

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 12:23:33 2014

Master File : m:\ormondcrossings\kypipe\wastewater\oc\_sanitary.KYP\oc\_sanitary.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.
FM-010	O-Pump-010	N-011	50.00	8.00	120.0000	6.19
FM-011	N-011	N-012	1040.00	10.00	130.0000	2.84
FM-012	N-012	N-013	1360.00	16.00	130.0000	2.51
FM-013	N-013	N-014	865.00	16.00	130.0000	1.63
FM-014	N-014	FGN-1	2000.00	16.00	130.0000	3.82
FM-020	O-Pump-020	N-021	50.00	12.00	120.0000	6.49
FM-021	N-021	N-022	1300.00	12.00	130.0000	8.06
FM-022	N-022	N-012	7275.00	16.00	130.0000	4.40
FM-030	O-Pump-030	N-031	50.00	8.00	120.0000	6.19
FM-031	N-031	N-022	1205.00	10.00	130.0000	1.94

P U M P / L O S S E L E M E N T D A T A

THERE IS A DEVICE AT NODE Pump-010 DESCRIBED BY THE FOLLOWING DATA: (ID= 1)

HEAD	FLOWRATE	EFFICIENCY
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(ft)	(gpm)	(%)
120.00	155.00	75.00 (Default)
110.00	265.00	75.00 (Default)
100.00	377.00	75.00 (Default)
90.00	487.00	75.00 (Default)
80.00	599.00	75.00 (Default)
70.00	719.00	75.00 (Default)
60.00	844.00	75.00 (Default)
50.00	959.00	75.00 (Default)
40.00	1058.00	75.00 (Default)

THERE IS A DEVICE AT NODE Pump-020 DESCRIBED BY THE FOLLOWING DATA: (ID= 2)

HEAD (ft)	FLOWRATE (gpm)	EFFICIENCY (%)
140.00	745.00	75.00 (Default)
130.00	945.00	75.00 (Default)
120.00	1152.00	75.00 (Default)
110.00	1367.00	75.00 (Default)
100.00	1589.00	75.00 (Default)
90.00	1807.00	75.00 (Default)
80.00	2008.00	75.00 (Default)
70.00	2189.00	75.00 (Default)
60.00	2361.00	75.00 (Default)

THERE IS A DEVICE AT NODE Pump-030 DESCRIBED BY THE FOLLOWING DATA: (ID= 7)

HEAD (ft)	FLOWRATE (gpm)	EFFICIENCY (%)
130.00	137.00	75.00 (Default)
120.00	277.00	75.00 (Default)
110.00	445.00	75.00 (Default)
100.00	621.00	75.00 (Default)
90.00	793.00	75.00 (Default)
80.00	969.00	75.00 (Default)
70.00	1149.00	75.00 (Default)
60.00	1318.00	75.00 (Default)
50.00	1468.00	75.00 (Default)

N O D E D A T A

NODE NAME	NODE TITLE	EXTERNAL DEMAND (gpm)	JUNCTION ELEVATION (ft)	EXTERNAL GRADE (ft)
FGN-1		----	26.00	87.15
N-011		0.00	26.00	
N-012		0.00	26.00	
N-013		0.00	6.00	
N-014		0.00	26.00	

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N-021	0.00	26.00	
N-022	0.00	26.00	
N-031	0.00	26.00	
O-Pump-010	----	8.00	11.00
O-Pump-020	----	8.00	11.00
O-Pump-030	----	8.00	11.00

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) = 10  
 NUMBER OF END NODES ..... (j) = 7  
 NUMBER OF PRIMARY LOOPS ..... (l) = 0  
 NUMBER OF SUPPLY NODES ..... (f) = 4  
 NUMBER OF SUPPLY ZONES ..... (z) = 1