

Exhibit 3
FLOW TEST



Department of Water Services

Flow Test Report

Application Location: 1899 9TH ST NE

Job No:

Reason for Application: Hydrant Flow Test for Developer - 1899
9th STREET NE

Application Received: 6/16/11

Pressure Zone/Reservoir Elev: 1st HI/Soldiers Home/246'-249'

SO #: 11-82361

Discharge Hydrant # 1	
Location: BRENTWOOD RD BET T ST AND V ST NE WestSide - AT ENTRANCE TO POST OFFICE	
Asset #: H09612	
# of Outlets Flowed:	2
Outlet Dia. (in.):	2.5
Velocity Pressure 1:	12
Velocity Pressure 2:	12
Rate (gpm):	1033

Discharge Hydrant # 2	
Location: REAR OF 1899 9TH ST NE SouthSide	
Asset #: H09614	
# of Outlets Flowed:	2
Outlet Dia. (in.):	2.5
Velocity Pressure 1:	19
Velocity Pressure 2:	19
Rate (gpm):	1300

Total Flow (gpm):	2333
Residual Hydrant	
Location:	
Asset #: H08154	
FH Elevation (ft.):	138
Static Pressure (psi):	42
Residual Pressure (psi):	30
Pressure Loss (psi):	12
Observed Flow at Residual Hydrant	
# of Outlets Flowed:	2
Outlet Dia. (in.):	2.5
Velocity Pressure 1:	16
Velocity Pressure 2:	16
Total Observed Flow:	1193
Calculations	
Reservoir Elevation (ft):	247
Minus FH Elevation (ft):	138
FH Water Level (ft.):	109
Divide By:	2.31
Theoretical FH Pressure (psi):	47

THEORETICAL HYDRANT PRESSURE = 47 psi. FLOW AVAILABLE AT 20 psi RESIDUAL = 3,237 gpm

Flow at 20psi is an APPROXIMATION only. Distribution system capacity in the future depends on: Demands / Pump Operation / Valve Positions / Water Main Deterioration / Water Main Breaks / Power Outages. WASA does not guarantee the availability of the above calculated flow at 20psi.

Test Performed By: Contractor Labor _____
Test Checked By: _____

Date of Test: 9/27/11 **Time of Test:** 11:30
Test Approved By:  _____

