

TRAVIS COUNTY WATER CONTROL & IMPROVEMENT DISTRICT NO. 10

Fire Flow Test List of Fire Hydrants in West Lake Hills

December 8, 2011

NOTES: 1. Definitions:

- A. Static and Residual pressures are in pounds per square inch (psi)
- B. Flows are in gallons per minute (gpm)

2. A number of hydrants were not flow tested since this testing would have:

- A. Caused damage to property
- B. Been a potential hazard to traffic

A representative sample of the hydrants not tested for these reasons were modeled using the Travis County Water Control & Improvement District No. No. 10, Pipe 2008 Model.

3. The Texas Commission on Environmental Quality (TCEQ) requires at least 250 gpm at 20 psi for a minimum of 2 hours for emergencies such as fire fighting. WCID 10 exceeds this requirement at all tested locations.

4. Fire Hydrant Class and Color are from the National Fire Protection Association (NFPA) standards which has been adopted by Travis County Emergency Services District No. 9.

<u>NFPA Class</u>	<u>NFPA Color</u>	<u>Range (gpm)</u>	
AA	Light Blue	1,500	or More
A	Green	1,000	— 1,499
B	Orange	500	— 999
C	Red	Less Than	500

*Sealed ONLY for WCID 10
Modeling Results*

DANNENBAUM
ENGINEERING COMPANY - Austin, LLC
T.B.P.E. FIRM REGISTRATION #8995

3409 EXECUTIVE CENTER DRIVE, STE 129, AUSTIN, TX 78731 (512) 345-8505



Thomas Carl Arndt
12-8-2011

Fire Flow Test List

Tuesday, November 22, 2011



Capital Hydrant L.L.C.

Inspection / Flow Test / Maintenance
 Rob Stephenson
 Certified City of Austin
 Hydrant Maintenance Contractor (512) 966-0263

Hydrant ID	Test Date	Time	Tester	Static	Resid.	Test Flow GPM	Predicted Flow (20 psi)	Predicted Flow (10 psi)	Gallons Used	NFPA Class	NFPA Color
WCID10-H001 <i>Las Lomas Dr. / Las Lomas Ct.</i>	10/3/2011	1:05 PM	CAPITAL HYDR	116	88	1,556	3,027	3,193	1,556	AA	Light Blue
WCID10-H002 <i>Las Lomas Dr. / Rollingwood Dr.</i>	10/3/2011	1:33 PM	CAPITAL HYDR	114	102	1,678	5,099	5,385	1,678	AA	Light Blue
WCID10-H003 <i>100 Blk. Las Lomas Dr.</i>	10/3/2011	1:14 PM	CAPITAL HYDR	114	86	1,547	2,975	3,142	1,547	AA	Light Blue
WCID10-H004 <i>Las Lomas Ct.</i>	10/3/2011	1:24 PM	CAPITAL HYDR	116	98	1,635	4,038	4,260	1,635	AA	Light Blue
WCID10-H005 <i>302 Las Lomas Dr.</i>	10/3/2011	1:44 PM	CAPITAL HYDR	114	98	1,574	4,095	4,325	1,574	AA	Light Blue
WCID10-H006 <i>206 Las Lomas Dr.</i>	10/3/2011	1:54 PM	CAPITAL HYDR	114	96	1,592	3,886	4,104	1,592	AA	Light Blue
WCID10-H007 <i>Las Lomas Dr/ Hillcrest Ct.</i>	10/3/2011	2:04 PM	CAPITAL HYDR	92	88	1,556	7,411	7,950	1,556	AA	Light Blue
WCID10-H008 <i>Bent Tree Ct.</i>	10/3/2011	2:15 PM	CAPITAL HYDR	114	96	1,463	3,571	3,772	1,463	AA	Light Blue
WCID10-H009 <i>Hillcrest Ct.</i>	10/3/2011	2:26 PM	CAPITAL HYDR	96	84	1,443	3,911	4,181	1,443	AA	Light Blue
WCID10-H010 <i>500 Las Lomas Dr.</i>	10/3/2011	2:35 PM	CAPITAL HYDR	126	110	1,728	4,796	5,035	1,728	AA	Light Blue
WCID10-H011 <i>408 Las Lomas Dr.</i>	10/3/2011	2:47 PM	CAPITAL HYDR	110	100	1,627	5,329	5,641	1,627	AA	Light Blue

Hydrant ID	Test Date	Time	Tester	Static	Resid.	Test Flow GPM	Predicted Flow (20 psi)	Predicted Flow (10 psi)	Gallons Used	NFPA Class	NFPA Color
WCID10-H012 <i>602 Las Lomas Dr.</i>	10/3/2011	2:56 PM	CAPITAL HYDR	126	110	1,711	4,750	4,987	1,711	AA	Light Blue
WCID10-H013 <i>Las Lomas Dr/ Crestwood Ct.</i>	10/3/2011	3:05 PM	CAPITAL HYDR	126	112	1,719	5,130	5,386	1,719	AA	Light Blue
WCID10-H014 <i>706 Las Lomas Dr.</i>	10/3/2011	3:15 PM	CAPITAL HYDR	116	100	1,501	3,949	4,166	1,501	AA	Light Blue
WCID10-H015 <i>8 North Peak Rd.</i>	10/3/2011	3:30 PM	CAPITAL HYDR	88	60	1,256	2,027	2,183	1,256	AA	Light Blue
WCID10-H016 <i>North Peak Rd/ Rollingwood Dr.</i>	10/3/2011	3:39 PM	CAPITAL HYDR	88	70	1,384	2,836	3,054	1,384	AA	Light Blue
WCID10-H017 <i>19 North Peak Rd.</i>	10/3/2011	3:49 PM	CAPITAL HYDA	88	64	1,278	2,242	2,415	1,278	AA	Light Blue
WCID10-H018 <i>Ridgewood Rd/ Rollingwood Dr.</i>	10/3/2011	4:00 PM	CAPITAL HYDR	108	80	1,482	2,750	2,915	1,482	AA	Light Blue
WCID10-H019 <i>5000 Blk. Rollingwood Dr.</i>	10/3/2011	4:11 PM	CAPITAL HYDR	108	78	1,443	2,581	2,735	1,443	AA	Light Blue
WCID10-H020 <i>Gregory Place</i>	10/3/2011	4:21 PM	CAPITAL HYDR	122	90	1,321	2,471	2,599	1,321	AA	Light Blue
WCID10-H021 <i>Jeffery Place</i>	10/3/2011	4:30 PM	CAPITAL HYDR	122	92	1,414	2,738	2,880	1,414	AA	Light Blue
WCID10-H022 <i>Blackacre Trl/ Sprague Ln</i>	10/7/2011	8:00 AM	CAPITAL HYDR	68	62	1,198	3,683	4,080	1,198	AA	Light Blue
WCID10-H023 <i>1101 Sprague Ln.</i>	10/7/2011	8:12 AM	CAPITAL HYDR	68	60	1,186	3,122	3,458	1,186	AA	Light Blue
WCID10-H024 <i>1100 Blk. Blackacre Trail</i>	10/7/2011	8:25 AM	CAPITAL HYDR	68	60	1,278	3,363	3,725	1,278	AA	Light Blue

Hydrant ID	Test Date	Time	Tester	Static	Resid.	Test Flow GPM	Predicted Flow (20 psi)	Predicted Flow (10 psi)	Gallons Used	NFPA Class	NFPA Color
WCID10-H025 <i>end of Blackacre Trl.</i>	10/7/2011	8:38 AM	CAPITAL HYDR	68	60	1,278	3,363	3,725	1,278	AA	Light Blue
WCID10-H026 <i>1460 Redbud Trail</i>	10/7/2011	8:50 AM	CAPITAL HYDR	68	64	1,321	5,055	5,599	1,321	AA	Light Blue
WCID10-H027 <i>Redbud Trl/ Flintridge Rd.</i>	10/7/2011	9:05 AM	CAPITAL HYDR	66	48	1,113	1,847	2,054	1,113	AA	Light Blue
WCID10-H028 <i>1508 Flintridge</i> <i>*Tree next to hydrant</i>	10/7/2011	9:16 AM	CAPITAL HYDR	66	52	750	1,426	1,586	750	A	Green
WCID10-H029 <i>1601 Yaupon Valley Rd.</i>	10/7/2011	9:28 AM	CAPITAL HYDR	66	50	934	1,652	1,838	934	AA	Light Blue
WCID10-H030 <i>Redbud Trl/ Old Wagon Rd.</i>	10/7/2011	9:42 AM	CAPITAL HYDR	68	46	1,113	1,696	1,879	1,113	AA	Light Blue
WCID10-H031 <i>1500 Old Wagon Rd.</i>	10/7/2011	9:55 AM	CAPITAL HYDR	68	50	1,087	1,847	2,046	1,087	AA	Light Blue
WCID10-H032 <i>first on sm. Drive Yaupon Valley Rd.</i>	10/7/2011	10:19 AM	CAPITAL HYDR	72	32	888	1,023	1,125	888	A	Green
WCID10-H033 <i>1901 Yaupon Valley Rd.</i>	10/7/2011	10:10 AM	CAPITAL HYDR	72	32	919	1,059	1,164	919	A	Green
WCID10-H034 <i>Next to last Yaupon Valley Rd.</i>	10/7/2011	10:29 AM	CAPITAL HYDR	72	30	872	978	1,076	872	B	Orange
WCID10-H035 <i>End of Yaupon Valley</i>	10/7/2011	10:42 AM	CAPITAL HYDR	72	32	934	1,076	1,184	934	A	Green
WCID10-H036 <i>Little Bend Rd/ Circle Ridge Dr.</i>	10/7/2011	10:57 AM	CAPITAL HYDR	72	48	1,126	1,709	1,879	1,126	AA	Light Blue
WCID10-H037 <i>Redbud Trl/ Little Bend Rd.</i>	10/7/2011	11:00 AM	CAPITAL HYDR	72	46	1,087	1,581	1,739	1,087	AA	Light Blue

Hydrant ID	Test Date	Time	Tester	Static	Resid.	Test Flow GPM	Predicted Flow (20 psi)	Predicted Flow (10 psi)	Gallons Used	NFPA Class	NFPA Color
WCID10-H038 <i>1300 Redbud Trl.</i>	10/7/2011	11:15 AM	CAPITAL HYDR	72	50	1,034	1,646	1,810	1,034	AA	Light Blue
WCID10-H039 <i>Redbud Trl/ Circle Ridge Dr.</i>	10/7/2011	11:27 AM	CAPITAL HYDR	72	46	1,126	1,637	1,800	1,126	AA	Light Blue
WCID10-H040 <i>1420 Circle Ridge Dr.</i>	10/7/2011	11:38 AM	CAPITAL HYDR	72	44	1,034	1,445	1,589	1,034	A	Green
WCID10-H041 <i>1438 Circle Ridge Dr.</i>	10/7/2011	11:50 AM	CAPITAL HYDR	72	48	1,007	1,528	1,681	1,007	AA	Light Blue
WCID10-H043 <i>Oak Ridge Dr/ Rock Creek Dr.</i>	10/7/2011	12:50 PM	CAPITAL HYDR	122	80	1,342	2,167	2,280	1,342	AA	Light Blue
WCID10-H044 <i>end of Rock Creek Dr.</i>	10/7/2011	1:02 PM	WCID 10 MODEL	110	Node 80	—	2,150	2,275	—	AA	Light Blue
WCID10-H045 <i>Cedar Park Dr/ Forest View Dr.</i>	10/7/2011	1:15 PM	CAPITAL HYDR	122	80	1,342	2,167	2,280	1,342	AA	Light Blue
WCID10-H046 <i>Oak Ridge Dr/ Forest View Dr.</i>	10/7/2011	1:24 PM	CAPITAL HYDR	122	82	1,300	2,155	2,266	1,300	AA	Light Blue
WCID10-H047 <i>Rocky River Rd/ Oakridge Dr.</i>	10/7/2011	1:36 PM	CAPITAL HYDR	90	81	1,321	4,000	4,299	1,321	AA	Light Blue
WCID10-H048 <i>end of Rocky River Rd.</i>	10/7/2011	1:47 PM	CAPITAL HYDR	90	78	1,289	3,340	3,590	1,289	AA	Light Blue
WCID10-H049 <i>Rocky River Cv.</i>	10/7/2011	2:00 PM	CAPITAL HYDR	90	74	1,278	2,835	3,047	1,278	AA	Light Blue
WCID10-H050 <i>end of Westbrook Dr.</i>	10/7/2011	2:10 PM	CAPITAL HYDR	140	126	1,868	5,961	6,225	1,868	AA	Light Blue
WCID10-H051 <i>Westbrook Dr/ Oak Ridge Dr.</i>	10/7/2011	2:24 PM	CAPITAL HYDR	140	124	1,838	5,456	5,697	1,838	AA	Light Blue

Hydrant ID	Test Date	Time	Tester	Static	Resid.	Test Flow GPM	Predicted Flow (20 psi)	Predicted Flow (10 psi)	Gallons Used	NFPA Class	NFPA Color
WCID10-H052 <i>Westbrook Dr.</i>	10/7/2011	2:36 PM	CAPITAL HYDR	116	108	1,565	5,988	6,317	1,565	AA	Light Blue
WCID10-H053 <i>Westbrook Dr/ Split Rail Trl.</i>	10/7/2011	2:50 PM	CAPITAL HYDR	116	108	1,501	5,742	6,058	1,501	AA	Light Blue
WCID10-H054 <i>Westbrook Dr.</i>	10/7/2011	2:59 PM	CAPITAL HYDR	118	108	1,519	5,211	5,492	1,519	AA	Light Blue
WCID10-H055 <i>Coquina Ln.</i>	10/7/2011	3:10 PM	CAPITAL HYDR	118	106	1,363	4,237	4,465	1,363	AA	Light Blue
WCID10-H056 <i>Split Rail Trl.</i>	10/7/2011	3:19 PM	CAPITAL HYDR	138	120	1,807	4,989	5,213	1,807	AA	Light Blue
WCID10-H057 <i>Split Rail Trl/ Bulian Ln.</i>	10/7/2011	3:30 PM	CAPITAL HYDR	138	122	1,776	5,224	5,458	1,776	AA	Light Blue
WCID10-H058 <i>end of Bulian Ln.</i>	10/7/2011	3:44 PM	CAPITAL HYDR	138	122	1,661	4,886	5,106	1,661	AA	Light Blue
WCID10-H059 <i>Bulian Ln.</i>	10/7/2011	3:56 PM	CAPITAL HYDR	140	122	1,644	4,580	4,782	1,644	AA	Light Blue
WCID10-H060 <i>Rainbow Cv.</i>	10/7/2011	4:09 PM	CAPITAL HYDR	138	118	1,501	3,914	4,089	1,501	AA	Light Blue
WCID10-H061 <i>Rocky River Rd/ Rocky Ledge Rd.</i>	10/7/2011	4:21 PM	CAPITAL HYDR	92	70	1,138	2,159	2,316	1,138	AA	Light Blue
WCID10-H062 <i>Rocky Ledge Rd.</i>	10/7/2011	4:38 PM	CAPITAL HYDR	74	68	1,138	3,728	4,086	1,138	AA	Light Blue
WCID10-H063 <i>6 Wren Valley</i>	10/19/2011		CAPITAL HYDR	116	59	1,278	1,693	1,786	1,278	AA	Light Blue
WCID10-H064 <i>1104 Kennan Rd.</i>	10/19/2011		CAPITAL HYDR	76	62	1,311	2,770	3,028	1,311	AA	Light Blue

Hydrant ID	Test Date	Time	Tester	Static	Resid.	Test Flow GPM	Predicted Flow (20 psi)	Predicted Flow (10 psi)	Gallons Used	NFPA Class	NFPA Color
WCID10-H065 <i>1110 Kennan Rd.</i>	10/19/2011		CAPITAL HYDR	76	62	1,311	2,770	3,028	1,311	AA	Light Blue
WCID10-H066 <i>807 Redbud Trail</i>	10/19/2011		CAPITAL HYDR	88	38	919	1,085	1,168	919	A	Green
WCID10-H067 <i>Redbud Trail/ Old Stone Hedge</i>	10/19/2011		CAPITAL HYDR	88	40	993	1,198	1,290	993	A	Green
WCID10-H068 <i>304 Cedar Oak</i>	10/19/2011		CAPITAL HYDR	60	22	712	732	826	712	B	Orange
WCID10-H069 <i>402 Cedar Oak</i>	10/19/2011		CAPITAL HYDR	60	18	671	654	737	671	B	Orange
WCID10-H070 <i>404 Cedar Oak (in brush)</i>	10/19/2011		CAPITAL HYDR	60	18	671	654	737	671	B	Orange
WCID10-H071 <i>Windsong/ Caravan</i>	10/19/2011		CAPITAL HYDR	82	34	856	982	1,065	856	B	Orange
WCID10-H072 <i>712 Windsong</i>	10/19/2011		CAPITAL HYDR	82	32	839	942	1,022	839	B	Orange
WCID10-H073 <i>708 Windsong</i>	10/19/2011		CAPITAL HYDR	110	40	949	1,087	1,151	949	A	Green
WCID10-H074 <i>701 Windsong</i>	10/19/2011		CAPITAL HYDR	110	44	1,061	1,255	1,328	1,061	A	Green
WCID10-H075 <i>695 Windsong</i>	10/19/2011		CAPITAL HYDR	110	43	1,087	1,275	1,350	1,087	A	Green
WCID10-H076 <i>Old Stone Hedge/ Limmerick Ln.</i>	10/19/2011		CAPITAL HYDR	88	44	919	1,163	1,252	919	A	Green
WCID10-H077 <i>1200 Yaupon Valley Rd.</i>	10/19/2011		CAPITAL HYDR	134	124	1,776	6,609	6,916	1,776	AA	Light Blue

Hydrant ID	Test Date	Time	Tester	Static	Resid.	Test Flow GPM	Predicted Flow (20 psi)	Predicted Flow (10 psi)	Gallons Used	NFPA Class	NFPA Color
WCID10-H078 <i>1104 Yaupon Valley Rd.</i>	10/19/2011		CAPITAL HYDR	136	128	1,807	7,658	8,008	1,807	AA	Light Blue
WCID10-H079 <i>Live Oak Ridge/ Yaupon Valley Rd.</i>	10/19/2011		CAPITAL HYDR	150	144	1,744	9,179	9,554	1,744	AA	Light Blue
WCID10-H080 <i>905 Yaupon Valley Rd.</i>	10/19/2011		CAPITAL HYDR	150	142	1,776	8,003	8,330	1,776	AA	Light Blue
WCID10-H081 <i>805 Yaupon Valley Rd.</i>	10/19/2011		CAPITAL HYDR	150	144	1,744	9,179	9,554	1,744	AA	Light Blue
WCID10-H082 <i>513 Yaupon Valley Rd.</i>	10/19/2011		CAPITAL HYDR	54	49	1,163	3,273	3,762	1,163	AA	Light Blue
WCID10-H083 <i>701 Yaupon Valley Rd.</i>	10/19/2011		CAPITAL HYDR	54	48	1,138	2,904	3,337	1,138	AA	Light Blue
WCID10-H084 <i>400 Yaupon Valley Rd.</i>	10/19/2011		CAPITAL HYDR	78	74	1,233	5,225	5,694	1,233	AA	Light Blue
WCID10-H085 <i>300 Yaupon Valley Rd</i>	10/19/2011		CAPITAL HYDR	78	76	1,278	7,874	8,580	1,278	AA	Light Blue
WCID10-H086 <i>Yaupon Valley Rd. / Double Bend Back</i>	10/19/2011		CAPITAL HYDR	114	102	1,210	3,677	3,883	1,210	AA	Light Blue
WCID10-H087 <i>Yaupon Valley Rd/ Juniper</i>	10/19/2011		CAPITAL HYDR	110	100	1,210	3,963	4,195	1,210	AA	Light Blue
WCID10-H088 <i>1105 Live Oak Ridge</i>	10/19/2011		CAPITAL HYDR	98	78	1,163	2,424	2,587	1,163	AA	Light Blue
WCID10-H089 <i>1101 Live Oak Ridge</i>	10/19/2011		CAPITAL HYDR	98	78	1,186	2,474	2,641	1,186	AA	Light Blue
WCID10-H090 <i>Live Oak Ridge/ Live Oak Cir.</i>	10/19/2011		CAPITAL HYDR	112	106	1,384	6,043	6,390	1,384	AA	Light Blue

Hydrant ID	Test Date	Time	Tester	Static	Resid.	Test Flow GPM	Predicted Flow (20 psi)	Predicted Flow (10 psi)	Gallons Used	NFPA Class	NFPA Color
WCID10-H091 <i>970 Live Oak Cir</i>	10/19/2011		CAPITAL HYDR	112	104	1,198	4,481	4,737	1,198	AA	Light Blue
WCID10-H092 <i>940 Live Oak Cir.</i>	10/19/2011		CAPITAL HYDR	112	102	1,222	4,049	4,281	1,222	AA	Light Blue
WCID10-H093 <i>Allegro/ Mulberry</i>	10/19/2011		CAPITAL HYDR	114	108	1,384	6,114	6,457	1,384	AA	Light Blue
WCID10-H094 <i>1000 Madrone Rd.</i>	10/19/2011		CAPITAL HYDR	110	64	1,198	1,722	1,823	1,198	AA	Light Blue
WCID10-H095 <i>1008 Madrone Rd.</i>	10/19/2011		CAPITAL HYDR	110	64	1,175	1,688	1,786	1,175	AA	Light Blue
WCID10-H096 <i>East Ledgeway (at split)</i>	10/19/2011		CAPITAL HYDR	90	65	1,186	2,069	2,224	1,186	AA	Light Blue
WCID10-H097 <i>404 West Ledgeway</i>	10/19/2011		CAPITAL HYDR	62	30	888	1,028	1,154	888	A	Green
WCID10-H098 <i>700 West Ledgeway</i>	10/19/2011		CAPITAL HYDR	62	30	888	1,028	1,154	888	A	Green
WCID10-H099 <i>804 West Ledgeway</i>	10/19/2011		CAPITAL HYDR	62	30	787	912	1,023	787	B	Orange
WCID10-H100 <i>300 Laurel Valley Rd</i>	10/19/2011		CAPITAL HYDR	90	76	1,300	3,100	3,331	1,300	AA	Light Blue
WCID10-H101 <i>309 Laurel Valley Rd</i>	10/19/2011		CAPITAL HYDR	90	60	1,256	1,984	2,133	1,256	AA	Light Blue
WCID10-H102 <i>Laurel Valley Rd/ Double Fork Rd</i>	10/19/2011		CAPITAL HYDR	90	60	1,113	1,759	1,890	1,113	AA	Light Blue
WCID10-H103 <i>Laurel Valley Cv.</i>	10/19/2011		CAPITAL HYDR	150	140	1,574	6,288	6,545	1,574	AA	Light Blue

Hydrant ID	Test Date	Time	Tester	Static	Resid.	Test Flow GPM	Predicted Flow (20 psi)	Predicted Flow (10 psi)	Gallons Used	NFPA Class	NFPA Color
WCID10-H104 <i>Terrace Mountain off Westlake Dr.</i>	11/2/2011		CAPITAL HYDR	130	80	1,087	1,665	1,745	1,087	AA	Light Blue
WCID10-H105 <i>505 Terrace Mountain Dr.</i>	11/2/2011		CAPITAL HYDR	130	80	1,138	1,742	1,826	1,138	AA	Light Blue
WCID10-H106 <i>Terrace Mountain/ Spurlock Valley</i>	11/2/2011		CAPITAL HYDR	130	80	1,138	1,742	1,826	1,138	AA	Light Blue
WCID10-H107 <i>Terrace Mountain/ Basin Ledge East</i>	11/2/2011		CAPITAL HYDR	140	80	1,353	1,967	2,054	1,353	AA	Light Blue
WCID10-H108 <i>703 Terrace Mountain</i>	11/2/2011		CAPITAL HYDR	140	78	1,353	1,932	2,018	1,353	AA	Light Blue
WCID10-H109 <i>Terrace Mountain/ Basin Ledge West</i>	11/2/2011		CAPITAL HYDR	140	100	1,278	2,313	2,415	1,278	AA	Light Blue
WCID10-H110 <i>1807 Basin Ledge</i>	11/2/2011		CAPITAL HYDR	140	92	1,574	2,582	2,696	1,574	AA	Light Blue
WCID10-H111 <i>800 Canyon Creek</i>	11/2/2011		CAPITAL HYDR	140	76	1,443	2,027	2,116	1,443	AA	Light Blue
WCID10-H112 <i>705 Lost Canyon Dr.</i>	11/2/2011		CAPITAL HYDR	140	98	1,278	2,253	2,352	1,278	AA	Light Blue
WCID10-H113 <i>709 Lost Canyon Dr.</i>	11/2/2011		CAPITAL HYDR	140	98	1,342	2,366	2,471	1,342	AA	Light Blue
WCID10-H114 <i>806 Terrace Mountain</i>	11/2/2011		CAPITAL HYDR	106	62	1,300	1,866	1,981	1,300	AA	Light Blue
WCID10-H115 <i>702 Loma Linda</i>	11/2/2011		CAPITAL HYDR	104	62	1,278	1,858	1,974	1,278	AA	Light Blue
WCID10-H116 <i>820 Terrace Mountain</i>	11/2/2011		CAPITAL HYDR	100	56	1,186	1,639	1,746	1,186	AA	Light Blue

Hydrant ID	Test Date	Time	Tester	Static	Resid.	Test Flow GPM	Predicted Flow (20 psi)	Predicted Flow (10 psi)	Gallons Used	NFPA Class	NFPA Color
WCID10-H117 <i>1601 Canyon View</i>	11/2/2011		CAPITAL HYDR	100	58	1,210	1,714	1,826	1,210	AA	Light Blue
WCID10-H118 <i>905 Terrace Mountain</i>	11/2/2011		CAPITAL HYDR	100	58	1,138	1,612	1,717	1,138	AA	Light Blue
WCID10-H119 <i>941 Roadrunner Rd.</i>	11/2/2011		WCID 10 MODEL	93	Node 540	—	1,100	1,175	—	A	Green
WCID10-H120 <i>999 Roadrunner Rd.</i>	11/2/2011		WCID 10 MODEL	124	Node 541	—	1,200	1,250	—	A	Green
WCID10-H122 <i>1509 Wild Cat Hollow</i>	11/2/2011		CAPITAL HYDR	68	44	1,087	1,581	1,751	1,087	AA	Light Blue
WCID10-H123 <i>1503 Wild Cat Hollow</i>	11/2/2011		CAPITAL HYDR	68	44	1,087	1,581	1,751	1,087	AA	Light Blue
WCID10-H126 <i>1404 Wild Cat Hollow</i>	11/2/2011		CAPITAL HYDR	70	50	1,138	1,867	2,060	1,138	AA	Light Blue
WCID10-H127 <i>112 Skyline Dr.</i>	11/2/2011		CAPITAL HYDR	70	50	1,126	1,846	2,037	1,126	AA	Light Blue
WCID10-H129 <i>Skyline Dr/ Knob Hill Cir.</i>	11/2/2011		CAPITAL HYDR	80	26	769	814	885	769	B	Orange
WCID10-H130 <i>16 Knob Hill Cir.</i>	11/2/2011		CAPITAL HYDR	80	28	856	924	1,005	856	B	Orange
WCID10-H132 <i>405 Skyline Dr.</i>	11/2/2011		CAPITAL HYDR	80	26	787	833	905	787	B	Orange
WCID10-H134 <i>402 Red Bud Trl</i>	11/2/2011		WCID 10 MODEL	68	Node 542	—	1,300	1,450	—	A	Green
WCID10-H138 <i>Westlake Dr/ Harbor View</i>	11/2/2011		CAPITAL HYDR	146	76	1,087	1,494	1,557	1,087	A	Green

Hydrant ID	Test Date	Time	Tester	Static	Resid.	Test Flow GPM	Predicted Flow (20 psi)	Predicted Flow (10 psi)	Gallons Used	NFPA Class	NFPA Color
WCID10-H139 <i>1603 Westlake Dr.</i>	11/2/2011		WCID 10 MODEL	148	Node 185	—	1,675	1,750	—	AA	Light Blue
WCID10-H140 <i>11 Hull Cir.</i>	11/2/2011		CAPITAL HYDR	146	78	1,443	2,014	2,099	1,443	AA	Light Blue
WCID10-H141 <i>1201 Westlake Dr.</i>	11/2/2011		WCID 10 MODEL	97	Node 183	—	1,550	1,675	—	AA	Light Blue
WCID10-H143 <i>Westlake Dr/ Laurel Valley</i>	11/2/2011		CALCULATED	110	Node 3	1,744	3,329	3,512	—	AA	Light Blue
WCID10-H146 <i>603 Westlake Dr.</i>	11/3/2011		CAPITAL HYDR	90	72	1,210	2,519	2,708	1,210	AA	Light Blue
WCID10-H147 <i>Westlake Dr/ Buckeye Trl.</i>	11/3/2011		CAPITAL HYDR	90	86	1,321	6,197	6,661	1,321	AA	Light Blue
WCID10-H148 <i>Westlake Dr. south of Buckeye</i>	11/3/2011		CAPITAL HYDR	90	72	1,210	2,519	2,708	1,210	AA	Light Blue
WCID10-H149 <i>105 Buckeye Trl.</i>	11/3/2011		CAPITAL HYDR	90	82	1,342	4,331	4,654	1,342	AA	Light Blue
WCID10-H150 <i>308 Buckeye Trl.</i>	11/3/2011		CAPITAL HYDR	102	66	1,289	2,010	2,139	1,289	AA	Light Blue
WCID10-H151 <i>406 Buckeye Trl.</i>	11/3/2011		CAPITAL HYDR	102	66	1,289	2,010	2,139	1,289	AA	Light Blue
WCID10-H152 <i>BuckeyeTrl/ Spiller Ln</i>	11/3/2011		WCID 10 MODEL	78	Node 12	—	3,150	3,575	—	AA	Light Blue
WCID10-H153 <i>400 Spiller Ln.</i>	11/3/2011		CAPITAL HYDR	68	50	1,048	1,780	1,971	1,048	AA	Light Blue
WCID10-H154 <i>402 Spiller Ln</i>	11/3/2011		CAPITAL HYDR	68	50	1,163	1,974	2,187	1,163	AA	Light Blue

Hydrant ID	Test Date	Time	Tester	Static	Resid.	Test Flow GPM	Predicted Flow (20 psi)	Predicted Flow (10 psi)	Gallons Used	NFPA Class	NFPA Color
WCID10-H155 <i>475 Spiller Ln.</i>	11/3/2011		CAPITAL HYDR	68	46	934	1,424	1,577	934	A	Green
WCID10-H156 <i>528 Buckeye Trl</i>	11/3/2011		CAPITAL HYDR	80	64	1,278	2,609	2,835	1,278	AA	Light Blue
WCID10-H157 <i>515 Buckeye Trl</i>	11/3/2011		CAPITAL HYDR	80	64	1,278	2,609	2,835	1,278	AA	Light Blue
WCID10-H158 <i>Carrera/ Cortona</i>	11/3/2011		CAPITAL HYDR	70	52	1,186	2,060	2,273	1,186	AA	Light Blue
WCID10-H159 <i>688 Cortona</i>	11/3/2011		CAPITAL HYDR	70	52	1,186	2,060	2,273	1,186	AA	Light Blue
WCID10-H160 <i>533 Cortona</i>	11/3/2011		CAPTIAL HYDR	64	44	1,087	1,665	1,859	1,087	AA	Light Blue
WCID10-H161 <i>455 Cortona</i>	11/3/2011		CAPITAL HYDR	64	44	1,061	1,624	1,814	1,061	AA	Light Blue
WCID10-H162 <i>355 Cortona</i>	11/3/2011		CAPITAL HYDR	64	32	822	976	1,090	822	B	Orange
WCID10-H163 <i>466 Cortona Ct</i>	11/3/2011		CAPITAL HYDR	64	42	1,048	1,524	1,702	1,048	AA	Light Blue
WCID10-H164 <i>403 Westlake Dr.</i>	11/3/2011		CAPITAL HYDR	90	72	1,186	2,470	2,655	1,186	AA	Light Blue
WCID10-H165 <i>Westlake Dr/ W. Spring Dr.</i>	11/3/2011		CAPITAL HYDR	82	66	1,278	2,656	2,879	1,278	AA	Light Blue
WCID10-H166 <i>108 Westlake Dr.</i>	11/3/2011		WCID 10 MODEL	62	Node 543	—	2,200	2,475	—	AA	Light Blue
WCID10-H167 <i>111 Westhaven Dr.</i>	11/3/2011		CAPITAL HYDR	82	56	978	1,564	1,696	978	AA	Light Blue

Hydrant ID	Test Date	Time	Tester	Static	Resid.	Test Flow GPM	Predicted Flow (20 psi)	Predicted Flow (10 psi)	Gallons Used	NFPA Class	NFPA Color
WCID10-H168 <i>Westhaven Dr/ W Spring</i>	11/3/2011		CAPITAL HYDR	82	66	1,233	2,562	2,778	1,233	AA	Light Blue
WCID10-H169 <i>207 McConnell Dr.</i>	11/3/2011		CAPITAL HYDR	68	40	1,007	1,347	1,492	1,007	A	Green
WCID10-H170 <i>307 McConnell Dr.</i>	11/3/2011		CAPITAL HYDR	68	40	978	1,309	1,450	978	A	Green
WCID10-H171 <i>200 Reveille Rd</i>	11/3/2011		CAPITAL HYDR	64	60	1,113	4,063	4,538	1,113	AA	Light Blue
WCID10-H172 <i>Reveille Rd/ Rocky River Rd.</i>	11/3/2011		CAPITAL HYDR	64	60	1,087	3,970	4,434	1,087	AA	Light Blue
WCID10-H173 <i>Las Brisas/ Oak Dr</i>	11/3/2011		CAPITAL HYDR	90	68	1,210	2,261	2,430	1,210	AA	Light Blue
WCID10-H174 <i>Las Brisas St.</i>	11/3/2011		CAPITAL HYDR	90	70	1,233	2,425	2,607	1,233	AA	Light Blue
WCID10-H175 <i>#1 Downie</i>	11/3/2011		CAPITAL HYDR	90	70	1,138	2,238	2,406	1,138	AA	Light Blue
WCID10-H176 <i>Bee Cave/ Bullian - south side</i>	11/3/2011		WCID 10 MODEL	105	Node 50	—	4,600	4,900	—	AA	Light Blue
WCID10-H177 <i>3345 Bee Cave</i>	11/3/2011		WCID 10 MODEL	87	Node 466	—	3,775	4,100	—	AA	Light Blue
WCID10-H179 <i>3355 Bee Cave</i>	11/3/2011		CAPITAL HYDR	71	54	1,198	2,169	2,389	1,198	AA	Light Blue
WCID10-H180 <i>3355 Bee Cave</i>	11/3/2011		CAPITAL HYDR	71	54	1,186	2,147	2,365	1,186	AA	Light Blue
WCID10-H183 <i>3663 Bee Cave</i>	11/3/2011		WCID 10 MODEL	62	Node 564	—	3,225	3,575	—	AA	Light Blue

Hydrant ID	Test Date	Time	Tester	Static	Resid.	Test Flow GPM	Predicted Flow (20 psi)	Predicted Flow (10 psi)	Gallons Used	NFPA Class	NFPA Color
WCID10-H184 <i>Doe Trail</i>	11/3/2011		CAPITAL HYDR	76	62	1,150	2,432	2,657	1,150	AA	Light Blue
WCID10-H185 <i>Bee Cave/ Beaver Trail</i>	11/3/2011		CAPITAL HYDR	76	62	1,233	2,607	2,849	1,233	AA	Light Blue
WCID10-H186 <i>Westbank Dr.</i>	11/3/2011		CAPITAL HYDR	78	60	1,267	2,383	2,597	1,267	AA	Light Blue
WCID10-H187 <i>Westbank Dr.</i>	11/3/2011		CAPITAL HYDR	78	60	1,244	2,341	2,551	1,244	AA	Light Blue
WCID10-H188 <i>950 Westbank Dr.</i>	11/3/2011		CAPITAL HYDR	78	56	1,186	2,003	2,182	1,186	AA	Light Blue
WCID10-H189 <i>Across from 927 Westbank Dr.</i>	11/3/2011		CAPITAL HYDR	78	58	1,233	2,191	2,388	1,233	AA	Light Blue
WCID10-H190 <i>1000 Westbank Dr.</i>	11/3/2011		CAPITAL HYDR	78	56	1,233	2,081	2,268	1,233	AA	Light Blue
WCID10-H194 <i>Trinity School</i>	11/3/2011		WCID 10 MODEL	62	Node 809	—	2,725	3,125	—	AA	Light Blue
WCID10-H197 <i>Bee Cave/ Camp Craft Rd.</i>	11/3/2011		WCID 10 MODEL	58	Node 432	—	2,375	2,925	—	AA	Light Blue
WCID10-H200 <i>302 Eanes School Rd.</i>	11/3/2011		WCID 10 MODEL	120	Node 544	—	1,025	1,075	—	AA	Light Blue
WCID10-H201 <i>4201 Bee Cave Rd. (Eanes Elementary)</i>	11/3/2011		WCID 10 MODEL	103	Node 545	—	1,925	2,375	—	AA	Light Blue
WCID10-H202 <i>4407 Bee Cave Rd.</i>	11/3/2011		WCID 10 MODEL	94	Node 546	—	1,750	2,125	—	AA	Light Blue
WCID10-H204 <i>106 Wood Trail</i>	11/3/2011		CAPITAL HYDR	124	94	1,501	2,937	3,086	1,501	AA	Light Blue

Hydrant ID	Test Date	Time	Tester	Static	Resid.	Test Flow GPM	Predicted Flow (20 psi)	Predicted Flow (10 psi)	Gallons Used	NFPA Class	NFPA Color
WCID10-H205 <i>Wood Trail</i>	11/3/2011		CAPITAL HYDR	124	92	1,538	2,906	3,054	1,538	AA	Light Blue
WCID10-H207 <i>Bee Cave Rd@ St. John Neuman Church</i>	11/3/2011		CAPITAL HYDR	104	100	1,609	8,330	8,852	1,609	AA	Light Blue
WCID10-H208 <i>Bee Cave Rd. @ St. John Neuman Church</i>	11/3/2011		CAPITAL HYDR	104	100	1,601	8,285	8,804	1,601	AA	Light Blue
WCID10-H209 <i>Bee Cave Rd. @ St. John Neuman Church</i>	11/3/2011		CAPITAL HYDR	104	100	750	3,884	4,127	750	AA	Light Blue
WCID10-H210 <i>Bee Cave Rd. @ St. John Neuman Church</i>	11/3/2011		CAPITAL HYDR	104	100	1,661	8,598	9,136	1,661	AA	Light Blue
WCID10-H211 <i>Bee Cave RD. @ St. John Neuman Church</i>	11/3/2011		CAPITAL HYDR	104	100	1,644	8,510	9,042	1,644	AA	Light Blue
WCID10-H212 <i>Bee Cave Rd. @ St. John Neuman Church</i>	11/3/2011		CAPITAL HYDR	104	100	1,592	8,239	8,755	1,592	AA	Light Blue
WCID10-H213 <i>Bee Cave Rd. @ Village at Westlake - behind Chick-fil-a</i>	11/3/2011		CAPITAL HYDR	72	68	1,321	5,278	5,804	1,321	AA	Light Blue
WCID10-H214 <i>Bee Cave Rd. @ Village at Westlake</i>	11/3/2011		CAPITAL HYDR	72	68	1,321	5,278	5,804	1,321	AA	Light Blue
WCID10-H215 <i>Bee Cave Rd. @ Village at Westlake - behind HEB</i>	11/3/2011		CAPITAL HYDR	88	84	1,519	7,017	7,556	1,519	AA	Light Blue
WCID10-H220 <i>Bee Cave Rd/ Buckeye</i>	11/3/2011		WCID 10 MODEL	97	Node 15	—	2,175	2,600	—	AA	Light Blue
WCID10-H221 <i>4616 Bee Cave Rd.</i>	11/3/2011		WCID 10 MODEL	100	Node 259	—	1,725	2,075	—	AA	Light Blue
WCID10-H225 <i>100 Bluff Park</i>	11/3/2011		CAPITAL HYDR	90	72	1,404	2,923	3,142	1,404	AA	Light Blue

Hydrant ID	Test Date	Time	Tester	Static	Resid.	Test Flow GPM	Predicted Flow (20 psi)	Predicted Flow (10 psi)	Gallons Used	NFPA Class	NFPA Color
WCID10-H226 <i>112 Bluff Park</i>	11/3/2011		CAPITAL HYDR	90	72	1,404	2,923	3,142	1,404	AA	Light Blue
WCID10-H227 <i>116 Bluff Park</i>	11/3/2011		CAPITAL HYDR	90	70	1,363	2,681	2,882	1,363	AA	Light Blue
WCID10-H230 <i>5300 Bee Cave Rd.</i>	11/3/2011		CAPITAL HYDR	92	60	1,222	1,893	2,030	1,222	AA	Light Blue
WCID10-H231 <i>5300 Bee Cave Rd.</i>	11/3/2011		CAPITAL HYDR	92	60	1,244	1,928	2,068	1,244	AA	Light Blue
WCID10-H232 <i>5524 Bee Cave Rd.</i>	11/3/2011		WCID 10 MODEL	79	Node 547	—	1,250	1,375	—	A	Green
WCID10-H235 <i>5656 Bee Cave Rd.</i>	11/3/2011		WCID 10 MODEL	76	Node 548	—	1,275	1,400	—	A	Green
WCID10-H240 <i>925 Loop 360 (pk lot)</i>	11/15/2011		WCID 10 MODEL	58	Node 488	—	3,000	3,650	—	AA	Light Blue
WCID10-H241 <i>1001 Loop 360</i>	11/15/2011		WCID 10 MODEL	60	Node 284	—	2,275	2,700	—	AA	Light Blue
WCID10-H244 <i>1101 Loop 360 - (pk lot)</i>	11/15/2011		WCID 10 MODEL	76	Node 286	—	1,275	1,450	—	A	Green
WCID10-H247 <i>Valley View School (pk lot)</i>	11/15/2011		WCID 10 MODEL	80	Node 581	—	1,175	1,300	—	A	Green
WCID10-H251 <i>Forest View School (front)</i>	11/15/2011		WCID 10 MODEL	91	Node 580	—	2,100	2,300	—	AA	Light Blue
WCID10-H255 <i>4300 Westbank Dr. - #1 Clow</i>	11/15/2011		CAPITAL HYDR	102	98	1,618	8,267	8,797	1,618	AA	Light Blue
WCID10-H256 <i>4300 Westbank - #2 Clow</i>	11/15/2011		CAPITAL HYDR	102	98	1,635	8,356	8,891	1,635	AA	Light Blue

Hydrant ID	Test Date	Time	Tester	Static	Resid.	Test Flow GPM	Predicted Flow (20 psi)	Predicted Flow (10 psi)	Gallons Used	NFPA Class	NFPA Color
WCID10-H258 <i>4300 Westbank - #3 Clow</i>	11/15/2011		CAPITAL HYDR	102	98	1,644	8,400	8,938	1,644	AA	Light Blue
WCID10-H259 <i>4300 Westbank - #4 Clow</i>	11/15/2011		CAPITAL HYDR	102	98	1,644	8,400	8,938	1,644	AA	Light Blue
WCID10-H260 <i>510 Konstanty Circle</i>	11/15/2011		CAPITAL HYDR	134	46	919	1,057	1,106	919	A	Green
WCID10-H261 <i>Konstanty Cir/ Camp Craft</i>	11/15/2011		WCID 10 MODEL	116	Node 35	—	1,150	1,250	—	A	Green
WCID10-H262 <i>301 Camp Craft</i>	11/15/2011		WCID 10 MODEL	103	Node 34	—	1,325	1,425	—	A	Green
WCID10-H264 <i>End of Wild Basin</i>	11/15/2011		CAPITAL HYDR	120	115	1,695	8,543	8,995	1,695	AA	Light Blue