Future Capacity Indicators Worksheet
Johnston-North Interceptor

Subarea Addition	Segment ID	NBC Segment ID	Shape	Dia1 (in)	Dia2 (in)	Material	Length (ft)	Slope (ft/ft)	Slope Calculated	Capacity (mgd)	Invert Drop (ft)	Peak Dry Weather Flow (% of Full Pipe Capacity)				Peak Wet Weather Flow (% of Full Pipe Capacity)			
												Existing	2015	2020	2030	Existing	2015	2020	2030
H190023																			
	1141:1190	H190023:H190025	CIR	8.00	8.00	ASC	319.88	0.01250	0.0118	0.851	--								
JNI-3T-2																			
	1190:1207	H190025:H190024	CIR	8.00	8.00	ASC	295.45	0.01500	0.0154	0.972	0								
	1207:1218	H190024:H190029	CIR	8.00	8.00	ASC	237.55	0.01900	0.0197	1.099	0								
	1218:1224	H190029:H190028	CIR	8.00	8.00	ASC	92.39	0.01900	0.0211	1.137	0								
	1224:1231	H190028:H190027	CIR	8.00	8.00	ASC	192.66	0.01600	0.0161	0.994	0								
	1231:1242	H190027:H190026	CIR	8.00	8.00	ASC	141.98	0.01600	0.0153	0.968	0								
	1242:1259	H190026:H190021	CIR	8.00	8.00	ASC	254.44	0.01600	0.0160	0.990	0								
	1259:1262	H190021:H190022	CIR	8.00	8.00	ASC	9.16	0.01600	0.0087	0.731	0								
JNI-A1																			
	1262:1280	H190022:H190020	CIR	8.00	8.00	ASC	332.42	0.00900	0.0087	0.731	0	19%	19%	31%	31%	70%	70%	82%	82%
	1280:1302	H190020:H190019	CIR	8.00	8.00	ASC	319.13	0.00800	0.0061	0.613	0	23%	23%	37%	37%	83%	83%	97%	97%
	1302:1318	H190019:H190018	CIR	8.00	8.00	ASC	216.08	0.01400	0.0174	1.034	0	13%	13%	22%	22%	49%	49%	58%	58%
	1318:1324	H190018:H190030	CIR	8.00	8.00	ASC	183.65	0.01400	0.0142	0.933	0	15%	15%	24%	24%	55%	55%	64%	64%
	1324:1341	H190030:H190017	CIR	8.00	8.00	ASC	203.42	0.02000	0.0200	1.107	0	13%	13%	20%	20%	46%	46%	54%	54%
	1341:1364	H190017:H180009	CIR	8.00	8.00	ASC	299.07	0.02000	0.0204	1.119	0	12%	12%	20%	20%	45%	45%	53%	53%
	1364:1385	H180009:H180008	CIR	8.00	8.00	ASC	148.63	0.02000	0.0198	1.103	0	13%	13%	20%	20%	46%	46%	54%	54%
	1385:1392	H180008:H180007	CIR	8.00	8.00	ASC	23.67	0.02000	0.0152	0.965	0	14%	14%	23%	23%	53%	53%	62%	62%
	1392:1414	H180007:H180014	CIR	8.00	8.00	ASC	133.10	0.02000	0.0220	1.161	0	12%	12%	19%	19%	44%	44%	51%	51%
JNI-A2																			
	1414:1432	H180014:H180013	CIR	8.00	8.00	ASC	63.00	0.02420	0.0333	1.429	0	25%	25%	31%	31%	51%	51%	57%	57%
JNI-3T-1																			
	1432:1455	H180013:H180012	CIR	12.00	12.00	PVC	182.08	0.02420	0.0253	4.335	0	8%	8%	10%	10%	36%	36%	38%	38%
JNI-A3																			
JNI-3T-3																			
	1455:1471	H180012:H180011	CIR	12.00	12.00	PVC	117.72	0.01300	0.0120	2.985	0	18%	18%	21%	21%	72%	72%	75%	75%
	1471:1502	H180011:H180020	CIR	18.00	18.00	PVC	234.94	0.00530	0.0053	5.866	0.15	9%	9%	11%	11%	37%	37%	38%	38%
	1502:1528	H180020:H180021	CIR	18.00	18.00	PVC	318.73	0.00260	0.0026	4.129	0	13%	13%	15%	15%	52%	52%	54%	54%
Net Meter JNI-A																			
Gross Meter JNI-A																			
	1528:1546	H180021:H180022	CIR	18.00	18.00	PVC	192.87	0.00360	0.0036	4.845	0	11%	11%	13%	13%	44%	44%	46%	46%
	1546:1562	H180022:H180026	CIR	18.00	18.00	PVC	204.61	0.00400	0.0041	5.122	0	11%	11%	12%	12%	42%	42%	44%	44%
	1562:1597	H180026:H180027	CIR	18.00	18.00	PVC	229.44	0.00350	0.0033	4.629	0	12%	12%	14%	14%	46%	46%	48%	48%
	1597:1618	H180027:H180028	CIR	18.00	18.00	PVC	214.06	0.00380	0.0038	4.947	0	11%	11%	13%	13%	43%	43%	45%	45%
	1618:1669	H180028:H180029	CIR	18.00	18.00	PVC	285.90	0.00300	0.0031	4.487	0	12%	12%	14%	14%	48%	48%	50%	50%
	1669:1727	H180029:I170052	CIR	18.00	18.00	PVC	304.79	0.00320	0.0032	4.537	0	12%	12%	14%	14%	47%	47%	49%	49%
	1727:1774	I170052:I170058	CIR	18.00	18.00	PVC	309.73	0.00340	0.0034	4.683	0	12%	12%	13%	13%	46%	46%	48%	48%
	1774:1808	I170058:I170059	CIR	18.00	18.00	PVC	248.16	0.00360	0.0037	4.923	0	11%	11%	13%	13%	44%	44%	45%	45%
	1808:1852	I170059:I170061	CIR	18.00	18.00	PVC	184.62	0.00440	0.0044	5.327	0	10%	10%	12%	12%	40%	40%	42%	42%
	1852:1907	I170061:I170062	CIR	18.00	18.00	PVC	191.68	0.00610	0.0009	2.395	0	23%	23%	26%	26%	90%	90%	93%	93%
Former Meter JNI-3T																			
	1907:1929	I170062:I170001	CIR	18.00	18.00	PVC	76.61	0.00220	0.0153	9.939	0	5%	5%	6%	6%	22%	22%	23%	23%
	1929:1952	I170001:I170002	CIR	18.00	18.00	PVC	127.38	0.00360	0.0036	4.833	0	11%	11%	13%	13%	45%	45%	46%	46%
	1952:2018	I170002:I170005	CIR	18.00	18.00	PVC	282.94	0.00500	0.0041	5.149	0	11%	11%	12%	12%	42%	42%	43%	43%

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												Existing	2015	2020	2030	Existing	2015	2020	2030
JNI-B																			
JNI-E1																			
	2018:2079	I170005:I170006	CIR	21.00	21.00	PVC	317.03	0.00070	0.0007	3.196	0.25	32%	32%	34%	34%	82%	82%	85%	85%
	2079:2119	I170006:I170007	CIR	21.00	21.00	PVC	301.06	0.00200	0.0020	5.426	0	19%	19%	20%	20%	48%	48%	50%	50%
	2119:2166	I170007:I170008	CIR	21.00	21.00	PVC	300.07	0.00270	0.0060	9.396	0	11%	11%	12%	12%	28%	28%	29%	29%
	2166:2208	I170008:I160036	CIR	21.00	21.00	PVC	299.76	0.00080	0.0008	3.504	0	29%	29%	31%	31%	75%	75%	77%	77%
	2208:2244	I160036:I160037	CIR	21.00	21.00	PVC	315.82	0.00300	0.0029	6.583	0	15%	15%	17%	17%	40%	40%	41%	41%
	2244:2257	I160037:I160038	CIR	21.00	21.00	PVC	197.43	0.00740	0.0073	10.397	0	10%	10%	11%	11%	25%	25%	26%	26%
	2257:2280	I160038:I160035	CIR	21.00	21.00	PVC	226.70	0.00250	0.0025	6.030	0	17%	17%	18%	18%	44%	44%	45%	45%
	2280:2291	I160035:I160039	CIR	21.00	21.00	PVC	231.68	0.00240	0.0024	5.911	0	17%	17%	19%	19%	44%	44%	46%	46%
	2291:2313	I160039:I160040	CIR	21.00	21.00	PVC	256.47	0.00200	0.0019	5.357	0	19%	19%	21%	21%	49%	49%	51%	51%
	2313:2366	I160040:I160041	CIR	21.00	21.00	PVC	304.66	0.00160	0.0016	4.915	0	21%	21%	22%	22%	53%	53%	55%	55%
	2366:2387	I160041:I160042	CIR	21.00	21.00	PVC	204.30	0.01050	0.0105	12.445	0	8%	8%	9%	9%	21%	21%	22%	22%
	2387:2405	I160042:I160043	CIR	21.00	21.00	PVC	282.52	0.00130	0.0013	4.449	0	23%	23%	25%	25%	59%	59%	61%	61%
	2405:2417	I160043:I160044	CIR	21.00	21.00	PVC	209.57	0.00270	0.0027	6.327	0	16%	16%	17%	17%	41%	41%	43%	43%
	2417:2430	I160044:I160045	CIR	21.00	21.00	PVC	170.45	0.00150	0.0015	4.738	0	21%	21%	23%	23%	55%	55%	57%	57%
	2430:2450	I160045:I160046	CIR	21.00	21.00	PVC	120.77	0.00290	0.0029	6.531	0	16%	16%	17%	17%	40%	40%	42%	42%
	2450:2463	I160046:I160047	CIR	21.00	21.00	PVC	70.49	0.00240	0.0024	5.958	0	17%	17%	18%	18%	44%	44%	46%	46%
	2463:2481	I160047:I160048	CIR	21.00	21.00	PVC	180.00	0.00190	0.0019	5.273	0	19%	19%	21%	21%	50%	50%	51%	51%
Net Meter JNI-E																			
Gross Meter JNI-E																			
	2481:2497	I160048:I150032	CIR	21.00	21.00	PVC	306.90	0.00190	0.0019	5.274	0	19%	19%	21%	21%	50%	50%	51%	51%
	2497:2507	I150032:I150033	CIR	21.00	21.00	PVC	84.04	0.00170	0.0017	4.952	0	20%	20%	22%	22%	53%	53%	55%	55%
	2507:2539	I150033:I150047	CIR	21.00	21.00	PVC	250.93	0.00190	0.0020	5.361	0	19%	19%	21%	21%	49%	49%	51%	51%
JNI-2T-2																			
JNI-2T-3																			
JNI-2T-4																			
JNI-2T-5																			
JNI-C1																			
JNI-C2																			
JNI-K1																			
	2539:2591	I150047:I150013	CIR	21.00	21.00	PVC	307.76	0.01020	0.0102	12.254	0	11%	11%	12%	12%	39%	39%	40%	40%
	2591:2611	I150013:I150017	CIR	21.00	21.00	PVC	174.86	0.01120	0.0112	12.844	0	11%	11%	12%	12%	37%	37%	38%	38%
	2611:2627	I150017:I150018	CIR	21.00	21.00	PVC	206.94	0.00640	0.0064	9.689	0	14%	14%	15%	15%	49%	49%	50%	50%
	2627:2671	I150018:I150042	CIR	21.00	21.00	PVC	186.62	0.00780	0.0078	10.694	0	13%	13%	14%	14%	45%	45%	45%	45%
JNI-F1																			
JNI-D1																			
JNI-2T-1																			
	2671:2748	I150042:I150021	CIR	24.00	24.00	PVC	292.20	0.00440	0.0044	11.464	0	22%	22%	23%	23%	49%	54%	54%	54%
Former Meter JNI-2T																			
	2748:2812	I150021:I150026	CIR	24.00	24.00	PVC	330.69	0.00630	0.0063	13.771	0	18%	18%	19%	19%	41%	45%	45%	45%
	2812:2876	I150026:I150027	CIR	24.00	24.00	PVC	276.55	0.00440	0.0043	11.363	0	22%	22%	23%	23%	50%	54%	55%	55%
	2876:2918	I150027:I150063	CIR	24.00	24.00	PVC	345.13	0.00430	0.0043	11.419	0	22%	22%	23%	23%	50%	54%	55%	55%
	2918:2971	I150063:J150005	CIR	24.00	24.00	PVC	341.05	0.00570	0.0057	13.131	0	19%	19%	20%	20%	43%	47%	48%	48%
Net Meter JNI-F																			

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Subarea Addition	Segment ID	NBC Segment ID	Shape	Dia1 (in)	Dia2 (in)	Material	Length (ft)	Slope (ft/ft)	Slope Calculated	Capacity (mgd)	Invert Drop (ft)	Peak Dry Weather Flow (% of Full Pipe Capacity)				Peak Wet Weather Flow (% of Full Pipe Capacity)			
												Existing	2015	2020	2030	Existing	2015	2020	2030
Gross Meter JNI-F																			
	2971:2991	J150005:J140009	CIR	24.00	24.00	PVC	201.54	0.00400	0.0040	10.913	0	18%	18%	19%	19%	52%	56%	57%	57%
	2991:3022	J140009:J140010	CIR	24.00	24.00	PVC	277.16	0.00500	0.0050	12.267	0	16%	16%	17%	17%	46%	50%	51%	51%
	3022:3049	J140010:J140030	CIR	24.00	24.00	PVC	271.93	0.00500	0.0036	10.345	0	19%	19%	20%	20%	55%	60%	60%	60%
WI-5T-5																			
JNI-1T Subbasins Enter Through Meter JNI-1T																			
	3049:3032	J140030:J140029	CIR	24.00	24.00	PVC	156.26	0.01200	0.0115	18.539	0	11%	11%	11%	11%	55%	57%	58%	58%
Flow Connection to Woonasquatucket Interceptor at MH J140033																			
Secondary Interceptor Branch (JNI-3T-3 Subbasin)																			
	1001:1039	H200003:H200002	CIR	8.00	8.00	ASC	310.76	0.00300	0.0050	0.555	--								
	1039:1054	H200002:H200001	CIR	8.00	8.00	ASC	128.44	0.00300	0.0032	0.442	0								
	1054:1069	H200001:H200004	CIR	8.00	8.00	ASC	176.51	0.00300	0.0028	0.417	0								
	1069:1087	H200004:H190014	CIR	8.00	8.00	ASC	247.53	0.00400	0.0045	0.526	0								
	1087:1098	H190014:H190016	CIR	8.00	8.00	ASC	233.20	0.00400	0.0056	0.587	0								
JNI-A3																			
JNI-3T-3																			
	1098:1115	H190016:H190015	CIR	10.00	10.00	ASC	231.99	0.00300	0.0025	0.716	0	25%	25%	25%	25%	84%	84%	84%	84%
	1115:1122	H190015:H190013	CIR	10.00	10.00	ASC	297.01	0.00300	0.0027	0.732	0	25%	25%	25%	25%	82%	82%	82%	82%
	1122:1120	H190013:H190012	CIR	10.00	10.00	ASC	80.73	0.01000	0.0139	1.672	0	11%	11%	11%	11%	36%	36%	36%	36%
	1120:1155	H190012:H190011	CIR	10.00	10.00	ASC	267.46	0.00400	0.0035	0.841	0	21%	21%	21%	21%	71%	71%	71%	71%
	1155:1163	H190011:H190010	CIR	10.00	10.00	ASC	44.02	0.00380	0.0059	1.091	0	17%	17%	17%	17%	55%	55%	55%	55%
	1163:1203	H190010:H190005	CIR	12.00	12.00	ASC	264.64	0.00300	0.0028	1.220	0	15%	15%	15%	15%	49%	49%	49%	49%
	1203:1219	H190005:H190004	CIR	12.00	12.00	ASC	304.36	0.00300	0.0035	1.368	0	13%	13%	13%	13%	44%	44%	44%	44%
	1219:1239	H190004:H190003	CIR	12.00	12.00	ASC	294.68	0.00300	0.0026	1.187	0	15%	15%	15%	15%	50%	50%	50%	50%
	1239:1260	H190003:H190002	CIR	10.00	10.00	ASC	295.62	0.00300	0.0031	0.787	0	23%	23%	23%	23%	76%	76%	76%	76%
	1260:1275	H190002:H190001	CIR	10.00	10.00	ASC	229.54	0.00300	0.0028	0.755	0	24%	24%	24%	24%	79%	79%	79%	79%
	1275:1283	H190001:H190009	CIR	10.00	10.00	ASC	88.06	0.00300	0.0039	0.882	0	20%	20%	20%	20%	68%	68%	68%	68%
	1283:1300	H190009:H190008	CIR	10.00	10.00	ASC	142.34	0.00300	0.0020	0.629	0	29%	29%	29%	29%	95%	95%	95%	95%
	1300:1320	H190008:H190007	CIR	10.00	10.00	ASC	209.44	0.00300	0.0039	0.883	0	20%	20%	20%	20%	68%	68%	68%	68%
	1320:1329	H190007:H190006	CIR	10.00	10.00	ASC	137.23	0.00300	0.0019	0.618	0	29%	29%	29%	29%	97%	97%	97%	97%
	1329:1371	H190006:H180010	CIR	10.00	10.00	ASC	298.51	0.00300	0.0032	0.805	0	22%	22%	22%	22%	74%	74%	74%	74%
	1371:1455	H180010:H180012	CIR	10.00	10.00	ASC	301.07	0.00300	0.0033	0.810	0	22%	22%	22%	22%	74%	74%	74%	74%
Flow Connection to Primary Branch at MH H180012																			
Secondary Interceptor Branch (JNI-2T-2,3,4,5 Subbasins)																			
JNI-2T-5																			
	2116:2129	H170001:H170002	CIR	10.00	10.00	ASC	100.73	0.00400	0.0046	0.959	--					53%	53%	53%	53%
	2129:2174	H170002:H170003	CIR	10.00	10.00	ASC	244.84	0.00400	0.0040	0.893	0					57%	57%	57%	57%
	2174:2199	H170003:H160002	CIR	10.00	10.00	ASC	237.54	0.00500	0.0053	1.029	0					49%	49%	49%	49%
	2199:2239	H160002:H160001	CIR	10.00	10.00	ASC	238.34	0.00700	0.0061	1.107	0					46%	46%	46%	46%
	2239:2278	H160001:H160003	CIR	10.00	10.00	ASC	242.05	0.00800	0.0097	1.401	0					36%	36%	36%	36%
	2278:2285	H160003:H160004	CIR	10.00	10.00	ASC	83.64	0.02500	0.0226	2.133	0					24%	24%	24%	24%
	2285:2294	H160004:H160005	CIR	10.00	10.00	ASC	122.20	0.02500	0.0222	2.113	0					24%	24%	24%	24%
JNI-C1																			
JNI-2T-3																			
	2294:2317	H160005:I160002	CIR	12.00	12.00	ASC	251.10	0.00150	0.0015	0.898	2.02	20%	20%	20%	20%	103%	103%	103%	103%

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												Existing	2015	2020	2030	Existing	2015	2020	2030
	2317:2374	I160002:I160003	CIR	12.00	12.00	CNP	263.58	0.00140	0.0014	0.937	0	19%	19%	19%	19%	99%	99%	99%	99%
	2374:2384	I160003:I160001	CIR	12.00	12.00	CNP	92.34	0.00190	0.0013	0.901	0	20%	20%	20%	20%	102%	102%	102%	102%
	2384:2390	I160001:I160004	CIR	12.00	12.00	CNP	92.36	0.00260	0.0026	1.274	0	14%	14%	14%	14%	72%	72%	72%	72%
	2390:2398	I160004:I160005	CIR	12.00	12.00	CNP	170.71	0.00000	-0.0022	0.000	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	2398:2410	I160005:I160006	CIR	12.00	12.00	CNP	170.76	0.00500	0.0051	1.785	0	10%	10%	10%	10%	52%	52%	52%	52%
	2410:2423	I160006:I160007	CIR	12.00	12.00	CNP	165.10	0.00180	0.0018	1.066	0	17%	17%	17%	17%	87%	87%	87%	87%
	2423:2433	I160007:I160008	CIR	12.00	12.00	CNP	149.15	0.00190	0.0019	1.083	0	17%	17%	17%	17%	85%	85%	85%	85%
	2433:2477	I160008:I160009	CIR	12.00	12.00	CNP	295.85	0.00160	0.0010	0.783	0	23%	23%	23%	23%	118%	118%	118%	118%
	2477:2475	I160009:I160010	CIR	10.00	10.00	ASC	293.49	0.00750	0.0086	1.315	0	14%	14%	14%	14%	70%	70%	70%	70%
	2475:2474	I160010:I160032	CIR	10.00	10.00	PVC	51.29	0.00860	0.0086	1.553	0	12%	12%	12%	12%	59%	59%	59%	59%
	2474:2470	I160032:I160033	CIR	10.00	10.00	PVC	221.36	0.01110	0.0111	1.764	0	10%	10%	10%	10%	52%	52%	52%	52%
	2470:2467	I160033:I160034	CIR	10.00	10.00	PVC	204.09	0.00950	0.0095	1.631	0	11%	11%	11%	11%	57%	57%	57%	57%
	2467:2491	I160034:I150015	CIR	10.00	10.00	PVC	347.07	0.00970	0.0097	1.653	0	11%	11%	11%	11%	56%	56%	56%	56%
JNI-2T-2																			
	2491:2509	I150015:I150016	CIR	10.00	10.00	PVC	221.88	0.01060	0.0106	1.726	0	10%	10%	10%	10%	63%	63%	63%	63%
	2509:2506	I150016:I150014	CIR	10.00	10.00	PVC	222.59	0.00960	0.0106	1.723	0	10%	10%	10%	10%	64%	64%	64%	64%
	2506:2502	I150014:I150031	CIR	10.00	10.00	PVC	225.91	0.01080	0.0097	1.655	0	11%	11%	11%	11%	66%	66%	66%	66%
	2502:2515	I150031:I150030	CIR	10.00	10.00	PVC	121.09	0.02930	0.0294	2.876	0	6%	6%	6%	6%	38%	38%	38%	38%
	2515:2546	I150030:I150051	CIR	10.00	10.00	PVC	179.34	0.02720	0.0273	2.772	0	6%	6%	6%	6%	39%	39%	39%	39%
	2546:2548	I150051:I150049	CIR	10.00	10.00	PVC	23.96	0.04900	0.0447	3.544	0	5%	5%	5%	5%	31%	31%	31%	31%
JNI-2T-4																			
JNI-C2																			
JNI-K1																			
	2548:2544	I150049:I150048	CIR	12.00	12.00	PVC	195.17	0.04230	0.0427	5.635	1.41	16%	16%	16%	16%	38%	38%	38%	38%
Net Meter JNI-C																			
Gross Meter JNI-C																			
	2544:2539	I150048:I150047	CIR	12.00	12.00	PVC	101.16	0.03890	0.0388	5.376	0	7%	7%	7%	7%	40%	40%	40%	40%
Flow Connection to Primary Branch at MH I150047																			
Secondary Interceptor Branch (JNI-2T-1)																			
	2566:2581	I150045:I150055	CIR	8.00	8.00	ASC	178.89	0.01800	0.0201	1.109	--								
	2581:2592	I150055:I150046	CIR	8.00	8.00	ASC	61.75	0.01800	0.0183	1.059	0								
	2592:2614	I150046:I150044	CIR	8.00	8.00	ASC	171.23	0.01900	0.0186	1.068	0								
	2614:2650	I150044:I150039	CIR	8.00	8.00	ASC	241.10	0.02000	0.0207	1.127	0								
	2650:2697	I150039:I150038	CIR	8.00	8.00	ASC	90.97	0.02000	0.0209	1.131	0								
	2697:2733	I150038:I150037	CIR	8.00	8.00	ASC	84.51	0.00400	0.0024	0.381	0								
JNI-D1																			
JNI-2T-1																			
	2733:2692	I150037:I150036	CIR	10.00	10.00	PVC	212.82	0.01110	0.0112	1.774	0.36	31%	31%	31%	31%	73%	73%	73%	73%
	2692:2653	I150036:I150035	CIR	10.00	10.00	PVC	152.65	0.01080	0.0107	1.738	0	32%	32%	32%	32%	75%	75%	75%	75%
	2653:2711	I150035:I150034	CIR	10.00	10.00	PVC	183.42	0.01070	0.0107	1.738	0	32%	32%	32%	32%	75%	75%	75%	75%
	2711:2699	I150034:I150040	CIR	10.00	10.00	PVC	248.07	0.02690	0.0268	2.748	0	20%	20%	20%	20%	47%	47%	47%	47%
Net Meter JNI-D																			
Gross Meter JNI-D																			
	2699:2693	I150040:I150041	CIR	10.00	10.00	PVC	158.74	0.07800	0.0782	4.691	0	12%	12%	12%	12%	28%	28%	28%	28%

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Subarea Addition	Segment ID	NBC Segment ID	Shape	Dia1 (in)	Dia2 (in)	Material	Length (ft)	Slope (ft/ft)	Slope Calculated	Capacity (mgd)	Invert Drop (ft)	Peak Dry Weather Flow (% of Full Pipe Capacity)				Peak Wet Weather Flow (% of Full Pipe Capacity)			
												Existing	2015	2020	2030	Existing	2015	2020	2030
	2693:2687	I150041:I150043	CIR	10.00	10.00	PVC	185.31	0.05320	0.0533	3.871	0	14%	14%	14%	14%	34%	34%	34%	34%
Springfield																			
	2687:2671	I150043:I150042	CIR	10.00	10.00	PVC	187.26	0.01560	0.0156	2.094	0	26%	26%	26%	26%	62%	62%	62%	62%
Flow Connection to Primary Branch at MH I150042																			
Secondary Interceptor Branch (Meter Basins JNI-1T)																			
JNI-1T-7																			
	4254:4190	I130010:I130009	CIR	8.00	8.00	ASC	332.52	0.00500	0.0050	0.553	--					0%	0%	0%	0%
	4190:4134	I130009:I130008	CIR	8.00	8.00	ASC	220.19	0.00700	0.0070	0.655	0					0%	0%	0%	0%
	4134:4055	I130008:I130007	CIR	8.00	8.00	ASC	351.57	351.50000	0.0300	1.356	0.21					0%	0%	0%	0%
	4055:4024	I130007:I130006	CIR	8.00	8.00	ASC	155.40	0.04500	0.0681	2.043	0.5					0%	0%	0%	0%
JNI-1T-6																			
JNI-J1																			
	4024:3989	I130006:I130005	CIR	8.00	8.00	ASC	152.66	0.02100	0.0184	1.062	0.4	9%	9%	9%	9%	29%	29%	29%	29%
	3989:3977	I130005:I130004	CIR	8.00	8.00	ASC	95.06	0.04800	0.0479	1.712	1.8	6%	6%	6%	6%	18%	18%	18%	18%
JNI-1T-5																			
	3977:3886	I130004:I130011	CIR	8.00	8.00	ASC	195.50	0.04800	0.0480	1.715	0	6%	6%	6%	6%	36%	36%	36%	36%
	3886:3862	I130011:I130012	CIR	8.00	8.00	ASC	49.84	0.04800	0.0482	1.717	0	6%	6%	6%	6%	36%	36%	36%	36%
JNI-J2																			
	3862:3863	I130012:I130021	CIR	8.00	8.00	ASC	60.86	0.01300	0.0169	1.018	0	76%	76%	76%	76%	126%	126%	126%	126%
	3863:3936	I130021:I130020	CIR	8.00	8.00	PVC	203.26	0.00850	0.0084	0.848	0	91%	91%	91%	91%	152%	152%	152%	152%
	3936:3962	I130020:I130019	CIR	8.00	8.00	PVC	176.94	0.01090	0.0112	0.981	0	78%	78%	78%	78%	131%	131%	131%	131%
	3962:3953	I130019:I130018	CIR	8.00	8.00	PVC	45.33	0.00130	0.0013	0.336	0	229%	229%	229%	229%	382%	382%	382%	382%
	3953:3920	I130018:I130017	CIR	8.00	8.00	PVC	40.14	0.04750	0.0471	2.007	0	38%	38%	38%	38%	64%	64%	64%	64%
	3920:3872	I130017:I130013	CIR	8.00	8.00	ASC	147.58	0.11200	0.1178	2.686	0	29%	29%	29%	29%	48%	48%	48%	48%
	3872:3838	I130013:I130016	CIR	8.00	8.00	ASC	179.59	0.08800	0.0831	2.257	0	34%	34%	34%	34%	57%	57%	57%	57%
	3838:3825	I130016:I130015	CIR	8.00	8.00	ASC	73.58	0.10600	0.1044	2.528	0	30%	30%	30%	30%	51%	51%	51%	51%
	3825:3709	I130015:I130014	CIR	8.00	8.00	ASC	237.36	0.05200	0.0522	1.789	0	43%	43%	43%	43%	72%	72%	72%	72%
Net Meter JNI-J																			
Gross Meter JNI-J																			
	3709:3666	I130014:I130028	CIR	8.00	8.00	ASC	98.55	0.01900	0.0240	1.214	0	63%	63%	63%	63%	106%	106%	106%	106%
	3666:3609	I130028:I130027	CIR	8.00	8.00	PVC	192.83	0.01470	0.0148	1.124	0	68%	68%	68%	68%	114%	114%	114%	114%
	3609:3589	I130027:I130026	CIR	8.00	8.00	PVC	55.51	0.02640	0.0382	1.808	0	43%	43%	43%	43%	71%	71%	71%	71%
	3589:3571	I130026:I130025	CIR	8.00	8.00	PVC	49.18	0.03100	0.0246	1.451	0	53%	53%	53%	53%	89%	89%	89%	89%
	3571:3556	I130025:I130024	CIR	8.00	8.00	PVC	85.96	0.02380	0.0183	1.250	0	62%	62%	62%	62%	103%	103%	103%	103%
JNI-1T-4																			
JNI-I1																			
	3556:3523	I130024:I130023	CIR	12.00	12.00	PVC	178.88	0.00830	0.0084	2.498	0.47	15%	45%	45%	45%	81%	81%	81%	81%
JNI-1T-3																			
	3523:3502	I130023:I130022	CIR	12.00	12.00	PVC	178.80	0.00660	0.0065	2.206	0	16%	51%	51%	51%	106%	106%	106%	106%
	3502:3483	I130022:J130003	CIR	12.00	12.00	PVC	232.05	0.00900	0.0090	2.582	0	14%	44%	44%	44%	91%	91%	91%	91%
	3483:3573	J130003:J130002	CIR	12.00	12.00	PVC	157.19	0.01040	0.0105	2.794	0	13%	41%	41%	41%	84%	84%	84%	84%
JNI-I2																			
	3573:3521	J130002:J130006	CIR	12.00	12.00	PVC	192.44	0.01510	0.0141	3.243	0	17%	41%	41%	41%	78%	78%	78%	78%
	3521:3484	J130006:J130001	CIR	12.00	12.00	PVC	208.07	0.00810	0.0090	2.592	0	21%	51%	51%	51%	97%	97%	97%	97%
Net Meter JNI-I																			

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Subarea Addition	Segment ID	NBC Segment ID	Shape	Dia1 (in)	Dia2 (in)	Material	Length (ft)	Slope (ft/ft)	Slope Calculated	Capacity (mgd)	Invert Drop (ft)	Peak Dry Weather Flow (% of Full Pipe Capacity)				Peak Wet Weather Flow (% of Full Pipe Capacity)			
												Existing	2015	2020	2030	Existing	2015	2020	2030
Gross Meter JNI-I																			
	3484:3476	J130001:J130004	CIR	12.00	12.00	PVC	167.81	0.00730	0.0073	2.325	0	23%	57%	57%	57%	109%	109%	109%	109%
	3476:3453	J130004:J130005	CIR	12.00	12.00	PVC	126.09	0.00650	0.0100	2.726	0	20%	48%	48%	48%	93%	93%	93%	93%
	3453:3422	J130005:J130007	CIR	12.00	12.00	PVC	112.42	0.00260	0.0027	1.409	0	39%	93%	93%	93%	179%	179%	179%	179%
JNI-1T-2																			
JNI-H1																			
	3422:3397	J130007:J140019	CIR	15.00	15.00	PVC	180.85	0.00250	0.0039	3.077	0	18%	43%	43%	43%	86%	86%	86%	86%
	3397:3381	J140019:J140018	CIR	15.00	15.00	PVC	161.72	0.00020	0.0001	0.550	0	100%	240%	240%	240%	479%	479%	479%	479%
	3381:3369	J140018:J140024	CIR	15.00	15.00	PVC	93.48	0.00700	0.0071	4.155	0	13%	32%	32%	32%	63%	63%	63%	63%
	3369:3339	J140024:J140025	CIR	15.00	15.00	PVC	277.87	0.00630	0.0063	3.925	0	14%	34%	34%	34%	67%	67%	67%	67%
	3339:3281	J140025:J140023	CIR	15.00	15.00	PVC	237.84	0.00010	0.0001	0.453	0	121%	291%	291%	291%	581%	581%	581%	581%
JNI-1T-1																			
	3281:3200	J140023:J140021	CIR	15.00	15.00	PVC	243.12	0.00520	0.0052	3.574	0	15%	37%	37%	37%	79%	79%	79%	79%
	3200:3171	J140021:J140022	CIR	15.00	15.00	PVC	239.11	0.00450	0.0045	3.324	0	17%	40%	40%	40%	85%	85%	85%	85%
	3171:3155	J140022:J140020	CIR	15.00	15.00	PVC	158.91	0.00330	0.0033	2.856	0	19%	46%	46%	46%	99%	99%	99%	99%
JNI-H2																			
	3155:3141	J140020:J140002	CIR	15.00	15.00	PVC	148.97	0.00380	0.0038	3.059	0	18%	43%	43%	43%	93%	93%	93%	93%
	3141:3133	J140002:J140003	CIR	15.00	15.00	PVC	200.52	0.00200	0.0020	2.236	0	25%	59%	59%	59%	127%	127%	127%	127%
	3133:3113	J140003:J140004	CIR	15.00	15.00	PVC	296.32	0.02040	0.0204	7.061	0	8%	19%	19%	19%	40%	40%	40%	40%
Net Meter JNI-H																			
Gross Meter JNI-H																			
Former Meter JNI-1T																			
	3113:3087	J140004:J140013	CIR	15.00	15.00	PVC	245.27	0.02310	0.0231	7.519	0	7%	18%	18%	18%	38%	38%	38%	38%
	3087:3073	J140013:J140005	CIR	15.00	15.00	PVC	60.09	0.05280	0.0528	11.359	0	5%	12%	12%	12%	25%	25%	25%	25%
	3073:3063	J140005:J140007	CIR	15.00	15.00	PVC	95.45	0.04110	0.0409	9.997	0	6%	13%	13%	13%	28%	28%	28%	28%
	3063:3061	J140007:J140006	CIR	15.00	15.00	PVC	18.09	0.00950	0.0099	4.933	0	11%	27%	27%	27%	58%	58%	58%	58%
	3061:3049	J140006:J140030	CIR	18.00	18.00	PVC	122.13	0.00360	0.0033	4.602	0	12%	29%	29%	29%	62%	62%	62%	62%
Flow Connection to Primary Branch at MH J140030																			
Secondary Interceptor Branch (WI-5T-5)																			
WI-5T-5																			
	3005:3045	J140008:J140011	CIR	12.00	12.00	ASC	262.63	0.00000	0.0102	2.331	--					71%	71%	71%	71%
JNI-G1																			
	3045:3051	J140011:J140017	CIR	12.00	12.00	ASC	242.91	0.00960	0.0126	2.590	0	18%	18%	18%	18%	82%	82%	82%	82%
Net Meter JNI-G																			
Gross Meter JNI-G																			
	3051:3057	J140017:J140016	CIR	12.00	12.00	ASC	204.01	0.00720	0.0084	2.113	0	23%	23%	23%	23%	101%	101%	101%	101%
	3057:3052	J140016:J140012	CIR	16.00	16.00	ASC	47.99	0.07000	0.0015	1.898	3.14	25%	25%	25%	25%	112%	112%	112%	112%
	3052:3049	J140012:J140030	CIR	15.00	15.00	PVC	21.93	0.01530	0.0388	9.737	0	5%	5%	5%	5%	22%	22%	22%	22%
Flow Connection to Primary Branch at MH J140030																			
Tertiary Interceptor Branch (JNI-2T-4)																			
JNI-K1																			
JNI-2T-4																			
H160011																			
	-- : --	H160011:H160010	CIR	12.00	12.00	PVC	341.97	0.00810	0.0081	2.459	--	20%	20%	20%	20%	20%	20%	20%	20%

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Subarea Addition	Segment ID	NBC Segment ID	Shape	Dia1 (in)	Dia2 (in)	Material	Length (ft)	Slope (ft/ft)	Slope Calculated	Capacity (mgd)	Invert Drop (ft)	Peak Dry Weather Flow (% of Full Pipe Capacity)				Peak Wet Weather Flow (% of Full Pipe Capacity)			
												Existing	2015	2020	2030	Existing	2015	2020	2030
Net Meter JNI-K																			
Gross Meter JNI-K																			
	-- : --	H160010:H160009	CIR	12.00	12.00	PVC	248.10	0.00910	0.0131	3.126	0	16%	26%	37%	42%	27%	37%	48%	53%
	-- : --	H160009:H160008	CIR	12.00	12.00	PVC	243.25	0.00520	0.0052	1.963	-1	25%	41%	59%	66%	43%	58%	76%	84%
	-- : --	H160008:H160007	CIR	12.00	12.00	PVC	252.15	0.00370	0.0037	1.665	0	30%	48%	69%	78%	51%	69%	90%	99%
	-- : --	H160007:H160006	CIR	12.00	12.00	PVC	253.30	0.00580	0.0058	2.071	0	24%	39%	56%	63%	41%	55%	72%	79%
	-- : --	H160006:H150006	CIR	12.00	12.00	PVC	245.92	0.00370	0.0037	1.668	0	30%	48%	69%	78%	50%	68%	90%	98%
	-- : --	H150006:H150005	CIR	12.00	12.00	PVC	299.16	0.00620	0.0062	2.139	0	23%	37%	54%	61%	39%	53%	70%	77%
	-- : --	H150005:H150004	CIR	12.00	12.00	PVC	148.90	0.01580	0.0158	3.426	0	15%	23%	34%	38%	25%	33%	44%	48%
	-- : --	H150004:H150003	CIR	8.00	8.00	ASC	152.66	0.02500	0.0246	1.227	0.05	41%	65%	94%	106%	69%	93%	122%	134%
	-- : --	H150003:H150002	CIR	8.00	8.00	ASC	72.71	0.03000	0.0294	1.343	0.33	37%	60%	86%	97%	63%	85%	111%	122%
	-- : --	H150002:H150001	CIR	8.00	8.00	ASC	46.79	0.03000	0.0331	1.424	0	35%	56%	81%	91%	59%	80%	105%	115%
	-- : --	H150001:I150062	CIR	8.00	8.00	ASC	186.29	0.04600	0.0445	1.651	0	30%	48%	70%	79%	51%	69%	91%	99%
	-- : --	I150062:I150010	CIR	8.00	8.00	ASC	295.04	0.06200	0.0622	1.952	0	26%	41%	59%	66%	43%	59%	77%	84%
	-- : --	I150010:I150058	CIR	8.00	8.00	ASC	363.99	0.05000	0.0506	1.760	0	28%	45%	65%	74%	48%	65%	85%	93%
	-- : --	I150058:I150057	CIR	8.00	8.00	ASC	109.87	0.01800	0.0154	0.971	1.4	51%	82%	119%	134%	87%	118%	154%	169%
	-- : --	I150057:I150056	CIR	8.00	8.00	PVC	63.61	0.01450	0.0208	1.332	2.14	37%	60%	86%	97%	63%	86%	112%	123%
		I150056:I150053B							#DIV/0!	#N/A	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
	-- : --	I150053B:I150053	CIR	8.00	8.00	ASC	251.44	0.06400	0.0010	0.242	15.75	206%	330%	476%	537%	348%	473%	618%	679%
	-- : --	I150053:I150054	CIR	10.00	10.00	PVC	21.63	0.06300	0.0615	4.159	0	12%	19%	28%	31%	20%	27%	36%	39%
	-- : --	I150054:I150052	CIR	10.00	10.00	PVC	294.06	0.01970	0.0196	2.347	0	21%	34%	49%	55%	36%	49%	64%	70%
	-- : --	I150052:I150049	CIR	10.00	10.00	PVC	255.75	0.02460	0.0247	2.634	0	19%	30%	44%	49%	32%	43%	57%	62%
Tertiary Interceptor Branch (Springfield)																			
	-- : --	I150050:I150059	CIR	10.00	10.00	ASC	127.44	0.00000	0.0479	3.107	--								
	-- : --	I150059:I150061	CIR	10.00	10.00	ASC	150.02	0.00000	0.0143	1.699	0								
	-- : --	I150061:I150060	CIR	8.00	8.00	PVC	40.26	0.08670	0.0720	2.482	0								
	-- : --	I150060:I150012	CIR	8.00	8.00	ASC	290.78	0.01400	0.0153	0.967	0								
	-- : --	I150012:I150011	CIR	8.00	8.00	ASC	292.77	0.00810	0.0073	0.671	0								
	-- : --	I150011:I150043	CIR	8.00	8.00	ASC	12.22	0.04900	0.0475	1.705	0								
Flow Connection to Secondary Branch (JNI-2T) at MH I150043																			