

HYDRANT FLOW TEST CUSTOMER INFORMATION AND BILLING SUMMARY FORM



REQUEST DATE :	11/7/2022
WORK ORDER # :	4315456
PROPERTY LOCATION :	316 HOMESTEAD RD
CROSS STREET :	DICKERSON
DATE OF TEST :	11/16/2022
TIME OF TEST :	10:00
FLOW HYDRANT ID :	10584
MONITOR HYDRANT ID :	12461

CUSTOMER BILLING INFORMATION

CONTACT PERSON :	HANNAH FAUST		
EMAIL :	HFAUST@CATALYST-DG.COM		
COMPANY NAME :	CATALYST DESIGN GROUP		
STREET ADDRESS :	5100 TENNESSEE AVE		
CITY :	NASHVILLE	TN	ZIP : 37209
PHONE :	615-622-7200	OTHER:	

COMMENTS

REQUEST TO BE ON SITE	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (Please highlight if Yes)
RESULTS (Select) :	<input checked="" type="checkbox"/> EMAIL <input type="checkbox"/> FAX <input type="checkbox"/> PICKUP
PERMIT # :	WSFH20220 75943
FLOW HYD ADDRESS:	333 HOMESTEAD RD
MONITOR HYD ADDRESS:	317 HOMESTEAD RD
NOTES:	

PURPOSE OF HYDRANT TEST (CHECK ALL THAT APPLY):

REVIEW FOR BUILDING PERMIT REQUIRED BY:	
<input type="checkbox"/> Fire Marshal	Flow Requirement GPM
<input type="checkbox"/> Metro Water Services	
ENGINEER/FIRE SPRINKLER COMPANY	
<input type="checkbox"/> Sprinkler Design	
Proposed tap location(s) & main size: 	
<input type="checkbox"/> Proposed Development with Hydrants	
Proposed tap location(s) & main size: 	

CHARGES : \$100.00

MWS
INITIAL JJH

TOTAL : \$ 100.00



Two Hydrant Test Results Summary System Services Division (SSD)

Business Unit: 65556810 Work Order # **4315456**

Date of Test	11/16/22	Request Date: 11/7/2022
Property Location	316 HOMESTEAD RD	
Cross Street:	DICKERSON	

Hydrant # 1 - Flowing Hydrant

MWS ID	10584			
Static Pressure	123	psi	Time ON	10:00 AM
Flow Pressure (Pitot)	64	psi	Time OFF	10:30 AM

Hydrant Outlet Coefficient 0.9
 Hydrant Outlet Diameter 2.5 inches
 This corresponds to a flowrate of 1,343 gpm Using the Orifice Eqtn. (4.7.3 of NFPA 291)

Hydrant #2 - Monitoring Hydrant

MWS ID	12461			
Static Pressure	110	psi	Time ON	10:00 AM
Residual Pressure	71	psi	Time OFF	10:30 AM

Calculation of available fire flow at 20 psi as required by Table H.5.1 of the NFPA 1 Uniform Fire Code 2006 Edition (Using the pressure relational equation - 4.10.1.2 of NFPA 291)

With a 20 psi residual pressure at Hydrant #2, the available flow in the main at Hydrant #2 is: **2,109 gpm**

MWS is providing these instantaneous readings for informational purposes only and cannot ensure that it represents actual hydrant flow conditions over any period of time.

