

Scenario: Average Daily Demand

FlexTable: Junction Table

Label	Elevation (ft)	Demand Collection	Demand (gpm)	Hydraulic Grade (ft)	Pressure (psi)
J-2	16.67	<Collection: 0 items>	0	159.64	62
J-3	14.39	<Collection: 0 items>	0	159.64	63
J-4	22.01	<Collection: 0 items>	0	159.65	60
Fire Station	15.84	<Collection: 1 items>	2	159.65	62
J-6	23.15	<Collection: 0 items>	0	159.74	59
J-7	23.63	<Collection: 0 items>	0	159.65	59
J-8	15.97	<Collection: 0 items>	0	159.63	62
J-9	21.07	<Collection: 0 items>	0	159.68	60
J-14	17.40	<Collection: 0 items>	0	159.65	62
J-15	17.14	<Collection: 0 items>	0	159.62	62
Ghost Pirate Facility	16.71	<Collection: 1 items>	68	159.61	62
Parkside at Port Wentworth	20.72	<Collection: 1 items>	59	159.68	60
J-18	21.00	<Collection: 0 items>	0	159.66	60
Noble Vines Development	21.00	<Collection: 1 items>	79	159.65	60
J-36	0.00	<Collection: 0 items>	0	159.66	69
J-37	23.13	<Collection: 0 items>	0	159.75	59

Scenario: Peak Daily Demand

FlexTable: Junction Table

Label	Elevation (ft)	Demand Collection	Demand (gpm)	Hydraulic Grade (ft)	Pressure (psi)
J-2	16.67	<Collection: 0 items>	0	158.31	61
J-3	14.39	<Collection: 0 items>	0	158.30	62
J-4	22.01	<Collection: 0 items>	0	158.33	59
Fire Station	15.84	<Collection: 1 items>	4	158.33	62
J-6	23.15	<Collection: 0 items>	0	158.75	59
J-7	23.63	<Collection: 0 items>	0	158.34	58
J-8	15.97	<Collection: 0 items>	0	158.26	62
J-9	21.07	<Collection: 0 items>	0	158.48	59
J-14	17.40	<Collection: 0 items>	0	158.35	61
J-15	17.14	<Collection: 0 items>	0	158.23	61
Ghost Pirate Facility	16.71	<Collection: 1 items>	136	158.19	61
Parkside at Port Wentworth	20.72	<Collection: 1 items>	147	158.45	60
J-18	21.00	<Collection: 0 items>	0	158.38	59
Noble Vines Development	21.00	<Collection: 1 items>	198	158.34	59
J-36	0.00	<Collection: 0 items>	0	158.40	69
J-37	23.13	<Collection: 0 items>	0	158.80	59

Scenario: Tank HWL - Peak Hourly Demand + Instantaneous 500 gpm FF at Fire Station

FlexTable: Junction Table

Label	Elevation (ft)	Demand Collection	Demand (gpm)	Hydraulic Grade (ft)	Pressure (psi)
J-2	16.67	<Collection: 0 items>	0	149.75	58
J-3	14.39	<Collection: 0 items>	0	149.70	59
J-4	22.01	<Collection: 0 items>	0	149.71	55
Fire Station	15.84	<Collection: 1 items>	506	149.52	58
J-6	23.15	<Collection: 0 items>	0	153.42	56
J-7	23.63	<Collection: 0 items>	0	149.99	55
J-8	15.97	<Collection: 0 items>	0	149.61	58
J-9	21.07	<Collection: 0 items>	0	152.04	57
J-14	17.40	<Collection: 0 items>	0	150.05	57
J-15	17.14	<Collection: 0 items>	0	149.54	57
Ghost Pirate Facility	16.71	<Collection: 1 items>	204	149.47	57
Parkside at Port Wentworth	20.72	<Collection: 1 items>	206	151.99	57
J-18	21.00	<Collection: 0 items>	0	151.37	56
Noble Vines Development	21.00	<Collection: 1 items>	277	151.29	56
J-36	0.00	<Collection: 0 items>	0	150.50	65
J-37	23.13	<Collection: 0 items>	0	153.66	56

Scenario: Tank LWL - Peak Hourly Demand + Instantaneous 500 gpm FF at Fire Station

FlexTable: Junction Table

Label	Elevation (ft)	Demand Collection	Demand (gpm)	Hydraulic Grade (ft)	Pressure (psi)
J-2	16.67	<Collection: 0 items>	0	115.85	43
J-3	14.39	<Collection: 0 items>	0	115.80	44
J-4	22.01	<Collection: 0 items>	0	115.81	41
Fire Station	15.84	<Collection: 1 items>	506	115.62	43
J-6	23.15	<Collection: 0 items>	0	119.52	42
J-7	23.63	<Collection: 0 items>	0	116.09	40
J-8	15.97	<Collection: 0 items>	0	115.71	43
J-9	21.07	<Collection: 0 items>	0	118.14	42
J-14	17.40	<Collection: 0 items>	0	116.15	43
J-15	17.14	<Collection: 0 items>	0	115.64	43
Ghost Pirate Facility	16.71	<Collection: 1 items>	204	115.57	43
Parkside at Port Wentworth	20.72	<Collection: 1 items>	206	118.09	42
J-18	21.00	<Collection: 0 items>	0	117.47	42
Noble Vines Development	21.00	<Collection: 1 items>	277	117.39	42
J-36	0.00	<Collection: 0 items>	0	116.60	50
J-37	23.13	<Collection: 0 items>	0	119.76	42

Scenario: Tank HWL - Peak Hourly Demand + Instantaneous 1,000 gpm FF at Fire Station

FlexTable: Junction Table

Label	Elevation (ft)	Demand Collection	Demand (gpm)	Hydraulic Grade (ft)	Pressure (psi)
J-2	16.67	<Collection: 0 items>	0	138.91	53
J-3	14.39	<Collection: 0 items>	0	138.81	54
J-4	22.01	<Collection: 0 items>	0	138.78	51
Fire Station	15.84	<Collection: 1 items>	1,006	138.09	53
J-6	23.15	<Collection: 0 items>	0	147.43	54
J-7	23.63	<Collection: 0 items>	0	139.56	50
J-8	15.97	<Collection: 0 items>	0	138.72	53
J-9	21.07	<Collection: 0 items>	0	144.88	54
J-14	17.40	<Collection: 0 items>	0	139.60	53
J-15	17.14	<Collection: 0 items>	0	138.64	53
Ghost Pirate Facility	16.71	<Collection: 1 items>	204	138.57	53
Parkside at Port Wentworth	20.72	<Collection: 1 items>	206	144.83	54
J-18	21.00	<Collection: 0 items>	0	143.48	53
Noble Vines Development	21.00	<Collection: 1 items>	277	143.40	53
J-36	0.00	<Collection: 0 items>	0	140.63	61
J-37	23.13	<Collection: 0 items>	0	147.87	54

Scenario: Tank LWL - Peak Hourly Demand + Instantaneous 1,000 gpm FF at Fire Station

FlexTable: Junction Table

Label	Elevation (ft)	Demand Collection	Demand (gpm)	Hydraulic Grade (ft)	Pressure (psi)
J-2	16.67	<Collection: 0 items>	0	105.01	38
J-3	14.39	<Collection: 0 items>	0	104.91	39
J-4	22.01	<Collection: 0 items>	0	104.88	36
Fire Station	15.84	<Collection: 1 items>	1,006	104.19	38
J-6	23.15	<Collection: 0 items>	0	113.53	39
J-7	23.63	<Collection: 0 items>	0	105.66	35
J-8	15.97	<Collection: 0 items>	0	104.82	38
J-9	21.07	<Collection: 0 items>	0	110.98	39
J-14	17.40	<Collection: 0 items>	0	105.70	38
J-15	17.14	<Collection: 0 items>	0	104.74	38
Ghost Pirate Facility	16.71	<Collection: 1 items>	204	104.67	38
Parkside at Port Wentworth	20.72	<Collection: 1 items>	206	110.93	39
J-18	21.00	<Collection: 0 items>	0	109.58	38
Noble Vines Development	21.00	<Collection: 1 items>	277	109.50	38
J-36	0.00	<Collection: 0 items>	0	106.73	46
J-37	23.13	<Collection: 0 items>	0	113.97	39