

INPUT DATA SUMMARY

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* * * * * K Y P I P E 5 * * * * *
*
*           Pipe Network Modeling Software
*
*           Copyrighted by KYPIPE LLC
*           Version 5 - February 2010
*
* * * * *
    
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Date & Time: Mon Dec 01 10:05:18 2014

Master File : m:\ormondcrossings\kypipe\water\oc_water_buildout.KYP\oc_water_buildout.P2K

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*****
S U M M A R Y   O F   O R I G I N A L   D A T A
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U N I T S S P E C I F I E D

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FLOWRATE ..... = gallons/minute
HEAD (HGL) ..... = feet
PRESSURE ..... = psig
    
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P I P E L I N E D A T A

STATUS CODE: XX -CLOSED PIPE CV -CHECK VALVE

PIPE NAME	NODE NAMES #1	NODE NAMES #2	LENGTH (ft)	DIAMETER (in)	ROUGHNESS COEFF.	MINOR LOSS COEFF.
P-1	FGN1	10	300.00	12.00	139.0000	0.00
P-2	15	20	1250.00	10.00	139.4518	1.84
P-3	20	30	1675.00	8.00	139.4518	3.04
P-4	30	40	2000.00	10.00	139.4518	1.14
P-5	40	50	4850.00	12.00	139.4518	5.18
P-6	50	60	2650.00	10.00	139.4518	1.71
P-7	60	70	2700.00	10.00	139.4518	1.31
P-8	70	80	3825.00	10.00	139.4518	2.98
P-9	80	90	4175.00	10.00	139.0000	4.43
P-10	90	100	3625.00	10.00	139.4518	4.21
P-11	100	110	3425.00	10.00	139.4518	3.73
P-12	110	120	5015.00	10.00	139.4518	6.60
P-13	120	125	1075.00	12.00	139.4518	1.09
P-14	20	140	1400.00	12.00	139.4518	2.64
P-15	140	150	1300.00	10.00	139.4518	1.49
P-16	150	160	2575.00	10.00	139.4518	1.84
P-17	60	170	2775.00	8.00	139.4518	3.21
P-18	180	185	475.00	8.00	139.4518	0.57
P-19	120	190	1025.00	10.00	139.4518	0.74
P-20	185	190	3000.00	8.00	139.4518	2.41

Ormond Crossings - Potable Water System



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P-21	90	170	2015.00	8.00	139.4518	2.64
P-22	20	40	2600.00	10.00	139.4518	3.39
P-23	170	175	2675.00	8.00	139.4518	2.81
P-24	100	175	1325.00	8.00	139.4518	2.07
P-25	175	180	525.00	8.00	139.4518	0.57
P-26	110	180	4700.00	8.00	139.4518	5.75
P-27	160	165	2725.00	8.00	139.4518	2.24
P-28	50	185	2800.00	10.00	139.4518	2.76
P-29	10	130	7625.00	12.00	139.0000	2.92
P-30	130	offsite	1450.00	8.00	139.0000	1.84
P-31	R-1	40	250.00	16.00	139.4518	1.84
P-32	30	165	5175.00	8.00	139.4518	3.33
P-33-XX	70	165	534.87	8.00	139.4518	0.57
P-34-XX	50	30	586.27	8.00	139.4518	1.67
P-35	FGN2	70	9600.00	12.00	139.4518	2.58
P-36	10	15	650.00	10.00	139.4518	2.94
P-37	125	130	725.00	12.00	139.4518	2.94

N O D E D A T A

NODE NAME	NODE TITLE	EXTERNAL DEMAND (gpm)	JUNCTION ELEVATION (ft)	EXTERNAL GRADE (ft)
10		3.02	26.00	
15		0.00	6.00	
20		48.85	26.00	
30		13.34	26.00	
40		11.04	26.00	
50		59.91	26.00	
60		12.69	26.00	
70		50.85	26.00	
80		50.29	26.00	
90		68.00	26.00	
100		35.04	26.00	
110		39.94	26.00	
120		169.58	26.00	
125		0.00	6.00	
130		6.61	26.00	
140		29.62	26.00	
150		52.55	26.00	
160		20.25	26.00	
165		0.00	26.00	
170		51.92	26.00	
175		0.00	26.00	
180		17.56	26.00	
185		0.00	26.00	
190		156.98	26.00	
FGN1		----	30.00	138.50
FGN2		----	30.00	138.00
offsite		66.00	26.00	
R-1		----	30.00	150.00

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O U T P U T O P T I O N D A T A

OUTPUT SELECTION: ALL RESULTS ARE INCLUDED IN THE TABULATED OUTPUT

MAXIMUM AND MINIMUM PRESSURES = 5
MAXIMUM AND MINIMUM VELOCITIES = 5
MAXIMUM AND MINIMUM HEAD LOSS/1000 = 5

S Y S T E M C O N F I G U R A T I O N

NUMBER OF PIPES(p) = 37
NUMBER OF END NODES(j) = 25
NUMBER OF PRIMARY LOOPS(l) = 10
NUMBER OF SUPPLY NODES(f) = 3
NUMBER OF SUPPLY ZONES(z) = 1