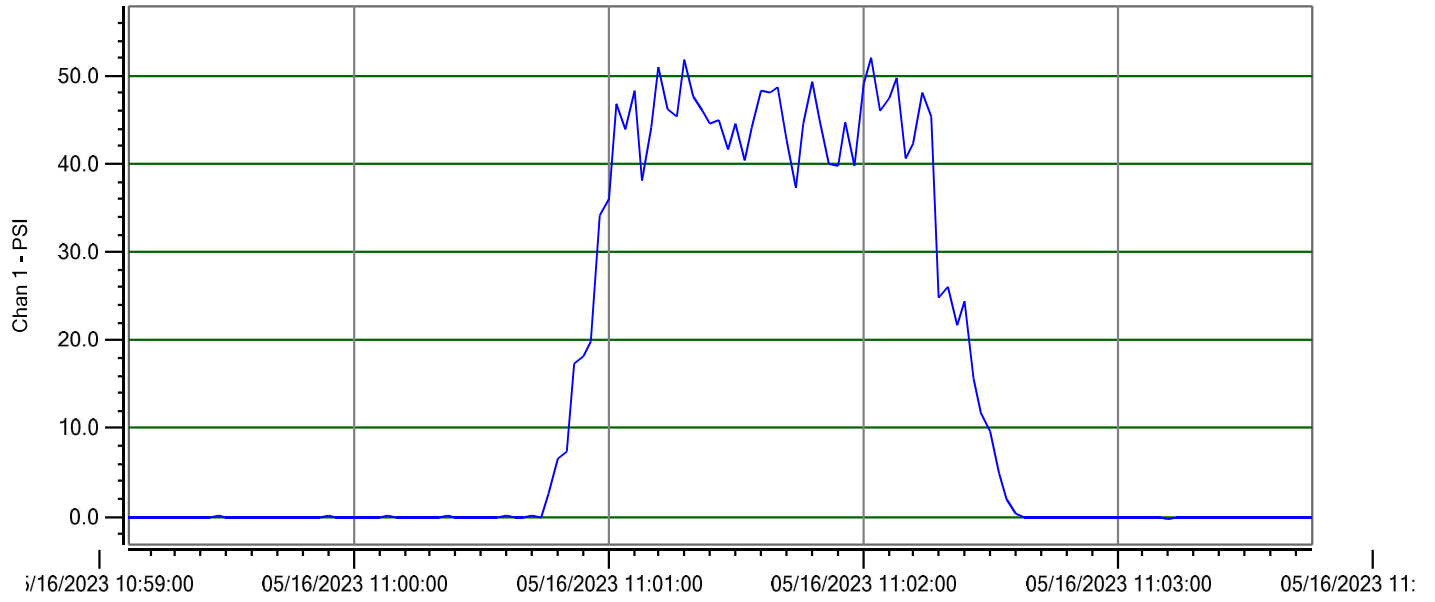
Andrew E. Lovejoy, P.E.
President



Enclosures: Site Sketch
Data Logger



Test Hydrant Pitot Gauge



Data Date: 05/16/2023 10:59:07

Unit Tag: 4101367

File:

Serial Number: 4102103B0

Water flowed during test:
1,424 gpm (16:41:21 - 16:40:18) = 1,495 gallons