

Customer Cities Metering Test

LOCATION: Glen Heights
TOTALIZER OUT OF SERVICE 9101170

DATE 04-02-2025
TOTALIZER IN SERVICE 9101210

MAX. FLOW 8 MAX. DIFF. 91.32 FLOW RATE 4.2 MULTIPLIER 1,000

FORMULAS: TEST FLOW = (STOP TOTALIZER - START TOTALIZER) x METER MULTIPLIER
ACTUAL FLOW = MANOMETER FLOW x TEST TIME
% ERROR = ACTUAL FLOW - TEST FLOW / ACTUAL FLOW x 100

TEST #1: DATE 4-2-25 ERROR(%) -0.04 FLOW(MGD) 4.16
TEST #1: DATE _____ ERROR(%) _____ FLOW(MGD) _____

FLOW RATE 4.16 OR % OF FLOW _____ SIMULATED INCHES _____ %ERROR -0.04

STOP TOTALIZER 1203 - START TOTALIZER 1174 x 1,000 = TEST FLOW 29,000
6.5 + 6.2 = 4.166 MGD/1440 = 2893.10 x 10.019 (TIME) = ACTUAL FLOW 28,987.433
ZERO .250 (V) FLOW SIGNAL .767 (V) = 4.136 MGD TEST TIME 10:01.17 = 10.0195

REMARKS _____

FLOW RATE _____ OR % OF FLOW _____ SIMULATED INCHES _____ %ERROR _____

STOP TOTALIZER _____ - START TOTALIZER _____ x _____ = TEST FLOW
+ _____ = _____ MGD/1440 = _____ x _____ (TIME) = ACTUAL FLOW
ZERO _____ (V) FLOW SIGNAL _____ (V) = _____ MGD TEST TIME _____ = _____

REMARKS _____

FLOW RATE _____ OR % OF FLOW _____ SIMULATED INCHES _____ %ERROR _____

STOP TOTALIZER _____ - START TOTALIZER _____ x _____ = TEST FLOW
+ _____ = _____ MGD/1440 = _____ x _____ (TIME) = ACTUAL FLOW
ZERO _____ (V) FLOW SIGNAL _____ (V) = _____ MGD TEST TIME _____ = _____

REMARKS _____

FLOW RATE _____ OR % OF FLOW _____ SIMULATED INCHES _____ %ERROR _____

STOP TOTALIZER _____ - START TOTALIZER _____ x _____ = TEST FLOW
+ _____ = _____ MGD/1440 = _____ x _____ (TIME) = ACTUAL FLOW
ZERO _____ (V) FLOW SIGNAL _____ (V) = _____ MGD TEST TIME _____ = _____

REMARKS _____

VAULT CONDITION

Verified & logged 4/10/25 J.L.

TEST PREPARED BY William Young

Customer Cities Metering Test

LOCATION: Glen Heights
TOTALIZER OUT OF SERVICE 9318474

DATE 07-01-2025
TOTALIZER IN SERVICE 9318511

MAX. FLOW 8 MAX. DIFF. 91.32 FLOW RATE 4.5 MULTIPLIER 1000

FORMULAS: TEST FLOW = (STOP TOTALIZER - START TOTALIZER) x METER MULTIPLIER
ACTUAL FLOW = MANOMETER FLOW x TEST TIME
% ERROR = ACTUAL FLOW - TEST FLOW / ACTUAL FLOW x 100

TEST #1: DATE 07-01-2025 ERROR(%) 0.74 FLOW(MGD) 4.5
TEST #1: DATE _____ ERROR(%) _____ FLOW(MGD) _____

FLOW RATE 4.5 OR % OF FLOW _____ SIMULATED INCHES _____ %ERROR 0.74

STOP TOTALIZER 9318509 - START TOTALIZER 9318477 x 1000 = TEST FLOW 32000
7.5 + 7.10 = 4.54368700 MGD/1440 = 3154.64325 x 10.220 (TIME) = ACTUAL FLOW 32241.51073
ZERO 0.250 (V) FLOW SIGNAL 0.812 (V) = 4.496 MGD TEST TIME 10.13.22 = 10.220

REMARKS _____

FLOW RATE _____ OR % OF FLOW _____ SIMULATED INCHES _____ %ERROR _____

STOP TOTALIZER _____ - START TOTALIZER _____ x _____ = TEST FLOW
_____ + _____ = _____ MGD/1440 = _____ x _____ (TIME) = ACTUAL FLOW

ZERO _____ (V) FLOW SIGNAL _____ (V) = _____ MGD TEST TIME _____ = _____

REMARKS _____

FLOW RATE _____ OR % OF FLOW _____ SIMULATED INCHES _____ %ERROR _____

STOP TOTALIZER _____ - START TOTALIZER _____ x _____ = TEST FLOW
_____ + _____ = _____ MGD/1440 = _____ x _____ (TIME) = ACTUAL FLOW

ZERO _____ (V) FLOW SIGNAL _____ (V) = _____ MGD TEST TIME _____ = _____

REMARKS _____

FLOW RATE _____ OR % OF FLOW _____ SIMULATED INCHES _____ %ERROR _____

STOP TOTALIZER _____ - START TOTALIZER _____ x _____ = TEST FLOW
_____ + _____ = _____ MGD/1440 = _____ x _____ (TIME) = ACTUAL FLOW

ZERO _____ (V) FLOW SIGNAL _____ (V) = _____ MGD TEST TIME _____ = _____

REMARKS _____

VAULT CONDITION

vaunt is in good working order.

Verified & logged 7-7-25 jh

TEST PREPARED BY

Francisco Aguilar

Customer Cities Metering Test

LOCATION: Glen Heights
TOTALIZER OUT OF SERVICE 9579785

DATE 10-02-2025
TOTALIZER IN SERVICE 9579908

MAX. FLOW 8 MAX. DIFF. 91.32 FLOW RATE 4.2 MULTIPLIER 1,000

FORMULAS: TEST FLOW = (STOP TOTALIZER - START TOTALIZER) x METER MULTIPLIER
ACTUAL FLOW = MANOMETER FLOW x TEST TIME
% ERROR = ACTUAL FLOW - TEST FLOW / ACTUAL FLOW x 100

TEST #1: DATE 10-02-25 ERROR(%) -0.47 FLOW(MGD) 4.2
TEST #1: DATE _____ ERROR(%) _____ FLOW(MGD) _____

FLOW RATE 4.21 OR % OF FLOW _____ SIMULATED INCHES _____ %ERROR -0.47

STOP TOTALIZER 9900 - START TOTALIZER 9870 x _____ = TEST FLOW 30,000
6.5 + 6.5 = 4.21 MGD/1440 = 2927.07 x 10.200 (TIME) = ACTUAL FLOW 29,858.581
ZERO .250 (V) FLOW SIGNAL 0.777 (V) = 4.216 MGD TEST TIME 1012.05 = 10.200
REMARKS _____

FLOW RATE _____ OR % OF FLOW _____ SIMULATED INCHES _____ %ERROR _____

STOP TOTALIZER _____ - START TOTALIZER _____ x _____ = TEST FLOW _____
_____ + _____ = _____ MGD/1440 = _____ x _____ (TIME) = ACTUAL FLOW _____
ZERO _____ (V) FLOW SIGNAL _____ (V) = _____ MGD TEST TIME _____ = _____
REMARKS _____

FLOW RATE _____ OR % OF FLOW _____ SIMULATED INCHES _____ %ERROR _____

STOP TOTALIZER _____ - START TOTALIZER _____ x _____ = TEST FLOW _____
_____ + _____ = _____ MGD/1440 = _____ x _____ (TIME) = ACTUAL FLOW _____
ZERO _____ (V) FLOW SIGNAL _____ (V) = _____ MGD TEST TIME _____ = _____
REMARKS _____

FLOW RATE _____ OR % OF FLOW _____ SIMULATED INCHES _____ %ERROR _____

STOP TOTALIZER _____ - START TOTALIZER _____ x _____ = TEST FLOW _____
_____ + _____ = _____ MGD/1440 = _____ x _____ (TIME) = ACTUAL FLOW _____
ZERO _____ (V) FLOW SIGNAL _____ (V) = _____ MGD TEST TIME _____ = _____
REMARKS _____

VAULT CONDITION

Verified & logged 10/7/25 JH

TEST PREPARED BY William Young