

Appendix L
Water Distribution Model - 2013 Max Day Demand (Current Conditions)

Modeled Junctions: 2013 Maximum Day Demand (Current Conditions)			
ID	Demand (gallons per minute)	Elevation (feet)	Pressure Zone
408	6.52	2,381.00	LOW
414	6.52	2,332.00	LOW
416	0	2,335.00	LOW
432	6.52	2,427.00	LOW
434	6.52	2,440.00	LOW
446	6.52	2,351.00	LOW
448	6.52	2,346.00	LOW
450	6.52	2,338.00	LOW
454	6.52	2,338.00	LOW
456	6.52	2,364.00	LOW
458	6.52	2,386.00	LOW
460	6.52	2,351.00	LOW
462	6.52	2,344.00	LOW
464	6.52	2,340.00	LOW
466	6.52	2,410.00	LOW
468	6.52	2,460.00	LOW
474	6.52	2,342.00	LOW
498	6.52	2,342.00	LOW
500	6.52	2,341.00	LOW
502	6.52	2,373.00	LOW
504	6.52	2,376.00	LOW
508	0	2,340.31	LOW
786	6.52	2,416.00	LOW
794	6.52	2,413.00	LOW
796	6.52	2,358.00	LOW
798	6.52	2,367.00	LOW
832	6.52	2,427.00	LOW
834	6.52	2,388.00	LOW
836	6.52	2,460.00	LOW
838	6.52	2,464.00	LOW
840	6.52	2,450.00	LOW
842	6.52	2,385.00	LOW
844	6.52	2,385.00	LOW
846	6.52	2,453.00	LOW
848	6.52	2,426.00	LOW
850	6.52	2,450.00	LOW
852	6.52	2,456.00	LOW
854	6.52	2,446.00	LOW
856	6.52	2,350.00	LOW
858	6.52	2,456.00	LOW
860	6.52	2,457.00	LOW

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Modeled Junctions: 2013 Maximum Day Demand (Current Conditions)			
ID	Demand (gallons per minute)	Elevation (feet)	Pressure Zone
862	6.52	2,455.00	LOW
864	6.52	2,442.00	LOW
866	6.52	2,445.00	LOW
868	6.52	2,438.00	LOW
870	6.52	2,453.00	LOW
872	6.52	2,455.00	LOW
878	6.52	2,344.00	LOW
880	6.52	2,360.00	LOW
882	6.52	2,342.00	LOW
884	6.52	2,368.00	LOW
886	6.52	2,364.00	LOW
890	6.52	2,365.00	LOW
894	6.52	2,395.00	LOW
896	6.52	2,360.00	LOW
898	6.52	2,377.00	LOW
902	6.52	2,378.00	LOW
904	0	2,386.00	LOW
906	6.52	2,380.00	LOW
908	6.52	2,389.00	LOW
910	6.52	2,385.00	LOW
1102	6.52	2,346.00	LOW
1104	6.52	2,454.00	LOW
1106	6.52	2,381.00	LOW
1108	6.52	2,348.00	LOW
1120	0	2,545.00	LOW
1132	0	2,415.00	LOW
1134	6.52	2,411.00	LOW
1136	6.52	2,475.00	LOW
1140	0	2,340.00	LOW
1150	0	2,415.00	LOW
1176	0	2,418.00	LOW
1196	6.52	2,352.00	LOW
1356	6.52	2,383.00	LOW
1358	6.52	2,381.00	LOW
1380	6.52	2,411.00	LOW
1382	6.52	2,458.00	LOW
1384	6.52	2,448.00	LOW
1440	6.52	2,335.00	LOW
1444	6.52	2,335.00	LOW
1486	6.52	2,380.00	LOW
1492	6.52	2,380.00	LOW

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Modeled Junctions: 2013 Maximum Day Demand (Current Conditions)			
ID	Demand (gallons per minute)	Elevation (feet)	Pressure Zone
1494	6.52	2,374.00	LOW
1496	6.52	2,364.00	LOW
1498	6.52	2,374.00	LOW
1500	6.52	2,366.00	LOW
1502	6.52	2,366.00	LOW
1558	0	2,514.00	LOW
1562	0	2,514.00	LOW
1608	0	2,344.00	LOW
1616	6.52	2,353.00	LOW
1624	6.52	2,427.00	LOW
1626	6.52	2,354.00	LOW
1658	0	2,440.00	LOW
1008	6.52	2,475.00	LOW-NO-FF
10	8.22	2,540.00	NE-HIGH
12	8.22	2,522.00	NE-HIGH
14	8.22	2,520.00	NE-HIGH
16	8.22	2,582.00	NE-HIGH
18	8.22	2,564.00	NE-HIGH
20	8.22	2,614.00	NE-HIGH
22	8.22	2,604.00	NE-HIGH
24	8.22	2,600.00	NE-HIGH
26	8.22	2,585.00	NE-HIGH
28	8.22	2,557.00	NE-HIGH
30	8.22	2,580.00	NE-HIGH
32	8.22	2,557.00	NE-HIGH
34	8.22	2,550.00	NE-HIGH
36	8.22	2,596.00	NE-HIGH
38	8.22	2,592.00	NE-HIGH
40	8.22	2,534.00	NE-HIGH
42	0	2,580.00	NE-HIGH
44	0	2,650.00	NE-HIGH
46	8.22	2,645.00	NE-HIGH
52	8.22	2,569.00	NE-HIGH
54	8.22	2,561.00	NE-HIGH
56	8.22	2,560.00	NE-HIGH
58	8.22	2,577.00	NE-HIGH
172	8.22	2,550.00	NE-HIGH
174	0	2,535.00	NE-HIGH
182	0	2,535.00	NE-HIGH
184	0	2,535.00	NE-HIGH
186	0	2,535.00	NE-HIGH

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Modeled Junctions: 2013 Maximum Day Demand (Current Conditions)			
ID	Demand (gallons per minute)	Elevation (feet)	Pressure Zone
260	0	2,575.00	NE-HIGH
262	0	2,575.00	NE-HIGH
268	0	2,575.00	NE-HIGH
270	8.22	2,525.00	NE-HIGH
276	8.22	2,588.00	NE-HIGH
1038	8.22	2,545.00	NE-HIGH
1040	8.22	2,624.00	NE-HIGH
1044	8.22	2,567.00	NE-HIGH
1046	8.22	2,594.00	NE-HIGH
1056	8.22	2,632.00	NE-HIGH
1202	8.22	2,586.00	NE-HIGH
1204	8.22	2,570.00	NE-HIGH
1206	8.22	2,581.00	NE-HIGH
1208	8.22	2,586.00	NE-HIGH
1210	8.22	2,537.00	NE-HIGH
1218	8.22	2,618.00	NE-HIGH
1234	8.22	2,518.00	NE-HIGH
1236	0	2,504.00	NE-HIGH
1324	8.22	2,631.00	NE-HIGH
1328	8.22	2,608.00	NE-HIGH
1332	8.22	2,612.00	NE-HIGH
1334	8.22	2,614.00	NE-HIGH
1336	8.22	2,600.00	NE-HIGH
1338	8.22	2,608.00	NE-HIGH
1340	8.22	2,604.00	NE-HIGH
1344	8.22	2,577.00	NE-HIGH
1346	8.22	2,573.00	NE-HIGH
1348	8.22	2,596.00	NE-HIGH
1352	8.22	2,585.00	NE-HIGH
1386	8.22	2,620.00	NE-HIGH
1420	8.22	2,609.00	NE-HIGH
1422	8.22	2,622.00	NE-HIGH
1448	8.22	2,638.00	NE-HIGH
1456	8.22	2,518.00	NE-HIGH
1504	8.22	2,548.00	NE-HIGH
1530	8.22	2,515.00	NE-HIGH
1532	8.22	2,516.00	NE-HIGH
1544	0	2,523.00	NE-HIGH
1546	8.22	2,540.00	NE-HIGH
1548	8.22	2,570.00	NE-HIGH
1550	8.22	2,580.00	NE-HIGH

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Modeled Junctions: 2013 Maximum Day Demand (Current Conditions)			
ID	Demand (gallons per minute)	Elevation (feet)	Pressure Zone
1552	8.22	2,550.00	NE-HIGH
1554	8.22	2,546.00	NE-HIGH
1630	8.22	2,610.00	NE-HIGH
1644	8.22	2,629.00	NE-HIGH
1326	8.22	2,681.00	NE-HIGH-NO-FF
1330	8.22	2,700.00	NE-HIGH-NO-FF
1350	8.22	2,680.00	NE-HIGH-NO-FF
1354	8.22	2,679.00	NE-HIGH-NO-FF
96	6.35	2,536.00	N-INTER
100	6.35	2,563.00	N-INTER
102	6.35	2,505.00	N-INTER
104	6.35	2,548.00	N-INTER
130	6.35	2,487.00	N-INTER
132	6.35	2,487.00	N-INTER
134	6.35	2,480.00	N-INTER
136	6.35	2,507.00	N-INTER
138	6.35	2,516.00	N-INTER
140	6.35	2,470.00	N-INTER
142	6.35	2,430.00	N-INTER
144	6.35	2,508.00	N-INTER
146	6.35	2,500.00	N-INTER
148	6.35	2,476.00	N-INTER
150	6.35	2,492.00	N-INTER
152	6.35	2,502.00	N-INTER
154	6.35	2,503.00	N-INTER
156	6.35	2,442.00	N-INTER
158	6.35	2,440.00	N-INTER
160	6.35	2,440.00	N-INTER
162	6.35	2,450.00	N-INTER
164	0	2,450.00	N-INTER
166	6.35	2,466.00	N-INTER
168	6.35	2,504.00	N-INTER
170	0	2,535.00	N-INTER
176	0	2,535.00	N-INTER
178	0	2,535.00	N-INTER
180	0	2,535.00	N-INTER
188	6.35	2,596.00	N-INTER
190	6.35	2,557.00	N-INTER
194	6.35	2,542.00	N-INTER
200	6.35	2,532.00	N-INTER
202	0	2,600.00	N-INTER

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Modeled Junctions: 2013 Maximum Day Demand (Current Conditions)			
ID	Demand (gallons per minute)	Elevation (feet)	Pressure Zone
204	0	2,600.00	N-INTER
210	0	2,600.00	N-INTER
224	6.35	2,504.00	N-INTER
232	6.35	2,532.00	N-INTER
234	6.35	2,523.00	N-INTER
236	6.35	2,532.00	N-INTER
238	6.35	2,505.00	N-INTER
240	6.35	2,504.00	N-INTER
242	6.35	2,455.00	N-INTER
244	6.35	2,490.00	N-INTER
246	6.35	2,513.00	N-INTER
248	6.35	2,525.00	N-INTER
250	6.35	2,527.00	N-INTER
252	6.35	2,550.00	N-INTER
254	6.35	2,537.00	N-INTER
264	0	2,574.00	N-INTER
266	0	2,574.00	N-INTER
272	6.35	2,525.00	N-INTER
274	6.35	2,525.00	N-INTER
278	6.35	2,438.00	N-INTER
280	6.35	2,420.00	N-INTER
282	6.35	2,414.00	N-INTER
284	6.35	2,445.00	N-INTER
286	6.35	2,433.00	N-INTER
288	6.35	2,566.00	N-INTER
290	6.35	2,523.00	N-INTER
292	6.35	2,436.00	N-INTER
294	6.35	2,432.00	N-INTER
296	6.35	2,503.00	N-INTER
298	6.35	2,520.00	N-INTER
302	6.35	2,485.00	N-INTER
304	6.35	2,508.00	N-INTER
306	6.35	2,520.00	N-INTER
308	6.35	2,530.00	N-INTER
310	6.35	2,530.00	N-INTER
312	6.35	2,505.00	N-INTER
314	6.35	2,490.00	N-INTER
316	6.35	2,468.00	N-INTER
318	6.35	2,468.00	N-INTER
320	6.35	2,476.00	N-INTER
322	6.35	2,430.00	N-INTER

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Modeled Junctions: 2013 Maximum Day Demand (Current Conditions)			
ID	Demand (gallons per minute)	Elevation (feet)	Pressure Zone
324	6.35	2,432.00	N-INTER
326	6.35	2,468.00	N-INTER
328	6.35	2,499.00	N-INTER
330	6.35	2,500.00	N-INTER
332	6.35	2,362.00	N-INTER
334	6.35	2,376.00	N-INTER
336	6.35	2,440.00	N-INTER
338	6.35	2,439.00	N-INTER
340	6.35	2,460.00	N-INTER
342	6.35	2,483.00	N-INTER
344	6.35	2,505.00	N-INTER
346	6.35	2,511.00	N-INTER
348	6.35	2,537.00	N-INTER
350	6.35	2,510.00	N-INTER
352	6.35	2,535.00	N-INTER
354	6.35	2,463.00	N-INTER
356	6.35	2,497.00	N-INTER
358	6.35	2,486.00	N-INTER
360	6.35	2,504.00	N-INTER
362	6.35	2,500.00	N-INTER
364	6.35	2,527.00	N-INTER
366	6.35	2,539.00	N-INTER
368	6.35	2,425.00	N-INTER
370	6.35	2,490.00	N-INTER
372	6.35	2,416.00	N-INTER
374	6.35	2,393.00	N-INTER
376	6.35	2,416.00	N-INTER
378	6.35	2,486.00	N-INTER
380	6.35	2,448.00	N-INTER
382	6.35	2,487.00	N-INTER
384	6.35	2,475.00	N-INTER
386	6.35	2,485.00	N-INTER
388	6.35	2,448.00	N-INTER
390	6.35	2,444.00	N-INTER
392	6.35	2,463.00	N-INTER
394	6.35	2,467.00	N-INTER
396	6.35	2,434.00	N-INTER
398	6.35	2,353.00	N-INTER
400	0	2,350.00	N-INTER
406	6.35	2,454.00	N-INTER
410	6.35	2,469.00	N-INTER

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Modeled Junctions: 2013 Maximum Day Demand (Current Conditions)			
ID	Demand (gallons per minute)	Elevation (feet)	Pressure Zone
412	6.35	2,490.00	N-INTER
418	6.35	2,458.00	N-INTER
420	6.35	2,464.00	N-INTER
422	6.35	2,437.00	N-INTER
424	6.35	2,468.00	N-INTER
426	6.35	2,458.00	N-INTER
428	6.35	2,433.00	N-INTER
430	6.35	2,437.00	N-INTER
436	6.35	2,454.00	N-INTER
438	6.35	2,448.00	N-INTER
440	6.35	2,465.00	N-INTER
442	6.35	2,494.00	N-INTER
444	6.35	2,520.00	N-INTER
470	6.35	2,420.00	N-INTER
472	6.35	2,346.00	N-INTER
476	6.35	2,395.00	N-INTER
478	6.35	2,437.00	N-INTER
480	6.35	2,453.00	N-INTER
482	6.35	2,462.00	N-INTER
484	6.35	2,466.00	N-INTER
486	6.35	2,439.00	N-INTER
488	6.35	2,418.00	N-INTER
490	6.35	2,469.00	N-INTER
492	6.35	2,468.00	N-INTER
494	6.35	2,456.00	N-INTER
496	6.35	2,419.00	N-INTER
512	6.35	2,485.00	N-INTER
514	6.35	2,485.00	N-INTER
516	6.35	2,495.00	N-INTER
518	6.35	2,481.00	N-INTER
520	6.35	2,459.00	N-INTER
522	6.35	2,494.00	N-INTER
524	6.35	2,398.00	N-INTER
526	6.35	2,458.00	N-INTER
528	6.35	2,424.00	N-INTER
530	6.35	2,520.00	N-INTER
532	6.35	2,434.00	N-INTER
534	6.35	2,458.00	N-INTER
536	6.35	2,540.00	N-INTER
538	6.35	2,484.00	N-INTER
540	6.35	2,456.00	N-INTER

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Water Distribution Model - 2013 Max Day Demand (Current Conditions)

Modeled Junctions: 2013 Maximum Day Demand (Current Conditions)			
ID	Demand (gallons per minute)	Elevation (feet)	Pressure Zone
542	6.35	2,435.00	N-INTER
544	6.35	2,435.00	N-INTER
546	6.35	2,460.00	N-INTER
548	6.35	2,520.00	N-INTER
550	6.35	2,498.00	N-INTER
552	6.35	2,537.00	N-INTER
554	6.35	2,428.00	N-INTER
556	6.35	2,430.00	N-INTER
558	6.35	2,493.00	N-INTER
560	6.35	2,495.00	N-INTER
562	6.35	2,520.00	N-INTER
564	6.35	2,540.00	N-INTER
566	6.35	2,505.00	N-INTER
568	6.35	2,519.00	N-INTER
570	6.35	2,518.00	N-INTER
572	6.35	2,476.00	N-INTER
574	6.35	2,508.00	N-INTER
576	6.35	2,519.00	N-INTER
1034	6.35	2,465.00	N-INTER
1048	6.35	2,563.00	N-INTER
1062	0	2,544.00	N-INTER
1066	0	2,544.00	N-INTER
1070	0	2,544.00	N-INTER
1072	0	2,544.00	N-INTER
1076	0	2,564.00	N-INTER
1082	6.35	2,525.00	N-INTER
1084	6.35	2,542.00	N-INTER
1088	6.35	2,537.00	N-INTER
1090	6.35	2,519.00	N-INTER
1092	6.35	2,514.00	N-INTER
1100	0	2,360.00	N-INTER
1142	6.35	2,350.00	N-INTER
1152	6.35	2,388.00	N-INTER
1168	6.35	2,480.00	N-INTER
1216	0	2,600.00	N-INTER
1220	0	2,594.00	N-INTER
1222	0	2,584.00	N-INTER
1230	6.35	2,482.00	N-INTER
1232	6.35	2,492.00	N-INTER
1238	0	2,502.00	N-INTER
1240	6.35	2,442.00	N-INTER

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Modeled Junctions: 2013 Maximum Day Demand (Current Conditions)			
ID	Demand (gallons per minute)	Elevation (feet)	Pressure Zone
1258	6.35	2,505.00	N-INTER
1320	6.35	2,477.00	N-INTER
1322	6.35	2,458.00	N-INTER
1410	6.35	2,470.00	N-INTER
1412	6.35	2,498.00	N-INTER
1414	6.35	2,472.00	N-INTER
1416	6.35	2,482.00	N-INTER
1418	6.35	2,490.00	N-INTER
1450	6.35	2,523.00	N-INTER
1472	6.35	2,476.00	N-INTER
1474	6.35	2,500.00	N-INTER
1476	6.35	2,514.00	N-INTER
1506	6.35	2,460.00	N-INTER
1508	6.35	2,466.00	N-INTER
1524	6.35	2,489.00	N-INTER
1526	6.35	2,491.00	N-INTER
1528	6.35	2,530.00	N-INTER
1570	0	2,521.00	N-INTER
1572	6.35	2,518.00	N-INTER
1610	0	2,344.00	N-INTER
1628	6.35	2,448.00	N-INTER
1638	6.35	2,432.00	N-INTER
1640	6.35	2,486.00	N-INTER
1646	0	2,623.00	N-INTER
1662	0	2,532.00	N-INTER
128	6.35	2,500.00	N-INTER-NO-FF
62	5.65	2,550.00	NW-HIGH
64	5.65	2,560.00	NW-HIGH
66	5.65	2,489.00	NW-HIGH
68	5.65	2,480.00	NW-HIGH
70	5.65	2,560.00	NW-HIGH
72	5.65	2,550.00	NW-HIGH
74	5.65	2,543.00	NW-HIGH
76	5.65	2,555.00	NW-HIGH
78	5.65	2,555.00	NW-HIGH
80	0	2,625.00	NW-HIGH
82	5.65	2,553.00	NW-HIGH
84	5.65	2,600.00	NW-HIGH
86	5.65	2,593.00	NW-HIGH
88	5.65	2,603.00	NW-HIGH
90	5.65	2,601.00	NW-HIGH

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Modeled Junctions: 2013 Maximum Day Demand (Current Conditions)			
ID	Demand (gallons per minute)	Elevation (feet)	Pressure Zone
94	5.65	2,565.00	NW-HIGH
98	5.65	2,560.00	NW-HIGH
106	5.65	2,557.00	NW-HIGH
108	5.65	2,568.00	NW-HIGH
110	5.65	2,563.00	NW-HIGH
112	5.65	2,566.00	NW-HIGH
114	5.65	2,572.00	NW-HIGH
116	0	2,544.00	NW-HIGH
118	5.65	2,508.00	NW-HIGH
120	5.65	2,519.00	NW-HIGH
122	5.65	2,537.00	NW-HIGH
124	5.65	2,560.00	NW-HIGH
126	5.65	2,553.00	NW-HIGH
192	5.65	2,598.00	NW-HIGH
196	5.65	2,596.00	NW-HIGH
198	5.65	2,542.00	NW-HIGH
206	0	2,600.00	NW-HIGH
208	0	2,600.00	NW-HIGH
212	0	2,600.00	NW-HIGH
214	5.65	2,600.00	NW-HIGH
216	5.65	2,566.00	NW-HIGH
218	0	2,586.00	NW-HIGH
220	5.65	2,525.00	NW-HIGH
222	5.65	2,525.00	NW-HIGH
226	5.65	2,512.00	NW-HIGH
228	5.65	2,532.00	NW-HIGH
230	5.65	2,532.00	NW-HIGH
1064	0	2,544.00	NW-HIGH
1068	0	2,544.00	NW-HIGH
1074	0	2,544.00	NW-HIGH
1086	5.65	2,560.00	NW-HIGH
1094	5.65	2,487.00	NW-HIGH
1098	5.65	2,536.00	NW-HIGH
1244	5.65	2,541.00	NW-HIGH
1246	5.65	2,561.00	NW-HIGH
1248	5.65	2,584.00	NW-HIGH
1250	5.65	2,574.00	NW-HIGH
1252	5.65	2,585.00	NW-HIGH
1254	5.65	2,589.00	NW-HIGH
1256	5.65	2,541.00	NW-HIGH
1360	5.65	2,565.00	NW-HIGH

Appendix L
Water Distribution Model - 2013 Max Day Demand (Current Conditions)

Modeled Junctions: 2013 Maximum Day Demand (Current Conditions)			
ID	Demand (gallons per minute)	Elevation (feet)	Pressure Zone
1362	5.65	2,557.00	NW-HIGH
1364	5.65	2,590.00	NW-HIGH
1368	5.65	2,544.00	NW-HIGH
1370	5.65	2,541.00	NW-HIGH
1372	5.65	2,504.00	NW-HIGH
1374	5.65	2,488.00	NW-HIGH
1376	5.65	2,500.00	NW-HIGH
1378	5.65	2,511.00	NW-HIGH
1388	5.65	2,500.00	NW-HIGH
1402	5.65	2,540.00	NW-HIGH
1404	5.65	2,544.00	NW-HIGH
1406	5.65	2,530.00	NW-HIGH
1408	5.65	2,575.00	NW-HIGH
1478	5.65	2,545.00	NW-HIGH
1480	5.65	2,562.00	NW-HIGH
1482	5.65	2,570.00	NW-HIGH
1490	5.65	2,590.00	NW-HIGH
1632	5.65	2,528.00	NW-HIGH
_NEA	5.65	2,532.00	NW-HIGH
92	5.65	2,593.00	NW-HIGH-NO-FF
1080	5.65	2,504.00	NW-HIGH-NO-FF
1110	5.65	2,548.00	NW-HIGH-NO-FF
1366	5.65	2,601.00	NW-HIGH-NO-FF
1054	0	2,648.00	OLD BOOSTER DISCHARG
1060	0	2,648.00	OLD BOOSTER DISCHARG
1050	0	2,553.00	OLD BOOSTER SUCTION
1052	0	2,555.00	OLD BOOSTER SUCTION
60	0	2,685.00	RESERVOIR
452	0	2,492.00	RESERVOIR
634	0	2,545.00	RESERVOIR
640	0	2,494.00	RESERVOIR
666	0	2,492.00	RESERVOIR
744	0	2,606.00	RESERVOIR
1012	0	2,537.00	RESERVOIR
1016	0	2,515.00	RESERVOIR
1018	0	2,515.00	RESERVOIR
1058	0	2,550.00	RESERVOIR
1122	0	2,606.00	RESERVOIR
1124	0	2,606.00	RESERVOIR
604	0	2,540.00	S-INTER
606	0	2,540.00	S-INTER

Appendix L
Water Distribution Model - 2013 Max Day Demand (Current Conditions)

Modeled Junctions: 2013 Maximum Day Demand (Current Conditions)			
ID	Demand (gallons per minute)	Elevation (feet)	Pressure Zone
612	5.41	2,475.00	S-INTER
614	5.41	2,485.00	S-INTER
616	5.41	2,486.00	S-INTER
618	5.41	2,475.00	S-INTER
620	5.41	2,495.00	S-INTER
622	5.41	2,487.00	S-INTER
624	5.41	2,495.00	S-INTER
626	5.41	2,501.00	S-INTER
628	5.41	2,500.00	S-INTER
630	5.41	2,550.00	S-INTER
632	5.41	2,550.00	S-INTER
636	5.41	2,490.00	S-INTER
638	0	2,545.00	S-INTER
642	5.41	2,498.00	S-INTER
644	5.41	2,497.00	S-INTER
646	5.41	2,550.00	S-INTER
648	5.41	2,530.00	S-INTER
650	5.41	2,505.00	S-INTER
652	5.41	2,500.00	S-INTER
654	5.41	2,550.00	S-INTER
656	5.41	2,505.00	S-INTER
658	5.41	2,502.00	S-INTER
660	5.41	2,512.00	S-INTER
662	5.41	2,431.00	S-INTER
664	5.41	2,428.00	S-INTER
668	5.41	2,431.00	S-INTER
670	5.41	2,490.00	S-INTER
672	5.41	2,476.00	S-INTER
674	5.41	2,482.00	S-INTER
676	5.41	2,550.00	S-INTER
678	0	2,585.00	S-INTER
680	0	2,446.00	S-INTER
716	0	2,514.00	S-INTER
720	5.41	2,507.00	S-INTER
722	5.41	2,501.00	S-INTER
726	5.41	2,498.00	S-INTER
728	5.41	2,525.00	S-INTER
730	5.41	2,484.00	S-INTER
732	5.41	2,479.00	S-INTER
734	5.41	2,475.00	S-INTER
736	5.41	2,437.00	S-INTER

Appendix L
Water Distribution Model - 2013 Max Day Demand (Current Conditions)

Modeled Junctions: 2013 Maximum Day Demand (Current Conditions)			
ID	Demand (gallons per minute)	Elevation (feet)	Pressure Zone
738	0	2,446.69	S-INTER
748	5.41	2,515.00	S-INTER
750	5.41	2,425.00	S-INTER
752	5.41	2,425.00	S-INTER
754	5.41	2,425.00	S-INTER
756	5.41	2,435.00	S-INTER
758	5.41	2,430.00	S-INTER
760	5.41	2,410.00	S-INTER
762	5.41	2,560.00	S-INTER
764	5.41	2,513.00	S-INTER
766	5.41	2,525.00	S-INTER
768	5.41	2,520.00	S-INTER
770	5.41	2,467.00	S-INTER
772	5.41	2,432.00	S-INTER
774	5.41	2,503.00	S-INTER
776	5.41	2,454.00	S-INTER
778	5.41	2,430.00	S-INTER
780	5.41	2,408.00	S-INTER
782	5.41	2,447.00	S-INTER
784	5.41	2,432.00	S-INTER
788	5.41	2,433.00	S-INTER
790	5.41	2,429.00	S-INTER
792	5.41	2,427.00	S-INTER
800	5.41	2,405.00	S-INTER
802	5.41	2,407.00	S-INTER
804	5.41	2,411.00	S-INTER
806	5.41	2,429.00	S-INTER
808	5.41	2,417.00	S-INTER
810	5.41	2,523.00	S-INTER
812	5.41	2,505.00	S-INTER
814	5.41	2,514.00	S-INTER
816	5.41	2,523.00	S-INTER
818	5.41	2,515.00	S-INTER
820	5.41	2,514.00	S-INTER
822	5.41	2,474.00	S-INTER
824	5.41	2,507.00	S-INTER
826	5.41	2,490.00	S-INTER
828	5.41	2,479.00	S-INTER
830	5.41	2,490.00	S-INTER
874	5.41	2,459.00	S-INTER
876	5.41	2,441.00	S-INTER

Appendix L
Water Distribution Model - 2013 Max Day Demand (Current Conditions)

Modeled Junctions: 2013 Maximum Day Demand (Current Conditions)			
ID	Demand (gallons per minute)	Elevation (feet)	Pressure Zone
900	5.41	2,425.00	S-INTER
912	5.41	2,456.00	S-INTER
914	5.41	2,423.00	S-INTER
916	5.41	2,510.00	S-INTER
918	5.41	2,525.00	S-INTER
920	5.41	2,505.00	S-INTER
922	5.41	2,453.00	S-INTER
924	5.41	2,469.00	S-INTER
926	5.41	2,455.00	S-INTER
928	5.41	2,450.00	S-INTER
930	5.41	2,432.00	S-INTER
932	0	2,406.00	S-INTER
934	5.41	2,476.00	S-INTER
936	5.41	2,441.00	S-INTER
938	5.41	2,434.00	S-INTER
940	5.41	2,433.00	S-INTER
942	5.41	2,456.00	S-INTER
944	5.41	2,455.00	S-INTER
946	5.41	2,487.00	S-INTER
948	5.41	2,499.00	S-INTER
950	5.41	2,484.00	S-INTER
952	5.41	2,453.00	S-INTER
954	5.41	2,430.00	S-INTER
956	5.41	2,500.00	S-INTER
958	5.41	2,492.00	S-INTER
960	5.41	2,475.00	S-INTER
962	5.41	2,461.00	S-INTER
964	5.41	2,461.00	S-INTER
966	5.41	2,530.00	S-INTER
968	5.41	2,570.00	S-INTER
970	5.41	2,550.00	S-INTER
972	5.41	2,472.00	S-INTER
974	5.41	2,461.00	S-INTER
976	5.41	2,452.00	S-INTER
978	5.41	2,447.00	S-INTER
980	5.41	2,510.00	S-INTER
982	5.41	2,530.00	S-INTER
984	5.41	2,573.00	S-INTER
986	5.41	2,525.00	S-INTER
988	5.41	2,540.00	S-INTER
990	5.41	2,554.00	S-INTER

Appendix L
Water Distribution Model - 2013 Max Day Demand (Current Conditions)

Modeled Junctions: 2013 Maximum Day Demand (Current Conditions)			
ID	Demand (gallons per minute)	Elevation (feet)	Pressure Zone
992	5.41	2,540.00	S-INTER
994	5.41	2,525.00	S-INTER
996	5.41	2,531.00	S-INTER
998	5.41	2,517.00	S-INTER
1000	5.41	2,505.00	S-INTER
1002	5.41	2,511.00	S-INTER
1004	5.41	2,457.00	S-INTER
1006	5.41	2,480.00	S-INTER
1014	0	2,540.00	S-INTER
1020	0	2,515.00	S-INTER
1022	0	2,515.00	S-INTER
1024	5.41	2,505.00	S-INTER
1026	5.41	2,450.00	S-INTER
1028	5.41	2,485.00	S-INTER
1036	5.41	2,408.00	S-INTER
1078	0	2,524.00	S-INTER
1112	5.41	2,572.00	S-INTER
1114	0	2,540.00	S-INTER
1118	0	2,545.00	S-INTER
1130	0	2,415.00	S-INTER
1138	5.41	2,511.00	S-INTER
1148	0	2,415.00	S-INTER
1174	0	2,418.00	S-INTER
1194	5.41	2,480.00	S-INTER
1198	5.41	2,490.00	S-INTER
1200	5.41	2,496.00	S-INTER
1224	5.41	2,470.00	S-INTER
1226	5.41	2,557.00	S-INTER
1227	5.41	2,560.00	S-INTER
1228	5.41	2,522.00	S-INTER
1394	5.41	2,480.00	S-INTER
1396	5.41	2,484.00	S-INTER
1398	5.41	2,482.00	S-INTER
1434	0	2,528.00	S-INTER
1452	5.41	2,500.00	S-INTER
1454	5.41	2,485.00	S-INTER
1462	5.41	2,489.00	S-INTER
1464	5.41	2,490.00	S-INTER
1466	5.41	2,490.00	S-INTER
1534	5.41	2,485.00	S-INTER
1560	0	2,514.00	S-INTER

Appendix L
Water Distribution Model - 2013 Max Day Demand (Current Conditions)

Modeled Junctions: 2013 Maximum Day Demand (Current Conditions)			
ID	Demand (gallons per minute)	Elevation (feet)	Pressure Zone
1564	0	2,514.00	S-INTER
1594	5.41	2,513.00	S-INTER
1596	5.41	2,548.00	S-INTER
1598	5.41	2,524.00	S-INTER
1600	5.41	2,497.00	S-INTER
1602	5.41	2,515.00	S-INTER
1604	5.41	2,474.00	S-INTER
1606	5.41	2,453.00	S-INTER
1612	0	2,482.00	S-INTER
1614	5.41	2,474.00	S-INTER
1634	5.41	2,439.00	S-INTER
1636	5.41	2,466.00	S-INTER
1642	5.41	2,486.00	S-INTER
1648	0	2,510.00	S-INTER
1650	0	2,485.00	S-INTER
1652	0	2,470.00	S-INTER
602	5.41	2,525.00	S-INTER-NO-FF
1654	0	2,580.00	S-INTER-NO-FF
1656	0	2,520.00	S-INTER-NO-FF
578	5.94	2,604.00	SW-HIGH
580	5.94	2,595.00	SW-HIGH
582	5.94	2,677.00	SW-HIGH
584	5.94	2,638.00	SW-HIGH
586	5.94	2,590.00	SW-HIGH
588	5.94	2,589.00	SW-HIGH
590	5.94	2,600.00	SW-HIGH
592	5.94	2,600.00	SW-HIGH
594	0	2,549.00	SW-HIGH
596	5.94	2,600.00	SW-HIGH
598	5.94	2,577.00	SW-HIGH
600	0	2,573.00	SW-HIGH
610	0	2,549.00	SW-HIGH
682	5.94	2,625.00	SW-HIGH
684	5.94	2,620.00	SW-HIGH
686	5.94	2,575.00	SW-HIGH
688	5.94	2,578.00	SW-HIGH
690	5.94	2,568.00	SW-HIGH
692	5.94	2,543.00	SW-HIGH
694	5.94	2,570.00	SW-HIGH
696	5.94	2,535.00	SW-HIGH
698	5.94	2,618.00	SW-HIGH

Appendix L
Water Distribution Model - 2013 Max Day Demand (Current Conditions)

Modeled Junctions: 2013 Maximum Day Demand (Current Conditions)			
ID	Demand (gallons per minute)	Elevation (feet)	Pressure Zone
700	5.94	2,562.00	SW-HIGH
702	5.94	2,605.00	SW-HIGH
704	0	2,645.00	SW-HIGH
706	5.94	2,580.00	SW-HIGH
708	5.94	2,536.00	SW-HIGH
710	5.94	2,605.00	SW-HIGH
712	5.94	2,544.00	SW-HIGH
714	0	2,531.00	SW-HIGH
718	5.94	2,533.00	SW-HIGH
724	5.94	2,525.00	SW-HIGH
742	0	2,587.00	SW-HIGH
746	5.94	2,588.00	SW-HIGH
1030	5.94	2,600.00	SW-HIGH
1032	5.94	2,655.00	SW-HIGH
1116	0	2,549.00	SW-HIGH
1126	0	2,587.00	SW-HIGH
1128	0	2,587.00	SW-HIGH
1154	5.94	2,615.00	SW-HIGH
1156	5.94	2,558.00	SW-HIGH
1162	5.94	2,600.00	SW-HIGH
1190	5.94	2,515.00	SW-HIGH
1260	5.94	2,612.00	SW-HIGH
1262	5.94	2,608.00	SW-HIGH
1264	5.94	2,600.00	SW-HIGH
1266	5.94	2,623.00	SW-HIGH
1268	0	2,620.00	SW-HIGH
1270	5.94	2,588.00	SW-HIGH
1272	5.94	2,552.00	SW-HIGH
1274	5.94	2,583.00	SW-HIGH
1276	5.94	2,652.00	SW-HIGH
1278	5.94	2,664.00	SW-HIGH
1280	5.94	2,649.00	SW-HIGH
1282	5.94	2,640.00	SW-HIGH
1286	5.94	2,658.00	SW-HIGH
1288	5.94	2,558.00	SW-HIGH
1290	5.94	2,545.00	SW-HIGH
1292	5.94	2,510.00	SW-HIGH
1294	5.94	2,536.00	SW-HIGH
1296	5.94	2,528.00	SW-HIGH
1298	5.94	2,546.00	SW-HIGH
1302	0	2,494.00	SW-HIGH

Appendix L
Water Distribution Model - 2013 Max Day Demand (Current Conditions)

Modeled Junctions: 2013 Maximum Day Demand (Current Conditions)			
ID	Demand (gallons per minute)	Elevation (feet)	Pressure Zone
1304	5.94	2,514.00	SW-HIGH
1306	5.94	2,626.00	SW-HIGH
1308	5.94	2,624.00	SW-HIGH
1312	5.94	2,598.00	SW-HIGH
1314	5.94	2,515.00	SW-HIGH
1316	5.94	2,510.00	SW-HIGH
1318	5.94	2,495.00	SW-HIGH
1430	5.94	2,542.00	SW-HIGH
1432	5.94	2,543.00	SW-HIGH
1438	0	2,533.00	SW-HIGH
1468	5.94	2,611.00	SW-HIGH
1470	5.94	2,608.00	SW-HIGH
1484	5.94	2,560.00	SW-HIGH
1488	5.94	2,559.00	SW-HIGH
1536	5.94	2,548.00	SW-HIGH
1538	5.94	2,562.00	SW-HIGH
1540	5.94	2,556.00	SW-HIGH
1542	5.94	2,550.00	SW-HIGH
1574	5.94	2,582.00	SW-HIGH
1576	5.94	2,615.00	SW-HIGH
1578	5.94	2,589.00	SW-HIGH
1580	5.94	2,618.00	SW-HIGH
1582	5.94	2,624.00	SW-HIGH
1584	5.94	2,565.00	SW-HIGH
1586	5.94	2,583.00	SW-HIGH
1588	5.94	2,558.00	SW-HIGH
1590	5.94	2,528.00	SW-HIGH
1592	5.94	2,537.00	SW-HIGH
1618	5.94	2,551.00	SW-HIGH
1620	5.94	2,630.00	SW-HIGH
1622	5.94	2,611.00	SW-HIGH
1566	0	2,342.00	WELL4
256	0	2,424.12	WELL6
402	0	2,342.18	WELL7

Appendix L
Water Distribution Model Output - 2013 Max Day Demand (Current Conditions)

Modeled Pipes: 2013 Max Day Demand (Current Conditions)				
ID	Length (feet)	Diameter (inches)	Roughness	Pressure Zone
541	534.07	12	150	LOW
583	156.23	8	130	LOW
585	167.33	6	130	LOW
587	499.05	6	130	LOW
597	285.24	6	130	LOW
599	1,145.49	6	130	LOW
601	247.84	6	130	LOW
603	1,025.20	8	150	LOW
605	945.58	8	150	LOW
607	326.22	8	130	LOW
609	510.1	8	130	LOW
611	345.99	8	130	LOW
613	334.73	8	130	LOW
615	411.05	8	130	LOW
617	350.9	4	130	LOW
619	395.4	8	130	LOW
621	764.06	8	130	LOW
623	153.99	8	130	LOW
625	144.79	8	130	LOW
627	602.81	8	130	LOW
629	1,449.45	8	130	LOW
631	145.09	8	130	LOW
645	563.76	10	130	LOW
647	275.31	10	130	LOW
649	235.92	10	130	LOW
651	491.6	8	130	LOW
653	710.4	8	130	LOW
655	831.5	6	130	LOW
657	100	8	130	LOW
861	722.12	8	150	LOW
905	56.21	6	150	LOW
907	63.32	8	150	LOW
1081	499.04	8	130	LOW
1083	580.36	8	130	LOW
1085	377.72	6	130	LOW
1087	629.45	6	130	LOW
1089	437.95	6	130	LOW
1091	341.17	8	130	LOW
1137	257.43	12	130	LOW
1139	305.56	12	130	LOW
1143	513.47	6	130	LOW
1145	199.75	8	130	LOW

Appendix L
Water Distribution Model Output - 2013 Max Day Demand (Current Conditions)

Modeled Pipes: 2013 Max Day Demand (Current Conditions)				
ID	Length (feet)	Diameter (inches)	Roughness	Pressure Zone
1147	673.93	8	130	LOW
1149	379.29	6	130	LOW
1153	692.84	6	130	LOW
1155	69.15	12	130	LOW
1157	132.69	12	130	LOW
1159	461.06	10	130	LOW
1161	90.84	8	130	LOW
1163	386.62	4	130	LOW
1165	413.94	6	130	LOW
1167	406.68	12	130	LOW
1169	384.24	8	130	LOW
1171	514.55	4	130	LOW
1173	430.11	4	130	LOW
1175	773.11	12	130	LOW
1177	268.89	4	130	LOW
1179	92.5	4	130	LOW
1181	45.46	4	130	LOW
1183	399.12	8	130	LOW
1185	128.88	12	130	LOW
1191	249.69	4	130	LOW
1193	166.6	8	130	LOW
1195	495.83	6	130	LOW
1197	458.84	6	130	LOW
1199	362.19	6	130	LOW
1201	336.88	6	130	LOW
1205	971.29	6	130	LOW
1207	281.44	8	130	LOW
1209	789.8	8	130	LOW
1211	304.86	8	150	LOW
1213	886.49	8	150	LOW
1215	340.57	6	130	LOW
1217	2,500.53	6	150	LOW
1219	1,079.05	8	150	LOW
1221	2,240.10	8	150	LOW
1223	393.6	8	150	LOW
1225	285.94	8	150	LOW
1227	741.67	12	130	LOW
1229	1,419.97	6	130	LOW
1231	1,415.03	8	150	LOW
1233	319.18	6	130	LOW
1235	170.52	8	150	LOW
1237	712.9	8	130	LOW

Appendix L
Water Distribution Model Output - 2013 Max Day Demand (Current Conditions)

Modeled Pipes: 2013 Max Day Demand (Current Conditions)				
ID	Length (feet)	Diameter (inches)	Roughness	Pressure Zone
1239	159.12	8	130	LOW
1241	733.77	10	150	LOW
1243	400.73	8	150	LOW
1245	768.56	6	150	LOW
1247	177.95	12	150	LOW
1395	386.67	6	130	LOW
1399	315.14	8	130	LOW
1417	85.99	8	130	LOW
1419	85.99	8	130	LOW
1499	189.28	12	130	LOW
1523	47.42	6	130	LOW
1525	185.49	6	130	LOW
1527	360.46	8	130	LOW
1529	123.4	6	130	LOW
1531	444.81	8	130	LOW
1557	1,104.04	12	130	LOW
1563	50	7	130	LOW
1579	218.8	6	130	LOW
1585	65.57	6	130	LOW
1587	204.88	8	150	LOW
1593	267.35	10	130	LOW
1603	50	12	130	LOW
1669	755.81	8	150	LOW
1921	312.47	8	150	LOW
1923	271.54	8	130	LOW
1957	157.57	8	130	LOW
1959	728.08	6	130	LOW
1963	233.46	2	120	LOW
2037	94.96	12	150	LOW
2041	350.13	12	150	LOW
2099	1,042.07	12	130	LOW
2107	581.65	8	150	LOW
2109	492.52	12	150	LOW
2111	59.7	8	150	LOW
2113	488.69	8	150	LOW
2115	34.47	12	150	LOW
2117	326.42	8	150	LOW
2119	328.23	12	150	LOW
2189	130.7	10	130	LOW
2191	131.62	10	130	LOW
2193	112.83	8	130	LOW
2195	140.15	8	130	LOW

Appendix L

Water Distribution Model Output - 2013 Max Day Demand (Current Conditions)

Modeled Pipes: 2013 Max Day Demand (Current Conditions)				
ID	Length (feet)	Diameter (inches)	Roughness	Pressure Zone
2197	59.71	8	130	LOW
2201	73.76	8	130	LOW
2217	60.21	6	130	LOW
2271	20.44	8	130	LOW
2273	18.38	8	130	LOW
2279	33.53	8	130	LOW
2295	263.54	8	150	LOW
2303	236.26	6	130	LOW
2305	35.16	6	130	LOW
2499	430.83	10	130	LOW
2501	228.35	8	130	LOW
3-THROTTLED1	100	10	150	LOW
3-THROTTLED2	100	10	150	LOW
DERBY-A1	51.15	6	150	LOW
DERBY-B1	51.15	6	150	LOW
PRV-BISHIP-BIG2	50	8	150	LOW
PRV-BISHOP-SMALL2	50	2	150	LOW
PRV-KLEMGARD2	123.98	4	150	LOW
SKYLINE-A1	118.21	7	150	LOW
SKYLINE-B1	82.96	7	150	LOW
11	1,024.98	8	130	NE-HIGH
13	577.89	8	130	NE-HIGH
15	783.67	8	130	NE-HIGH
17	321.52	8	130	NE-HIGH
19	1,296.97	8	130	NE-HIGH
21	399.49	10	130	NE-HIGH
23	135.17	10	130	NE-HIGH
25	459.68	10	130	NE-HIGH
27	449.14	10	130	NE-HIGH
29	266.51	10	130	NE-HIGH
31	88.81	10	130	NE-HIGH
33	409.46	10	130	NE-HIGH
35	172.44	10	130	NE-HIGH
37	182.16	10	130	NE-HIGH
39	1,215.76	10	110	NE-HIGH
41	979.36	10	130	NE-HIGH
43	488.04	10	130	NE-HIGH
45	338.12	10	130	NE-HIGH
51	330.58	10	130	NE-HIGH
53	342.9	10	130	NE-HIGH
55	378.64	10	130	NE-HIGH
57	716.04	10	130	NE-HIGH

Appendix L
Water Distribution Model Output - 2013 Max Day Demand (Current Conditions)

Modeled Pipes: 2013 Max Day Demand (Current Conditions)				
ID	Length (feet)	Diameter (inches)	Roughness	Pressure Zone
59	209.48	10	130	NE-HIGH
61	1,381.70	12	100	NE-HIGH
63	264.3	12	100	NE-HIGH
65	353.98	12	100	NE-HIGH
67	772.95	12	100	NE-HIGH
207	1,356.35	8	130	NE-HIGH
209	30.6	12	130	NE-HIGH
211	52.25	12	130	NE-HIGH
213	49.5	12	130	NE-HIGH
219	47.75	12	130	NE-HIGH
245	247.56	10	130	NE-HIGH
321	158.48	10	120	NE-HIGH
323	41.04	10	130	NE-HIGH
325	27.93	10	130	NE-HIGH
329	786.87	10	120	NE-HIGH
1447	132.62	8	130	NE-HIGH
1461	158.42	8	130	NE-HIGH
1463	1,543.68	6	130	NE-HIGH
1473	1,572.40	10	130	NE-HIGH
1475	211.05	6	130	NE-HIGH
1477	979.35	6	130	NE-HIGH
1607	1,433.42	10	120	NE-HIGH
1685	1,125.04	12	140	NE-HIGH
1687	566.78	12	140	NE-HIGH
1689	589.78	8	140	NE-HIGH
1691	1,136.97	8	140	NE-HIGH
1693	527.24	8	140	NE-HIGH
1695	330.61	10	130	NE-HIGH
1707	242.53	6	120	NE-HIGH
1725	74.48	8	120	NE-HIGH
1727	396.32	6	130	NE-HIGH
1729	193.36	8	120	NE-HIGH
1731	205.62	8	120	NE-HIGH
1765	548.16	12	130	NE-HIGH
1771	676.88	12	130	NE-HIGH
1875	448.68	10	130	NE-HIGH
1877	723.38	10	130	NE-HIGH
1879	471.52	10	130	NE-HIGH
1881	806.52	10	130	NE-HIGH
1883	1,175.09	10	130	NE-HIGH
1885	207.19	8	130	NE-HIGH
1887	273.54	8	130	NE-HIGH

Appendix L
Water Distribution Model Output - 2013 Max Day Demand (Current Conditions)

Modeled Pipes: 2013 Max Day Demand (Current Conditions)				
ID	Length (feet)	Diameter (inches)	Roughness	Pressure Zone
1891	499.58	8	130	NE-HIGH
1893	266.64	8	130	NE-HIGH
1895	364.1	8	130	NE-HIGH
1897	394.48	8	130	NE-HIGH
1901	548.73	10	130	NE-HIGH
1903	125.22	10	130	NE-HIGH
1905	660.99	10	130	NE-HIGH
1907	648.26	8	130	NE-HIGH
1909	266.88	10	130	NE-HIGH
1911	444.55	8	130	NE-HIGH
1913	358.92	8	130	NE-HIGH
1915	361.71	8	130	NE-HIGH
1965	120.29	10	130	NE-HIGH
1967	333.63	10	130	NE-HIGH
1973	120.83	12	130	NE-HIGH
2007	168.85	10	130	NE-HIGH
2009	231.22	10	130	NE-HIGH
2047	515.44	10	110	NE-HIGH
2059	1,036.12	10	130	NE-HIGH
2097	1,115.75	6	130	NE-HIGH
2121	212.15	12	100	NE-HIGH
2123	533.3	8	100	NE-HIGH
2157	323.55	10	130	NE-HIGH
2159	843.24	10	130	NE-HIGH
2171	136.25	10	130	NE-HIGH
2173	104	8	130	NE-HIGH
2175	737.59	8	130	NE-HIGH
2177	222.63	8	130	NE-HIGH
2179	104.39	10	130	NE-HIGH
2181	736.62	8	130	NE-HIGH
2183	225.54	8	130	NE-HIGH
2185	429.44	8	130	NE-HIGH
2219	97.11	8	130	NE-HIGH
2309	428.8	10	130	NE-HIGH
2327	161.62	10	130	NE-HIGH
2329	468.38	8	130	NE-HIGH
2543	21.27	8	120	NE-HIGH
HOPKINS-A2	23.7	6	150	NE-HIGH
HOPKINS-B2	23.7	6	150	NE-HIGH
NORTH-CAMPUS-A2	17.59	8	150	NE-HIGH
NORTH-CAMPUS-B2	17.12	8	150	NE-HIGH
PRV-HOPKINS1	23.7	6	150	NE-HIGH

Appendix L
Water Distribution Model Output - 2013 Max Day Demand (Current Conditions)

Modeled Pipes: 2013 Max Day Demand (Current Conditions)				
ID	Length (feet)	Diameter (inches)	Roughness	Pressure Zone
119	255.75	8	130	N-INTER
141	843.34	8	130	N-INTER
143	226.98	8	130	N-INTER
149	218.24	6	130	N-INTER
151	292.79	6	130	N-INTER
153	375.67	6	130	N-INTER
157	295.21	8	130	N-INTER
159	364.24	8	130	N-INTER
161	537.67	8	130	N-INTER
163	275.16	6	130	N-INTER
165	275.38	6	130	N-INTER
169	280.77	6	130	N-INTER
171	297.67	6	130	N-INTER
173	71.32	6	130	N-INTER
175	313.48	6	130	N-INTER
177	282.63	6	130	N-INTER
179	592.93	6	130	N-INTER
181	286.25	6	130	N-INTER
183	71.32	6	130	N-INTER
187	402.36	6	130	N-INTER
189	598.42	6	130	N-INTER
191	212.51	12	130	N-INTER
193	230.63	12	130	N-INTER
195	760.7	12	130	N-INTER
197	326.58	12	130	N-INTER
199	537.7	12	130	N-INTER
201	388.28	12	130	N-INTER
203	604.83	12	130	N-INTER
205	383.16	12	130	N-INTER
215	50	12	130	N-INTER
217	50	12	130	N-INTER
221	50	12	130	N-INTER
223	591.21	8	150	N-INTER
233	194.6	8	150	N-INTER
243	201.99	6	130	N-INTER
249	413.45	12	150	N-INTER
251	162.34	12	150	N-INTER
255	50	10	130	N-INTER
257	50	10	130	N-INTER
271	268.98	8	130	N-INTER
273	144.36	6	130	N-INTER
275	239	6	130	N-INTER

Appendix L
Water Distribution Model Output - 2013 Max Day Demand (Current Conditions)

Modeled Pipes: 2013 Max Day Demand (Current Conditions)				
ID	Length (feet)	Diameter (inches)	Roughness	Pressure Zone
277	33	6	130	N-INTER
279	178.56	6	130	N-INTER
281	344.6	6	130	N-INTER
283	283.43	6	130	N-INTER
285	566.55	6	130	N-INTER
287	654.41	6	130	N-INTER
289	743.11	6	130	N-INTER
291	275.68	6	130	N-INTER
293	42.06	6	130	N-INTER
295	253.33	6	130	N-INTER
297	257.28	6	130	N-INTER
307	469.31	6	130	N-INTER
319	100	18	130	N-INTER
327	30.67	10	130	N-INTER
331	826.02	10	130	N-INTER
335	81.81	10	130	N-INTER
339	76	8	130	N-INTER
341	1,356.51	8	130	N-INTER
343	393.62	6	130	N-INTER
345	265.68	6	130	N-INTER
347	253.19	6	130	N-INTER
349	342.06	6	130	N-INTER
351	489.85	8	130	N-INTER
353	195.85	6	130	N-INTER
355	334.7	6	130	N-INTER
357	363.22	8	130	N-INTER
359	1,327.95	6	130	N-INTER
361	468.49	6	130	N-INTER
363	818.61	6	130	N-INTER
365	448.06	12	150	N-INTER
367	246.46	12	150	N-INTER
369	587.81	12	150	N-INTER
371	703.76	6	130	N-INTER
373	573.16	6	130	N-INTER
375	426.67	6	130	N-INTER
377	233.99	6	130	N-INTER
379	212.83	6	130	N-INTER
381	49.01	6	130	N-INTER
383	838.32	12	150	N-INTER
385	62.02	12	150	N-INTER
387	219.7	12	150	N-INTER
389	147.8	6	130	N-INTER

Appendix L
Water Distribution Model Output - 2013 Max Day Demand (Current Conditions)

Modeled Pipes: 2013 Max Day Demand (Current Conditions)				
ID	Length (feet)	Diameter (inches)	Roughness	Pressure Zone
391	167.19	6	130	N-INTER
393	915.64	4	130	N-INTER
395	34.21	8	130	N-INTER
397	473.1	8	130	N-INTER
399	500.52	8	130	N-INTER
401	1,053.19	6	130	N-INTER
403	215.53	8	130	N-INTER
405	241.17	8	130	N-INTER
407	177.79	8	130	N-INTER
409	433.52	12	150	N-INTER
411	129.37	12	130	N-INTER
413	1,884.70	10	130	N-INTER
415	1,071.28	10	130	N-INTER
417	274.24	6	130	N-INTER
419	273.75	6	130	N-INTER
421	630.64	8	130	N-INTER
423	404.64	8	130	N-INTER
425	286.42	8	130	N-INTER
427	213.79	8	130	N-INTER
429	347.42	6	130	N-INTER
431	438.91	8	130	N-INTER
433	453.72	8	130	N-INTER
435	380.58	8	130	N-INTER
437	277.97	8	130	N-INTER
439	811.23	6	130	N-INTER
441	725.03	6	130	N-INTER
443	409.71	6	130	N-INTER
445	612.81	6	130	N-INTER
447	122.43	8	130	N-INTER
449	289.07	8	130	N-INTER
453	138.51	6	130	N-INTER
455	286.62	6	130	N-INTER
457	239.72	6	150	N-INTER
459	638.32	6	130	N-INTER
461	361.2	8	130	N-INTER
463	580.1	8	130	N-INTER
465	401.76	6	130	N-INTER
467	281.05	6	150	N-INTER
469	371.4	6	150	N-INTER
471	260.16	6	130	N-INTER
473	1,104.10	6	130	N-INTER
475	1,020.88	6	150	N-INTER

Appendix L
Water Distribution Model Output - 2013 Max Day Demand (Current Conditions)

Modeled Pipes: 2013 Max Day Demand (Current Conditions)				
ID	Length (feet)	Diameter (inches)	Roughness	Pressure Zone
477	622.71	6	130	N-INTER
479	381.96	10	130	N-INTER
481	437.67	10	130	N-INTER
483	122.54	10	150	N-INTER
485	286.76	6	150	N-INTER
487	226.61	10	150	N-INTER
489	509.95	8	150	N-INTER
491	349	8	150	N-INTER
493	457.48	6	130	N-INTER
495	127.52	6	130	N-INTER
497	717.67	6	150	N-INTER
499	764.06	8	150	N-INTER
501	96.68	8	150	N-INTER
503	354.75	8	150	N-INTER
505	306.68	8	150	N-INTER
507	301.26	8	150	N-INTER
509	762.77	4	150	N-INTER
511	921.46	4	130	N-INTER
513	877.33	10	130	N-INTER
515	760.01	6	150	N-INTER
517	851.07	12	130	N-INTER
519	923.11	12	130	N-INTER
521	21.04	8	130	N-INTER
523	319.86	6	150	N-INTER
525	283.14	6	150	N-INTER
527	210.29	6	130	N-INTER
531	758.21	6	150	N-INTER
533	730.75	8	150	N-INTER
535	437.28	8	150	N-INTER
537	611.91	6	130	N-INTER
539	384.79	6	130	N-INTER
543	609.89	6	130	N-INTER
545	283.16	6	130	N-INTER
547	321.19	6	130	N-INTER
549	248.24	6	130	N-INTER
551	250.01	6	130	N-INTER
555	346.54	8	130	N-INTER
557	382.65	8	130	N-INTER
559	551.56	6	130	N-INTER
561	665.59	6	130	N-INTER
563	281.51	6	130	N-INTER
565	245.8	8	130	N-INTER

Appendix L
Water Distribution Model Output - 2013 Max Day Demand (Current Conditions)

Modeled Pipes: 2013 Max Day Demand (Current Conditions)				
ID	Length (feet)	Diameter (inches)	Roughness	Pressure Zone
567	186.95	8	130	N-INTER
569	379.39	6	130	N-INTER
571	378.18	6	130	N-INTER
573	319.92	6	130	N-INTER
575	328.98	6	130	N-INTER
577	242.04	6	130	N-INTER
579	299.46	6	130	N-INTER
581	272.46	6	130	N-INTER
589	675.04	6	130	N-INTER
591	889.05	6	130	N-INTER
593	206.28	8	130	N-INTER
595	769.6	8	130	N-INTER
635	1,116.70	6	130	N-INTER
637	346.85	6	130	N-INTER
639	618.47	8	130	N-INTER
641	401.85	8	130	N-INTER
659	1,208.93	8	130	N-INTER
661	324.25	8	130	N-INTER
663	323.55	8	130	N-INTER
665	339.82	6	130	N-INTER
667	317.29	8	130	N-INTER
669	327.43	8	130	N-INTER
671	333.89	8	130	N-INTER
673	376.01	8	130	N-INTER
675	379.37	4	130	N-INTER
677	176.34	4	130	N-INTER
679	176.47	8	130	N-INTER
681	452.86	8	130	N-INTER
683	187.03	8	130	N-INTER
685	1,083.19	8	130	N-INTER
687	922.4	8	130	N-INTER
689	230.32	8	130	N-INTER
691	357.25	8	130	N-INTER
693	379.77	8	130	N-INTER
695	282.65	12	150	N-INTER
697	804.22	6	130	N-INTER
699	539.26	6	130	N-INTER
701	312.46	6	130	N-INTER
703	382.95	6	130	N-INTER
705	252.4	8	130	N-INTER
707	275.94	4	130	N-INTER
709	668.85	8	130	N-INTER

Appendix L
Water Distribution Model Output - 2013 Max Day Demand (Current Conditions)

Modeled Pipes: 2013 Max Day Demand (Current Conditions)				
ID	Length (feet)	Diameter (inches)	Roughness	Pressure Zone
711	1,032.53	8	130	N-INTER
713	1,055.52	8	130	N-INTER
715	251.28	8	130	N-INTER
717	78.24	8	130	N-INTER
719	340.59	8	130	N-INTER
721	374.8	8	130	N-INTER
723	445.17	4	130	N-INTER
725	393.1	6	130	N-INTER
727	287.97	8	130	N-INTER
729	855.74	8	130	N-INTER
731	760.09	4	130	N-INTER
733	394.69	4	130	N-INTER
735	473.99	8	130	N-INTER
737	540.43	8	130	N-INTER
739	419.59	8	130	N-INTER
741	262.91	4	130	N-INTER
743	46.12	4	130	N-INTER
745	1,039.92	4	130	N-INTER
747	48.51	4	130	N-INTER
749	277	4	130	N-INTER
751	42.34	4	130	N-INTER
753	200.1	4	130	N-INTER
755	228.4	4	130	N-INTER
757	277.8	4	130	N-INTER
759	459.06	4	130	N-INTER
761	458.61	8	130	N-INTER
763	239.14	8	130	N-INTER
765	59.65	8	130	N-INTER
767	464.42	4	130	N-INTER
769	464.91	8	130	N-INTER
771	413.56	8	130	N-INTER
773	365.46	8	130	N-INTER
775	571.24	4	130	N-INTER
777	347.49	8	130	N-INTER
779	151.38	8	130	N-INTER
781	303.86	8	130	N-INTER
783	542.72	6	130	N-INTER
785	34.11	8	130	N-INTER
787	269.25	4	130	N-INTER
1441	874.02	8	130	N-INTER
1451	981.35	8	130	N-INTER
1467	176.66	12	130	N-INTER

Appendix L
Water Distribution Model Output - 2013 Max Day Demand (Current Conditions)

Modeled Pipes: 2013 Max Day Demand (Current Conditions)				
ID	Length (feet)	Diameter (inches)	Roughness	Pressure Zone
1469	65.18	12	130	N-INTER
1481	326.44	8	130	N-INTER
1483	99.94	8	130	N-INTER
1485	100	8	130	N-INTER
1487	100	8	130	N-INTER
1541	291.11	8	130	N-INTER
1543	457.43	6	130	N-INTER
1595	90.47	12	150	N-INTER
1597	375.78	8	130	N-INTER
1599	221.12	8	150	N-INTER
1605	369.18	12	150	N-INTER
1633	596.34	6	130	N-INTER
1645	719.25	8	130	N-INTER
1717	395.15	8	120	N-INTER
1721	256.75	6	120	N-INTER
1723	73.15	8	120	N-INTER
1739	557.62	8	120	N-INTER
1741	681.68	12	120	N-INTER
1745	317.1	12	120	N-INTER
1761	431.1	12	130	N-INTER
1763	573.85	12	130	N-INTER
1773	626.2	12	130	N-INTER
1779	876.56	12	130	N-INTER
1799	189.17	8	130	N-INTER
1869	183.82	12	130	N-INTER
1871	522.91	8	130	N-INTER
1873	293.41	8	130	N-INTER
1975	94.34	12	130	N-INTER
1993	471.89	8	130	N-INTER
1995	160.21	8	130	N-INTER
1997	265.7	8	130	N-INTER
1999	407.13	8	130	N-INTER
2001	342.63	8	130	N-INTER
2003	446.72	8	130	N-INTER
2005	344.6	8	130	N-INTER
2049	215.13	4	130	N-INTER
2077	250	8	130	N-INTER
2079	402.09	8	130	N-INTER
2081	415.82	8	130	N-INTER
2083	513.07	8	130	N-INTER
2095	335.78	6	130	N-INTER
2125	451.83	12	130	N-INTER

Appendix L

Water Distribution Model Output - 2013 Max Day Demand (Current Conditions)

Modeled Pipes: 2013 Max Day Demand (Current Conditions)				
ID	Length (feet)	Diameter (inches)	Roughness	Pressure Zone
2127	343.92	8	130	N-INTER
2129	213.59	8	130	N-INTER
2149	355.96	8	130	N-INTER
2151	75.12	8	130	N-INTER
2153	544.19	8	130	N-INTER
2155	879.47	8	130	N-INTER
2209	21.76	10	130	N-INTER
2211	25.16	10	130	N-INTER
2213	38.28	10	130	N-INTER
2221	221.58	8	130	N-INTER
2223	583.77	8	130	N-INTER
2225	38.01	8	130	N-INTER
2275	99.84	10	130	N-INTER
2277	56.43	8	130	N-INTER
2281	41.68	8	130	N-INTER
2283	41.22	8	130	N-INTER
2293	78.79	6	130	N-INTER
2307	209.32	8	130	N-INTER
2317	193.42	12	130	N-INTER
2319	125.38	6	130	N-INTER
2321	747.72	6	130	N-INTER
2333	159.95	8	120	N-INTER
2335	28.95	8	130	N-INTER
2505	310	6	130	N-INTER
2545	21.18	8	120	N-INTER
6-THROTTLED1	100	12	150	N-INTER
6-THROTTLED2	100	12	150	N-INTER
8-A1	58.06	14	150	N-INTER
8-B1	58.06	14	150	N-INTER
HOPKINS-A1	23.7	6	150	N-INTER
HOPKINS-B1	23.7	6	150	N-INTER
MILITARY-HILL-A1	28.28	6	150	N-INTER
MILITARY-HILL-B1	26.61	6	150	N-INTER
NORTH-CAMPUS-A1	13.71	8	150	N-INTER
NORTH-CAMPUS-B1	16.73	8	150	N-INTER
PRV-82	58.06	4	150	N-INTER
PRV-HOPKINS2	23.7	6	150	N-INTER
PRV-ORION2	43.25	4	150	N-INTER
WELL-41	26.27	12	150	N-INTER
WELL-42	44.74	12	150	N-INTER
69	588.73	8	130	NW-HIGH
71	442.77	8	130	NW-HIGH

Appendix L

Water Distribution Model Output - 2013 Max Day Demand (Current Conditions)

Modeled Pipes: 2013 Max Day Demand (Current Conditions)				
ID	Length (feet)	Diameter (inches)	Roughness	Pressure Zone
73	278.48	8	130	NW-HIGH
75	863.9	8	130	NW-HIGH
77	282.24	8	130	NW-HIGH
79	281.73	8	130	NW-HIGH
81	1,053.62	8	130	NW-HIGH
83	1,888.93	8	130	NW-HIGH
85	821.95	8	130	NW-HIGH
87	414.71	10	130	NW-HIGH
89	396.75	10	130	NW-HIGH
91	726	10	130	NW-HIGH
93	167.33	10	130	NW-HIGH
95	502.5	10	130	NW-HIGH
97	606.71	10	130	NW-HIGH
99	63.65	8	130	NW-HIGH
101	89.36	6	130	NW-HIGH
103	255.99	6	130	NW-HIGH
105	641.48	6	130	NW-HIGH
107	452.44	6	130	NW-HIGH
109	520.51	8	130	NW-HIGH
111	442.97	6	130	NW-HIGH
121	1,198.47	8	130	NW-HIGH
123	789.33	8	130	NW-HIGH
125	276.92	8	130	NW-HIGH
127	284.09	8	130	NW-HIGH
129	321.44	8	130	NW-HIGH
131	730.08	6	130	NW-HIGH
133	772.61	8	130	NW-HIGH
135	816.24	6	130	NW-HIGH
137	445.67	8	130	NW-HIGH
145	276.6	6	130	NW-HIGH
147	654.46	6	130	NW-HIGH
155	274.77	6	130	NW-HIGH
167	280.75	6	130	NW-HIGH
229	317.63	10	130	NW-HIGH
235	174.54	10	130	NW-HIGH
237	641.26	10	130	NW-HIGH
239	575.67	10	130	NW-HIGH
247	100	10	130	NW-HIGH
253	347.73	8	130	NW-HIGH
259	49.89	10	130	NW-HIGH
261	46.55	10	130	NW-HIGH
263	62.44	10	130	NW-HIGH

Appendix L

Water Distribution Model Output - 2013 Max Day Demand (Current Conditions)

Modeled Pipes: 2013 Max Day Demand (Current Conditions)				
ID	Length (feet)	Diameter (inches)	Roughness	Pressure Zone
265	333.33	10	130	NW-HIGH
267	461.43	10	130	NW-HIGH
269	598.78	8	130	NW-HIGH
301	834.54	6	130	NW-HIGH
303	285.81	6	130	NW-HIGH
309	313.42	6	130	NW-HIGH
311	51.98	6	130	NW-HIGH
313	938.06	6	130	NW-HIGH
315	214.14	6	130	NW-HIGH
317	201.6	6	130	NW-HIGH
1489	100	8	130	NW-HIGH
1491	100	8	130	NW-HIGH
1493	99.94	8	130	NW-HIGH
1545	169.34	8	130	NW-HIGH
1581	543.62	8	130	NW-HIGH
1781	350.78	8	130	NW-HIGH
1783	281.31	8	130	NW-HIGH
1785	366.86	8	130	NW-HIGH
1787	499.89	8	130	NW-HIGH
1789	240.86	8	130	NW-HIGH
1791	240.22	8	130	NW-HIGH
1793	210.16	8	130	NW-HIGH
1795	345.17	8	130	NW-HIGH
1797	109.74	6	130	NW-HIGH
1925	499.44	8	130	NW-HIGH
1927	287.92	8	130	NW-HIGH
1929	187.08	8	130	NW-HIGH
1931	1,051.37	8	130	NW-HIGH
1933	262.49	8	130	NW-HIGH
1935	662.58	8	130	NW-HIGH
1937	141.42	8	130	NW-HIGH
1939	160.31	8	130	NW-HIGH
1941	559.73	8	130	NW-HIGH
1943	293.5	8	130	NW-HIGH
1945	310.16	8	130	NW-HIGH
1947	130.38	8	130	NW-HIGH
1949	821.31	8	130	NW-HIGH
1951	544.25	8	130	NW-HIGH
1953	570.79	8	130	NW-HIGH
1955	572.8	8	130	NW-HIGH
1969	663.43	10	130	NW-HIGH
1983	434.55	8	130	NW-HIGH

Appendix L

Water Distribution Model Output - 2013 Max Day Demand (Current Conditions)

Modeled Pipes: 2013 Max Day Demand (Current Conditions)				
ID	Length (feet)	Diameter (inches)	Roughness	Pressure Zone
1985	548.84	8	130	NW-HIGH
1987	1,091.24	8	130	NW-HIGH
1989	604.77	10	130	NW-HIGH
2085	440.46	10	130	NW-HIGH
2087	860.52	8	130	NW-HIGH
2089	300.17	8	130	NW-HIGH
2105	201	8	130	NW-HIGH
2311	421.75	8	130	NW-HIGH
2337	139.41	6	130	NW-HIGH
8-A2	58.06	14	150	NW-HIGH
8-B2	58.06	14	150	NW-HIGH
MILITARY-HILL-A2	28.28	6	150	NW-HIGH
MILITARY-HILL-B2	26.61	6	150	NW-HIGH
PRV-81	58.06	4	150	NW-HIGH
PRV-ORION1	43.25	4	150	NW-HIGH
817	779.1	8	130	S-INTER
819	219.22	10	130	S-INTER
825	100	10	130	S-INTER
827	1,301.91	10	130	S-INTER
829	1,271.65	10	130	S-INTER
831	658.83	6	130	S-INTER
833	316.17	10	130	S-INTER
835	556.87	8	130	S-INTER
837	121.02	8	130	S-INTER
839	557.98	6	130	S-INTER
841	17.29	6	130	S-INTER
843	27.65	6	130	S-INTER
845	119.23	6	130	S-INTER
847	428.98	6	130	S-INTER
851	292.09	6	130	S-INTER
853	225.25	6	130	S-INTER
855	256.69	4	130	S-INTER
857	369.71	10	130	S-INTER
863	255.53	10	130	S-INTER
865	542.5	8	130	S-INTER
867	26.11	10	130	S-INTER
869	272.64	6	130	S-INTER
871	273.38	6	130	S-INTER
873	483.61	6	130	S-INTER
875	287.33	6	130	S-INTER
877	250.02	6	130	S-INTER
879	222.43	6	130	S-INTER

Appendix L

Water Distribution Model Output - 2013 Max Day Demand (Current Conditions)

Modeled Pipes: 2013 Max Day Demand (Current Conditions)				
ID	Length (feet)	Diameter (inches)	Roughness	Pressure Zone
881	27.19	6	130	S-INTER
883	321.76	6	130	S-INTER
885	187.39	6	130	S-INTER
887	593.56	6	130	S-INTER
889	325.1	6	130	S-INTER
891	398.99	8	130	S-INTER
893	551.16	10	130	S-INTER
899	375.57	6	130	S-INTER
901	80.92	6	130	S-INTER
911	284.45	6	130	S-INTER
913	793.62	8	130	S-INTER
915	758.43	8	130	S-INTER
917	166.01	8	130	S-INTER
919	1,106.83	12	130	S-INTER
921	2,950.12	12	130	S-INTER
965	179.97	8	130	S-INTER
969	106.62	8	130	S-INTER
971	54.42	8	130	S-INTER
973	228.8	8	130	S-INTER
981	624	6	130	S-INTER
983	600.69	6	130	S-INTER
985	841.36	8	130	S-INTER
987	72.78	8	130	S-INTER
989	791.01	12	130	S-INTER
991	100	8	130	S-INTER
995	100	8	150	S-INTER
1007	1,008.58	6	130	S-INTER
1009	858.83	6	130	S-INTER
1011	636.16	8	130	S-INTER
1013	92.66	12	130	S-INTER
1015	560.18	12	130	S-INTER
1017	733.42	8	130	S-INTER
1019	85.67	8	130	S-INTER
1021	882.85	8	130	S-INTER
1023	1,449.11	10	130	S-INTER
1025	93.58	8	130	S-INTER
1027	747.77	8	130	S-INTER
1029	899.54	6	130	S-INTER
1031	593.53	6	130	S-INTER
1033	262.16	6	150	S-INTER
1035	253.45	6	150	S-INTER
1037	258.12	6	150	S-INTER

Appendix L
Water Distribution Model Output - 2013 Max Day Demand (Current Conditions)

Modeled Pipes: 2013 Max Day Demand (Current Conditions)				
ID	Length (feet)	Diameter (inches)	Roughness	Pressure Zone
1039	421.21	8	130	S-INTER
1041	274.81	10	130	S-INTER
1043	219.75	10	130	S-INTER
1045	418.88	6	140	S-INTER
1047	120.5	6	140	S-INTER
1049	338.2	6	140	S-INTER
1051	246.91	6	140	S-INTER
1053	289.53	6	140	S-INTER
1055	309.34	10	130	S-INTER
1057	730.54	8	130	S-INTER
1059	300.21	6	130	S-INTER
1063	208.29	6	130	S-INTER
1065	350.72	6	140	S-INTER
1067	162.81	6	130	S-INTER
1069	200.23	8	130	S-INTER
1071	130.02	10	130	S-INTER
1073	110.71	6	130	S-INTER
1077	440.55	8	130	S-INTER
1079	98.05	6	130	S-INTER
1093	261.24	10	130	S-INTER
1097	1,290.63	8	150	S-INTER
1099	260.42	6	130	S-INTER
1101	774.38	6	130	S-INTER
1103	414.32	6	130	S-INTER
1105	278.32	6	130	S-INTER
1107	628.91	10	150	S-INTER
1109	345.1	6	130	S-INTER
1111	537.22	6	130	S-INTER
1113	1,415.19	10	150	S-INTER
1115	952.2	8	130	S-INTER
1117	434.95	8	130	S-INTER
1119	436.64	4	130	S-INTER
1121	695.89	6	130	S-INTER
1123	378.68	6	130	S-INTER
1125	311.68	6	130	S-INTER
1127	33.87	6	130	S-INTER
1129	355.76	6	130	S-INTER
1131	656.3	6	130	S-INTER
1133	360.94	6	130	S-INTER
1135	359.06	6	130	S-INTER
1187	433.31	6	130	S-INTER
1189	364.55	6	130	S-INTER

Appendix L
Water Distribution Model Output - 2013 Max Day Demand (Current Conditions)

Modeled Pipes: 2013 Max Day Demand (Current Conditions)				
ID	Length (feet)	Diameter (inches)	Roughness	Pressure Zone
1249	179.16	12	130	S-INTER
1251	155.56	12	130	S-INTER
1253	137.96	12	130	S-INTER
1255	635.38	12	130	S-INTER
1257	48.16	6	130	S-INTER
1259	683.51	6	130	S-INTER
1261	896.02	8	130	S-INTER
1263	475.84	8	130	S-INTER
1265	576.63	10	140	S-INTER
1267	1,130.98	10	150	S-INTER
1269	1,339.93	8	150	S-INTER
1271	251.94	10	130	S-INTER
1273	224.49	8	130	S-INTER
1277	330.39	10	130	S-INTER
1279	893.49	6	150	S-INTER
1281	319.51	6	150	S-INTER
1283	209.06	8	150	S-INTER
1285	877.43	8	150	S-INTER
1287	375.22	8	150	S-INTER
1289	120.63	8	130	S-INTER
1291	312.46	8	130	S-INTER
1293	676.59	8	130	S-INTER
1295	221.11	8	130	S-INTER
1297	261.45	8	140	S-INTER
1299	736.09	6	150	S-INTER
1301	1,438.57	6	150	S-INTER
1303	365.43	8	150	S-INTER
1305	292.72	6	150	S-INTER
1307	247.55	8	130	S-INTER
1309	387.83	8	150	S-INTER
1311	674.37	6	130	S-INTER
1313	525.81	8	130	S-INTER
1315	798.21	12	130	S-INTER
1317	146.54	12	130	S-INTER
1319	390.91	10	130	S-INTER
1321	1,823.76	8	130	S-INTER
1323	624.35	6	150	S-INTER
1325	784.28	8	150	S-INTER
1327	136.64	8	150	S-INTER
1329	370.43	8	150	S-INTER
1331	297.33	10	130	S-INTER
1333	816.95	8	130	S-INTER

Appendix L
Water Distribution Model Output - 2013 Max Day Demand (Current Conditions)

Modeled Pipes: 2013 Max Day Demand (Current Conditions)				
ID	Length (feet)	Diameter (inches)	Roughness	Pressure Zone
1335	335.83	10	130	S-INTER
1337	686.71	8	140	S-INTER
1339	427.62	8	140	S-INTER
1341	522.28	6	140	S-INTER
1343	1,961.52	6	130	S-INTER
1345	963.48	8	140	S-INTER
1347	288.79	6	140	S-INTER
1349	214.6	8	130	S-INTER
1351	681.86	8	130	S-INTER
1353	237.61	6	130	S-INTER
1355	539.95	6	130	S-INTER
1357	205.44	8	140	S-INTER
1359	255.03	8	140	S-INTER
1361	1,114.45	6	130	S-INTER
1363	565.18	8	140	S-INTER
1365	376.25	8	140	S-INTER
1367	208	8	130	S-INTER
1369	76.75	8	130	S-INTER
1371	395.15	6	130	S-INTER
1373	101.86	8	140	S-INTER
1375	265.75	8	140	S-INTER
1377	375.97	8	130	S-INTER
1379	961.99	6	130	S-INTER
1381	937.53	4	130	S-INTER
1383	514.48	8	130	S-INTER
1385	337.45	8	130	S-INTER
1387	476.65	4	130	S-INTER
1389	828.44	4	130	S-INTER
1391	292.98	4	130	S-INTER
1409	79.34	12	140	S-INTER
1413	85.99	8	130	S-INTER
1415	85.99	8	130	S-INTER
1423	599.95	8	130	S-INTER
1425	1,060.93	8	140	S-INTER
1427	1,391.24	6	130	S-INTER
1429	245.95	8	140	S-INTER
1431	29.53	8	130	S-INTER
1433	303.9	8	130	S-INTER
1435	841.66	8	130	S-INTER
1443	186.92	6	150	S-INTER
1553	590.04	8	150	S-INTER
1555	577.12	8	150	S-INTER

Appendix L
Water Distribution Model Output - 2013 Max Day Demand (Current Conditions)

Modeled Pipes: 2013 Max Day Demand (Current Conditions)				
ID	Length (feet)	Diameter (inches)	Roughness	Pressure Zone
1559	100	6	130	S-INTER
1565	50	7	130	S-INTER
1567	100	8	130	S-INTER
1569	100	8	130	S-INTER
1575	177.18	12	130	S-INTER
1583	443.85	8	140	S-INTER
1589	752.06	6	130	S-INTER
1591	104.81	6	130	S-INTER
1601	50	12	130	S-INTER
1641	209.87	6	130	S-INTER
1665	227.95	8	130	S-INTER
1675	239.83	6	130	S-INTER
1677	179.7	8	140	S-INTER
1681	62.03	6	130	S-INTER
1747	427.64	8	130	S-INTER
1749	527.64	10	130	S-INTER
1751	1,951.96	10	130	S-INTER
1753	771.61	12	130	S-INTER
1755	751.46	8	130	S-INTER
1757	643.79	10	130	S-INTER
1759	1,412.54	8	130	S-INTER
1977	312.76	8	130	S-INTER
1979	368.51	6	130	S-INTER
1981	288.58	6	130	S-INTER
2029	231.34	6	130	S-INTER
2051	494.26	8	130	S-INTER
2053	641.9	8	130	S-INTER
2055	399.54	8	130	S-INTER
2057	243.52	8	130	S-INTER
2065	543.44	12	130	S-INTER
2067	340.63	6	130	S-INTER
2069	321.75	6	130	S-INTER
2161	428.97	6	130	S-INTER
2199	106.96	8	130	S-INTER
2203	136.94	8	130	S-INTER
2205	62.4	8	130	S-INTER
2207	57.17	8	130	S-INTER
2215	57.74	8	130	S-INTER
2255	419.77	10	130	S-INTER
2257	1,360.84	10	130	S-INTER
2259	1,235.07	10	130	S-INTER
2261	521.55	10	130	S-INTER

Appendix L

Water Distribution Model Output - 2013 Max Day Demand (Current Conditions)

Modeled Pipes: 2013 Max Day Demand (Current Conditions)				
ID	Length (feet)	Diameter (inches)	Roughness	Pressure Zone
2263	279.62	10	130	S-INTER
2265	533.26	12	130	S-INTER
2267	193.48	12	130	S-INTER
2269	525.51	10	130	S-INTER
2287	569.31	8	130	S-INTER
2289	488.07	8	130	S-INTER
2291	383.45	8	130	S-INTER
2313	210.1	12	130	S-INTER
2315	672.26	12	130	S-INTER
2325	86.64	6	130	S-INTER
2339	582.6	8	130	S-INTER
2341	507.54	12	130	S-INTER
2343	170.24	8	130	S-INTER
2345	363.23	8	130	S-INTER
2415	819.68	10	130	S-INTER
2417	1,053.48	8	130	S-INTER
2419	1,143.19	6	130	S-INTER
DERBY-A2	51.15	6	150	S-INTER
DERBY-B2	51.15	6	150	S-INTER
JAMES-A1	50	8	130	S-INTER
JAMES-B1	50	8	130	S-INTER
JAMES-C1	50	8	130	S-INTER
NO.7-A1	180.92	14	150	S-INTER
NO.7-B1	110.21	14	150	S-INTER
PRV-72	182.12	4	150	S-INTER
PRV-BISHIP-BIG1	50	8	150	S-INTER
PRV-BISHOP-SMALL1	50	2	150	S-INTER
PRV-FOUNT&CREST2	90.67	8	150	S-INTER
PRV-KLEMGARD1	123.98	4	150	S-INTER
PRV-SUNRISE2	131.86	4	150	S-INTER
SKYLINE-A2	118.21	7	150	S-INTER
SKYLINE-B2	82.96	7	150	S-INTER
WELL-51	100	12	150	S-INTER
WELL-52	100	12	150	S-INTER
789	454.99	10	150	SW-HIGH
791	736.96	10	150	SW-HIGH
793	462.68	10	150	SW-HIGH
795	217.29	10	150	SW-HIGH
797	471.44	6	130	SW-HIGH
799	486.47	10	150	SW-HIGH
801	733.73	10	150	SW-HIGH
803	596.85	10	150	SW-HIGH

Appendix L
Water Distribution Model Output - 2013 Max Day Demand (Current Conditions)

Modeled Pipes: 2013 Max Day Demand (Current Conditions)				
ID	Length (feet)	Diameter (inches)	Roughness	Pressure Zone
805	1,030.43	10	150	SW-HIGH
807	385.49	10	150	SW-HIGH
809	276.38	10	150	SW-HIGH
811	211.85	8	130	SW-HIGH
813	663.91	6	130	SW-HIGH
815	696.05	6	130	SW-HIGH
823	99.99	10	150	SW-HIGH
923	1,561.25	10	130	SW-HIGH
925	1,174.92	10	130	SW-HIGH
927	284.91	6	150	SW-HIGH
929	250.37	6	150	SW-HIGH
931	830.78	6	150	SW-HIGH
933	611.29	6	150	SW-HIGH
935	632.43	6	130	SW-HIGH
937	355.53	8	130	SW-HIGH
939	365.6	8	130	SW-HIGH
941	281.04	6	130	SW-HIGH
943	827.65	10	150	SW-HIGH
945	269.66	10	150	SW-HIGH
947	587.24	10	130	SW-HIGH
949	484.16	10	130	SW-HIGH
951	771.6	6	130	SW-HIGH
953	606.12	6	130	SW-HIGH
955	334.18	8	130	SW-HIGH
957	71.39	8	130	SW-HIGH
961	159.06	6	130	SW-HIGH
963	56.58	8	130	SW-HIGH
975	217.79	10	130	SW-HIGH
977	1,018.14	6	130	SW-HIGH
979	880.5	10	130	SW-HIGH
993	200	8	150	SW-HIGH
997	204.95	8	130	SW-HIGH
999	182.43	8	130	SW-HIGH
1001	243.48	6	130	SW-HIGH
1003	775.03	6	130	SW-HIGH
1005	828.61	6	130	SW-HIGH
1437	870.94	8	130	SW-HIGH
1439	575.58	8	130	SW-HIGH
1561	100	6	130	SW-HIGH
1571	100	8	130	SW-HIGH
1573	100	8	130	SW-HIGH
1615	435.06	6	130	SW-HIGH

Appendix L
Water Distribution Model Output - 2013 Max Day Demand (Current Conditions)

Modeled Pipes: 2013 Max Day Demand (Current Conditions)				
ID	Length (feet)	Diameter (inches)	Roughness	Pressure Zone
1619	417.31	6	130	SW-HIGH
1627	256.31	10	130	SW-HIGH
1659	829.43	10	150	SW-HIGH
1801	263.43	6	130	SW-HIGH
1803	225.56	6	130	SW-HIGH
1805	106.3	8	130	SW-HIGH
1807	900.17	8	130	SW-HIGH
1809	334.52	8	130	SW-HIGH
1811	157.3	8	130	SW-HIGH
1813	839.26	8	130	SW-HIGH
1815	182.46	8	130	SW-HIGH
1817	918.62	10	150	SW-HIGH
1819	500.4	10	150	SW-HIGH
1821	559.25	8	130	SW-HIGH
1823	117.59	10	130	SW-HIGH
1825	197.65	8	130	SW-HIGH
1827	174.64	10	150	SW-HIGH
1829	605.78	8	130	SW-HIGH
1831	160	8	130	SW-HIGH
1833	270.79	10	150	SW-HIGH
1835	803.2	10	130	SW-HIGH
1837	78.39	10	130	SW-HIGH
1839	320.23	8	130	SW-HIGH
1843	233.31	10	130	SW-HIGH
1845	340.97	8	130	SW-HIGH
1847	1,037.12	8	130	SW-HIGH
1849	314.67	10	130	SW-HIGH
1851	652.43	8	130	SW-HIGH
1855	126.96	10	150	SW-HIGH
1857	1,186.70	8	130	SW-HIGH
1859	510.33	10	150	SW-HIGH
1861	556.87	8	130	SW-HIGH
1863	179.23	8	130	SW-HIGH
1865	510.95	8	130	SW-HIGH
1867	1,054.87	8	130	SW-HIGH
1971	560.76	8	130	SW-HIGH
2025	130	8	130	SW-HIGH
2027	110	8	130	SW-HIGH
2031	920.38	8	130	SW-HIGH
2033	80.12	8	130	SW-HIGH
2035	48.71	8	130	SW-HIGH
2071	869.76	8	130	SW-HIGH

Appendix L

Water Distribution Model Output - 2013 Max Day Demand (Current Conditions)

Modeled Pipes: 2013 Max Day Demand (Current Conditions)				
ID	Length (feet)	Diameter (inches)	Roughness	Pressure Zone
2073	160.28	8	130	SW-HIGH
2075	553.34	12	130	SW-HIGH
2091	468.94	8	130	SW-HIGH
2093	1,511.01	8	130	SW-HIGH
2101	970.02	10	150	SW-HIGH
2103	1,007.31	8	130	SW-HIGH
2163	1,155.58	10	130	SW-HIGH
2165	420.99	10	130	SW-HIGH
2167	319.15	12	130	SW-HIGH
2169	797.03	12	130	SW-HIGH
2227	636.28	10	130	SW-HIGH
2229	442.34	10	130	SW-HIGH
2231	725.13	10	150	SW-HIGH
2233	688.34	8	130	SW-HIGH
2235	400.15	10	150	SW-HIGH
2237	934.33	8	130	SW-HIGH
2239	258.09	8	130	SW-HIGH
2241	475.08	8	130	SW-HIGH
2243	145.35	10	130	SW-HIGH
2245	607.84	8	130	SW-HIGH
2247	467.18	8	130	SW-HIGH
2249	95.11	10	130	SW-HIGH
2251	353.13	10	130	SW-HIGH
2253	520.71	8	130	SW-HIGH
2285	48.61	8	130	SW-HIGH
2297	295.46	8	130	SW-HIGH
2299	449.2	6	130	SW-HIGH
2301	358.17	10	150	SW-HIGH
JAMES-A2	50	8	130	SW-HIGH
JAMES-B2	50	8	130	SW-HIGH
JAMES-C2	50	8	130	SW-HIGH
NO.7-A2	180.92	14	150	SW-HIGH
NO.7-B2	110.21	14	150	SW-HIGH
PRV-71	182.12	4	150	SW-HIGH
PRV-FOUNT&CREST1	90.67	8	150	SW-HIGH
PRV-SUNRISE1	131.86	4	150	SW-HIGH
113	86.01	8	130	CLOSED PIPE
139	864.45	8	130	CLOSED PIPE
185	288.76	6	130	CLOSED PIPE
227	120.67	8	130	CLOSED PIPE
231	105.35	8	130	CLOSED PIPE
241	78.18	10	130	CLOSED PIPE

Appendix L
Water Distribution Model Output - 2013 Max Day Demand (Current Conditions)

Modeled Pipes: 2013 Max Day Demand (Current Conditions)				
ID	Length (feet)	Diameter (inches)	Roughness	Pressure Zone
299	55.04	6	130	CLOSED PIPE
305	49.6	6	130	CLOSED PIPE
529	183.54	8	130	CLOSED PIPE
553	277.61	6	130	CLOSED PIPE
633	410.26	8	130	CLOSED PIPE
643	348.83	8	130	CLOSED PIPE
895	634.89	6	130	CLOSED PIPE
897	898.25	6	130	CLOSED PIPE
903	251.32	6	130	CLOSED PIPE
909	414.86	6	130	CLOSED PIPE
967	74.75	8	130	CLOSED PIPE
1061	288.46	6	130	CLOSED PIPE
1075	529.22	6	130	CLOSED PIPE
1141	832.41	4	130	CLOSED PIPE
1151	350.46	6	130	CLOSED PIPE
1203	61.31	6	130	CLOSED PIPE
1393	76.46	4	130	CLOSED PIPE
1397	65.76	6	130	CLOSED PIPE
1449	127.59	8	130	CLOSED PIPE
1501	136.08	6	130	CLOSED PIPE
1503	134.06	6	130	CLOSED PIPE
1505	85.98	10	130	CLOSED PIPE
1507	93.97	6	130	CLOSED PIPE
1509	109.49	6	130	CLOSED PIPE
1511	102.54	6	130	CLOSED PIPE
1513	102.42	8	130	CLOSED PIPE
1515	102.29	6	130	CLOSED PIPE
1517	78.39	6	130	CLOSED PIPE
1521	117.79	6	130	CLOSED PIPE
1547	95.12	8	130	CLOSED PIPE
1551	40.05	8	130	CLOSED PIPE
1737	33.05	8	120	CLOSED PIPE
1743	31.76	6	120	CLOSED PIPE
2323	27.11	6	130	CLOSED PIPE