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## Kent County Water Authority Distribution Storage Tank Hydraulic Evaluation

### Technical Memorandum 4B Available Fire Flow Analysis June 2007 (Revised July 2007)

#### 1.0 Purpose and Scope

An analysis of the entire water distribution system was performed utilizing the hydraulic model in order to determine available fire flow rates throughout the water system. This included performing an evaluation to determine the fire flow rate in gallons per minute (gpm) that is available at each of the junction nodes within the model. Junction nodes, as represented in the model, are generally identified as a point in the water distribution system where water mains are joined or meet (i.e. street intersections), where a change occurs in pipe diameter, age or material, at dramatic changes in elevation, or at abrupt changes in pipeline direction. The junction nodes within the model are not intended to replicate the physical location of hydrants within the distribution system however the junction nodes do provide a good overall indication of available fire flow on a particular water main on which hydrants are located.

Fire flows were also calculated at junction nodes on water mains on which hydrants may not be located. These could include water mains transmission water mains and water mains that are less than six inches in diameter and where it is not practical to install fire hydrants due to low flow rates. Smaller diameter water mains are generally located in the older developed sections of the water system and include 4, 2 and 1 inch and smaller diameter. It is generally considered prudent practice that water utilities have a long-term plan for replacement of water mains that are less than 6 inches in diameter. Replacement water mains should be at minimum 6 inches in diameter and preferably 8 inches to maximize fire flow availability.

It was intended that this fire flow analysis provide the Authority with an overall indication of available fire flow rates throughout the entire system without regard to size of water main or hydrant location. With this information, it is possible to determine if the calculated available fire flow rate at specific locations within the water system are adequate.

#### 2.0 Available Fire Flow Analysis

##### 2.1 Assessment Criteria

The model calculations for fire flow were premised on having available a minimum of 20 psi residual pressure at the flow location under a maximum day demand condition in accordance with American Water Works Association (AWWA) M32, Distribution Network Analysis for Water Utilities and AWWA M31, Distribution System Requirements for Fire Protection. M31 and M32 also stipulate that the minimum residual system wide pressure (i.e. other locations in the water system away from the fire flow location) under a fire flow condition should be 20 psi. Further, according to M31 and M32, the volume of the fire flow over its required duration should be available from the system's water storage tanks. These constraints must also be met with system operations consisting of removing the largest pumping facility (or largest

pump in a pump station facility) from service with an appropriate number of remaining pumps in service to meet system demands. ISO also requires that the fire flow be superimposed upon the maximum day domestic demand.

The above criteria were utilized to the extent practical when performing the model simulations. There are however limitations in the ability of the model software to perform calculations under this criteria which was evident at particular junction nodes in the system. Adjustments were also necessary in the initial settings for the model simulations. Most notably this included those junction nodes in the Authority's model, which under normal conditions have a static pressure (i.e. non fire flow condition) that is under 20 psi. Junction nodes within the model with pressures of 20 psi or lower predominately occur in the Low Service Pressure Gradient at higher service elevations, at the base of ground storage tanks, transmission mains without services and on the suction side of booster pump stations.

The location of these identified "low pressure" areas is as follows. These include areas that have marginal pressure (20 psi and less) and areas that have pressures below the 35 psi regulatory standard of the Authority Regulations when Clinton Avenue Pump Station is in operation. It should be noted that all the identified locations may not directly impact service customers as these locations could occur at high points along transmission mains with no services, areas around storage reservoirs and the suction side of booster pump stations. These locations are depicted on a system map in Attachment No. 1.

### LOCATIONS IN SYSTEM WITH PRESSURES BELOW 20 PSI

STREET	LOCATION/APPROXIMATE INTERSECTION	CALCULATED PRESSURE
Cowesett Road	Fairgreen Drive to Kulas Road	19 psi – 20 psi
East Greenwich Avenue *	Meggan Court to Setian Lane	15 psi – 32 psi
South County Trail *	EG Medical Center to Pine Glen Drive	11 psi – 34 psi
Signal Ridge Way	Boulder Way to Watch Hill	17 psi – 27 psi
Arnold Road *	Larch Drive to Acorn Street	18 psi – 34 psi
Lane A	Morningside Drive to Lane E	16 psi – 29 psi
Tiogue Avenue *	Rawlinson Drive to Holloway Avenue	11 psi – 34 psi
Knotty Oak Road	Maple Street to Long Pond Road	14 psi – 34 psi
Knotty Oak Road	White Rock Drive to Maplewood Drive	9 psi – 24 psi
Knotty Oak Road	Gervais Street to Marie Drive	12 psi – 16 psi

## LOCATIONS IN SYSTEM WITH PRESSURES BELOW 35 PSI

STREET	LOCATION/APPROXIMATE INTERSECTION	CALCULATED PRESSURE
New London Avenue	Morningside Drive to Park Blvd.	28 psi – 34 psi
Macarthur Blvd.	Gadoury Street to Washington Street	25 psi – 31 psi
Washington Street	Andrew Avenue to Pond Street	25 psi
Laurel Avenue	Pilgrim Avenue to Princeton Avenue	34 psi
East Greenwich Avenue	New London Tpk. to Oakridge Drive	29 psi – 34 psi
Major Potter Road	Quaker Lane to Eagle Run	29 psi
Windermere Way	Love Lane to Dexterdale Drive	30 psi – 34 psi
Love Lane *	Major Potter Road to D'Agnillo Lane	27 psi – 29 psi
Division Street *	South County Trail to Old Quaker Lane	25 psi
Mayflower Drive	Crest Ridge Drive to Great Road	29 psi – 34 psi
Frenchtown Road *	Cardinal Lane to Tillinghast Road	24 psi – 29 psi
Fernwood Drive	Middle Road to Stoneridge Drive	22 psi – 34 psi
Carr Pond Road *	Division Street to Deer Run Drive	28 psi – 30 psi
Greenbush Road	New London Tpk. to Acorn Lane	22 psi – 33 psi
Arnold Road *	Montana Avenue to Johnson Blvd.	25 psi – 34 psi
Johnson Boulevard *	West Lake Drive to Hopkins Hill Road	22 psi – 34 psi
Nooseneck Hill Road	Reservoir Road to Comfort Way	23 psi – 34 psi
South Main Street	Lowell Street to Stone Street	25 psi – 34 psi
Main Street (COV)	South Main Street to Knotty Oak Road	34 psi
Hope Furnace Road	Howard Avenue to Main Street	31 psi
Blackrock Road *	Gervais Street to Hill Street	29 psi – 34 psi
North Road	Reservation Drive to Blossom Lane	31 psi – 32 psi
Cranberry Drive	Hope Avenue to Kerri Court	29 psi
Fairview Avenue	Hillside Avenue to Read Avenue	26 psi – 34 psi
West Street *	Gough Avenue to Shippee Avenue	24 psi – 34 psi
Buehler Drive	Harding Street to Newlight Street	26 psi – 33 psi

\* Denotes area of low pressure that consists of a transmission main, area near storage reservoir and the suction side of booster pump station.

The model simulations were initialized with the criteria that the fire flow location must have a residual pressure of 20 psi. At all junction nodes which had a static pressure of 20 psi or lower, the model could not compute an available fire flow as the boundary conditions of 20 psi were satisfied and calculations could not be performed. Therefore, the available fire flow results for these junction nodes are reported as 0 gpm.

Additionally, the criteria of maintaining a minimum system wide residual pressure of 20 psi could not be achieved due to those nodes with initial pressures of less than 20 psi. The model could not perform fire flow calculations as again the boundary conditions of maintaining a system wide 20 psi residual pressure was satisfied prior to performing any simulations. It was therefore necessary to initialize the model simulations with a boundary condition of 0 psi as the minimum criteria for system wide residual pressure. This would insure that no areas in the system would experience negative pressures and allow the model software to perform fire flow calculations.

This is considered an acceptable approach as the areas within the distribution system with less than 20 psi have been previously identified. Further, there are also locations in the distribution system with pressures less than 20 psi that do not have customer services (i.e. base or ground storage tanks and transmission mains). These locations are considered acceptable by water works standards and do not require correction.

## **2.2 Available Fire Flow Rate Analysis**

The criteria utilized to determine the available fire flow rates included specifying a minimum fire flow of 500 gpm and a maximum fire flow of 3,500 gpm at each of the junction nodes. These fire flow rates correspond to the upper and lower ranges in the model for purposes of this analysis. These rates are characteristic for a service territory such as the Authority's that consists of a mixed use of urban, suburban, commercial and industrial uses. These fire flow results should not be utilized to evaluate individual facilities or developments but rather they provide a general indication as to the available fire flow rate that would be available in a general area. Specific developments and facilities need to be evaluated on an individual basis.

Also, as previously indicated all fire flow rates were determined based upon a minimum residual pressure of 20 psi at the fire flow location and a minimum system wide residual pressure of 0 psi. It was necessary to establish the minimum system wide residual pressure at 0 psi due to the fact that there exist locations within the distribution system that routinely experience pressures below 20 psi during non-fire flow conditions. These predominately include the higher service elevations, ground elevations at reservoirs and tanks, suction side of pump stations, etc.

Fire flow simulations were then completed on a system-wide basis for every junction node in the hydraulic model. The results are presented in tabular form in Appendix A and B. Appendix A contains a table of all junction nodes with fire flows ranging from 0 gpm (i.e. those nodes with static pressures less than 20 psi and for which no fire flow could be calculated) to 999 gpm in ascending order. The table identifies the label for the junction node, which corresponds to the location on the model node and pipeline plan, the calculated available fire flow and corresponding residual pressure at the flow location and the calculated minimum zone pressure with identifying junction node number.

Appendix B contains a table of all junction nodes with fire flows ranging from 1,000 gpm up to a maximum of 3,500 gpm in ascending order. Similar to Appendix A, this table identifies the label for the junction node, which corresponds to the location on the model node and pipeline plan, the calculated available fire flow and corresponding residual pressure at the flow location, the calculated minimum zone pressure with identifying junction node number and the street/location of the junction node at which the fire flow rate was simulated.



When reviewing results data in Appendix A and B, it is important to consider the manner in which the hydraulic model software computes the available fire flow rate. The model will compute the available fire flow rate at a particular junction node and terminate the analysis when one of two conditions occurs. These conditions include either the residual pressure at the flow location is calculated down to 20 psi or the residual pressure at any junction node within the system is calculated down to 0 psi. In the case where any fire flow simulation indicates that the 0 psi system wide residual pressure was achieved, the pressure at the fire flow location was not driven down to 20 psi. If an analysis for any junction node was terminated before the pressure at the fire flow location was driven down to 20 psi then additional fire flow would be available at the particular junction node if the location of the 0 psi junction node was in the future corrected (i.e. increase the pressure at this node).

It is critical when reviewing results data of available fire flows to consider this possibility. If for example this junction node that was solved at 0 psi in the model were to be re-serviced, then the fire flow at that particular junction node would need to be recalculated. The analysis would then be performed until the model simulation solved the pressure at the flow location down to 20 psi or another location (junction node) in the system was solved down to 0 psi.

### **2.3 Available Fire Flow Results and Mapping**

To assist in locating specific areas of calculated available fire flow rates on a system wide basis, the model node and pipeline plan was utilized. Fire flow rates from the junction nodes were categorized into the ranges, were color coded and mapped on the node and pipeline plan. As a means to compare available fire flow rates to conditions in the system, which could adversely affect fire flows two additional maps were prepared. These included a color-coded map of all pipelines in the system which are 6 inches in diameter and smaller and a contour map of previously determined (reference TM 4A) serviceable elevations in the Low and High Service Gradients.

The pipeline diameter and contour maps are presented on the same map as the available fire flow map for purpose of comparison. The intent is to permit a comparison of areas within the system that contain pipelines less than 6 inches in diameter with areas in the system with available fire flows of less than 1,000 gpm. If a particular area has a calculated fire flow of less than 1,000 gpm, the pipeline diameter map can be used to indicate if this same area also has pipelines that are less than 6 inches in diameter. Generally, pipelines that are 6 inches in diameter and less are inadequate in capacity to support fire flows of 1,000 gpm or higher and could in part be contributing to a "low" calculated fire flow at this particular area. This map is provided as Attachment No. 2.

Similarly, a contour map of the entire distribution system was presented on the same sheet as the available fire flow map for purpose of comparison. The contour map depicts those areas in the Low and High Service Gradients that are above the "serviceable" elevations. The serviceable elevation for the Low Service was determined to be 244 feet and as such the contour map depicts those areas in the service area above 244 feet. The serviceable elevation for the High Service was determined to be 405 feet and as such the contour map depicts those areas in the service area above 405 feet. The intent is to permit a comparison of areas within the system that are above the serviceable elevations with areas in the system with available fire flows of less than 1,000 gpm. If a particular area has a calculated fire flow of less than 1,000 gpm, the contour map can be used to indicate if this same area also has high elevations, which may have low pressures. High service elevations could in part be contributing to a "low" calculated fire flow at this particular area. This map is provided as Attachment No. 3.

The identification on the available fire flow maps included color-coding the pipe segments on which the particular junction nodes were located. If two adjoining junction nodes on a pipe segment had different

ranges for fire flow rates, the lesser fire flow rate was utilized to identify the pipe segment. The following provides the ranges of fire flow rates that were identified on the plan.

<u>Fire Flow Rates</u>	<u>Mapped Color Code</u>
0 gpm – 499 gpm	Green
500 gpm – 649 gpm	Cyan
750 gpm – 999 gpm	Purple
1,000 gpm – 3500 gpm	Black

The locations within the distribution system that exhibited the lowest fire flow rates (i.e. less than 1,000 gpm) were located within the Low Service Gradient and in the older developed sections of West Warwick and Coventry. The map in Attachment No. 2, which depicts fire flow rates compared to pipelines that are under 6 inches in diameter, indicates that a large majority of the fire flow rates under 1,000 gpm are within those areas that have pipelines under 6 inches in diameter.

The map in Attachment No. 3 which depicts contours above the serviceable elevations of 244 feet and 405 feet respectively indicates that these areas typically have fire flow rates under 1,000 gpm. Additionally, there are a number of locations within the Low Service Gradient portion of the distribution system with available fire flows less than 1,000 gpm that have both pipelines under 6 inches in diameter and are above the serviceable elevation of 244 feet.

### **3.0 Summary**

The intent of this evaluation was to utilize the existing computer hydraulic model to calculate available fire flow rates throughout the entire water distribution system. The results were then tabulated and provided on a color-coded map.

The map provides a general indication as to the available fire flow rates within the system under the conditions as described herein. The use of the information presented on this map should be prefaced within the context of the assumptions and “boundary” conditions, which were utilized to perform these model evaluations. It is critical to note the following:

- Fire flow calculations were performed under a maximum day demand condition. Fire flow rates will vary under other demand conditions (i.e. average day and peak hour).
- The fire flow calculations were performed individually at each location. The calculated fire flows are representative of the available capacity in the water main at this particular location and do not represent that this fire flow is directly available from a single hydrant assembly or hose connection. These fire flow rates are exclusive in that each represents an available fire flow rate at a specific location. In other words, the individual results calculated for each junction node cannot be combined to represent total available fire flow.
- The calculation of fire flow rates was premised on maintaining a residual pressure of 20 psi at the flow location and a minimum system wide residual pressure of 0 psi. Commonly, fire flow results are calculated with a minimum 20 psi system wide residual pressure however the Authority has areas within the system with static pressures that are less than 20 psi. These areas were identified in the text of this evaluation. It was therefore necessary to set the boundary condition for system wide residual pressure at 0 psi.
- In certain instances, the residual pressure at the flow locations was not driven down to 20 psi as another location in the distribution system was calculated to have a pressure of 0 psi. In the event that location of the residual system pressure was calculated to 0 psi is also a location of substandard

pressure, which in the future if corrected, then the available fire flow at the flow location could be calculated at a higher rate.

- Fire flow rates were calculated for all junction nodes and water main sections in the system. The results map does not imply that a particular water main has fire hydrants or is used for fire fighting purposes. For example, small diameter service mains (i.e. 1 and 2 inch) will likely not have hydrants however fire flow rates were calculated for these mains. When reviewing results for a particular location additional information such as the location and number of hydrants should also be considered.
- Fire flow results should also be viewed in the context of pipeline size (those mains less than 6 inches in diameter) and elevation (areas in the system over defined serviceable elevations) as provided on the mapping in Attachment No. 2 and 3.

## Appendix A

Available Fire Flow by Junction Node (0 gpm – 999 gpm)

Kent County Water Authority  
Available Fire Flows

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction	Street/Location
J-1112	500	0	503.13	3.13	18.78	2.34	J-8222	East Greenwich Ave.
J-1115	500	0	503.13	3.13	18.66	2.34	J-8222	East Greenwich Ave.
J-1118	500	0	503.13	3.13	16.3	2.34	J-8222	East Greenwich Ave.
J-381	500	0	503.13	3.13	12.01	2.34	J-8222	Cowesett Rd.
J-4140	500	0	503.61	3.61	18.22	2.34	J-8222	Signal Ridge Way
J-4640	500	0	502.27	2.27	14.51	2.34	J-8222	EG Medical Center Domestic Line
J-4641	500	0	502.27	2.27	12.78	2.34	J-8222	EG Medical Center Domestic Line
J-6076	500	0	500	0	18.17	7.34	J-8307	Clinton Ave. HS PS Suction
J-6078	500	0	500	0	18.17	7.34	J-8307	Clinton Ave. HS PS Suction
J-7041	500	0	502.49	2.49	18.19	2.34	J-8222	Nooseneck Hill Rd.
J-7334	500	0	500	0	19.87	2.34	J-8222	Mishnock Well Field
J-7335	500	0	500	0	19.87	2.34	J-8222	Mishnock Well Field
J-7336	500	0	500	0	19.87	2.34	J-8222	Mishnock Well Field
J-7337	500	0	500	0	19.87	2.34	J-8222	Mishnock Well Field
J-7338	500	0	502.49	2.49	19.87	2.34	J-8222	Mishnock Well Field
J-7339	500	0	502.49	2.49	19.87	2.34	J-8222	Mishnock Well Field
J-7340	500	0	502.49	2.49	19.87	2.34	J-8222	Nooseneck Hill Rd.
J-7341	500	0	502.49	2.49	19.43	2.34	J-8222	Linda Ct. (Private)
J-7346	500	0	502.49	2.49	19.88	2.34	J-8222	Nooseneck Hill Rd.
J-7347	500	0	502.49	2.49	19.88	2.34	J-8222	Comfort Way (Private)
J-7350	500	0	502.49	2.49	11.26	2.34	J-8222	Lane A (Private)
J-7351	500	0	502.49	2.49	11.26	2.34	J-8222	Lane A (Private)
J-7352	500	0	502.49	2.49	11.69	2.34	J-8222	Lane A (Private)
J-7353	500	0	502.49	2.49	17.32	2.34	J-8222	Lane A (Private)
J-7354	500	0	502.49	2.49	4.77	2.34	J-8222	Lane A (Private)
J-7355	500	0	502.49	2.49	6.07	2.34	J-8222	Lane A (Private)
J-7356	500	0	502.49	2.49	8.23	2.34	J-8222	Lane A (Private)
J-7357	500	0	502.49	2.49	6.5	2.34	J-8222	Lane C (Private)
J-7358	500	0	502.49	2.49	12.13	2.34	J-8222	Lane C (Private)
J-7359	500	0	502.49	2.49	9.1	2.34	J-8222	Lane D (Private)
J-7360	500	0	502.49	2.49	13.86	2.34	J-8222	Lane A (Private)
J-7361	500	0	502.49	2.49	11.69	2.34	J-8222	Lane E (Private)
J-7395	500	0	502.49	2.49	15.69	2.34	J-8222	Hopkins Hill Rd.
J-7396	500	0	502.49	2.49	16.96	2.34	J-8222	Johnson Blvd.
J-7397	500	0	502.49	2.49	19.55	2.34	J-8222	Rosemary St.
J-7417	500	0	502.49	2.49	15.25	2.34	J-8222	Robbins Dr.
J-7418	500	0	502.49	2.49	13.95	2.34	J-8222	Robbins Dr.
J-7419	500	0	502.49	2.49	19.58	2.34	J-8222	Lowell St.
J-7423	500	0	502.49	2.49	21.17	2.34	J-8222	Barber St.
J-7433	500	0	502.49	2.49	19.4	2.34	J-8222	Sunapee Ct.
J-7445	500	0	502.49	2.49	17.94	2.34	J-8222	Prospect Ave.
J-7485	500	0	502.49	2.49	16.06	2.34	J-8222	Sand St.
J-7487	500	0	502.49	2.49	10.87	2.34	J-8222	Overview Dr.
J-7488	500	0	502.49	2.49	10.87	2.34	J-8222	Overview Dr.
J-7489	500	0	502.49	2.49	10.87	2.34	J-8222	Oak Rd.
J-7490	500	0	502.49	2.49	10.87	2.34	J-8222	Pine Ave.
J-7495	500	0	502.49	2.49	19.24	2.34	J-8222	Haywood Rd.
J-7496	500	0	502.49	2.49	19.7	2.34	J-8222	Coventry Dr.
J-7498	500	0	502.49	2.49	17.4	2.34	J-8222	Ada Ct.
J-7506	500	0	502.49	2.49	17.51	2.34	J-8222	Coventry Dr.
J-7509	500	0	502.49	2.49	17.62	2.34	J-8222	Coventry Dr.
J-7510	500	0	502.49	2.49	19.69	2.34	J-8222	Angelwood Dr.
J-7513	500	0	502.49	2.49	16.62	2.34	J-8222	York Dr.
J-7514	500	0	502.49	2.49	17.14	2.34	J-8222	Johnson Blvd.
J-7515	500	0	502.49	2.49	18.44	2.34	J-8222	West Lake Dr.
J-7516	500	0	502.49	2.49	13.32	2.34	J-8222	Johnson Blvd.
J-7517	500	0	502.49	2.49	13.32	2.34	J-8222	Ledo St.
J-7518	500	0	502.49	2.49	12.07	2.34	J-8222	Johnson Blvd.
J-7519	500	0	502.49	2.49	9.04	2.34	J-8222	Majorie St.
J-7520	500	0	502.49	2.49	18.13	2.34	J-8222	Majorie St.
J-7521	500	0	502.49	2.49	18.12	2.34	J-8222	Carolyn St.
J-7522	500	0	502.49	2.49	7.31	2.34	J-8222	Nancy St.
J-7523	500	0	502.49	2.49	7.31	2.34	J-8222	Nancy St.
J-7524	500	0	500	0	11.51	2.34	J-8222	Johnson Blvd. PS Suction
J-7525	500	0	502.49	2.49	12.09	2.34	J-8222	Johnson Blvd. PS Suction
J-7526	500	0	502.49	2.49	16.37	2.34	J-8222	Johnson Blvd. PS Suction

Kent County Water Authority  
Available Fire Flows

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction	Street/Location
J-7527	500	0	502.49	2.49	18.98	2.34	J-8222	Johnson Blvd. PS Suction
J-7529	500	0	502.49	2.49	16.28	2.34	J-8222	Johnson Blvd.
J-7530	500	0	502.49	2.49	18.16	2.34	J-8222	Johnson Blvd.
J-7533	500	0	502.49	2.49	19.99	2.34	J-8222	Johnson Blvd.
J-7543	500	0	502.49	2.49	16.3	2.34	J-8222	Beach St.
J-7544	500	0	502.49	2.49	18.82	2.34	J-8222	West Shore Dr.
J-7546	500	0	502.49	2.49	17.6	2.34	J-8222	Vale St.
J-7547	500	0	502.49	2.49	18.47	2.34	J-8222	Arnold Rd.
J-7548	500	0	502.49	2.49	7.63	2.34	J-8222	Quiet Ave.
J-7549	500	0	502.49	2.49	6.76	2.34	J-8222	Quiet Ave.
J-7549	500	0	502.49	2.49	6.76	2.34	J-8222	Cape Way
J-7550	500	0	502.49	2.49	10.66	2.34	J-8222	Beechwood St.
J-7551	500	0	502.49	2.49	16.46	2.34	J-8222	Lydia Rd.
J-7552	500	0	502.49	2.49	16.46	2.34	J-8222	Lydia Rd.
J-7553	500	0	502.49	2.49	16.46	2.34	J-8222	Cove Rd.
J-7554	500	0	502.49	2.49	16.46	2.34	J-8222	Cove Rd.
J-7555	500	0	502.49	2.49	3.09	2.34	J-8222	Lydia Rd.
J-7556	500	0	502.49	2.49	7.22	2.34	J-8222	Vera Rd.
J-7557	500	0	502.49	2.49	6.4	2.34	J-8222	Grant Dr.
J-7558	500	0	502.49	2.49	3.02	2.34	J-8222	Lydia Rd.
J-7558	500	0	502.49	2.49	2.99	2.34	J-8222	Lydia Rd.
J-7559	500	0	502.49	2.49	3.37	2.34	J-8222	Tulip Rd.
J-7560	500	0	502.49	2.49	2.97	2.34	J-8222	Lydia Rd.
J-7561	500	0	502.49	2.49	2.97	2.34	J-8222	Jade Rd.
J-7562	500	0	502.49	2.49	2.97	2.34	J-8222	Jade Rd.
J-7563	500	0	502.49	2.49	2.97	2.34	J-8222	Jade Rd.
J-7564	500	0	502.49	2.49	3.35	2.34	J-8222	Myra Rd.
J-7564	500	0	502.49	2.49	19.9	2.34	J-8222	Reno Ct.
J-7566	500	0	502.49	2.49	16.75	2.34	J-8222	Arnold Rd.
J-7568	500	0	502.49	2.49	16.75	2.34	J-8222	Arnold Rd.
J-7570	500	0	502.49	2.49	16.74	2.34	J-8222	Arnold Rd.
J-7571	500	0	502.49	2.49	18.04	2.34	J-8222	Arnold Rd.
J-7573	500	0	502.49	2.49	15.45	2.34	J-8222	Arnold Rd.
J-7575	500	0	502.49	2.49	18.9	2.34	J-8222	Arnold Rd.
J-7576	500	0	502.49	2.49	11.98	2.34	J-8222	Larch Dr.
J-7584	500	0	502.49	2.49	16.74	2.34	J-8222	Arnold Rd.
J-7585	500	0	502.49	2.49	4.63	2.34	J-8222	Crestwood Rd.
J-7588	500	0	502.49	2.49	11.7	2.34	J-8222	Arnold Rd.
J-7591	500	0	502.49	2.49	18.68	2.34	J-8222	Tiogoue Ave.
J-7616	500	0	502.49	2.49	12.62	2.34	J-8222	Tiogoue Ave.
J-7617	500	0	502.49	2.49	16.08	2.34	J-8222	Jennifer Ln.
J-7619	500	0	502.49	2.49	17.88	2.34	J-8222	Jennifer Ln.
J-7718	500	0	502.49	2.49	11.25	2.34	J-8222	Knotty Oak Rd.
J-8038	500	0	500	0	11.1	2.34	J-8222	Johnson Blvd. PS Suction
J-8040	500	0	500	0	11.1	2.34	J-8222	Johnson Blvd. PS Suction
J-8042	500	0	500	0	19.87	2.34	J-8222	Johnson Blvd. PS Suction
J-8052	500	0	500	0	19.87	2.34	J-8222	Mishnock Well Field
J-8053	500	0	500	0	10.87	2.34	J-8222	Mishnock Well Field
J-8081	500	0	502.49	2.49	7.63	2.34	J-8222	Ridge Ave.
J-8083	500	0	502.49	2.49	17.6	2.34	J-8222	Powhatan Ave.
J-8084	500	0	502.49	2.49	18.47	2.34	J-8222	Powhatan Ave.
J-8085	500	0	502.49	2.49	19.24	2.34	J-8222	Arnold Rd.
J-8088	500	0	502.49	2.49	19.35	2.34	J-8222	Arnold Rd.
J-8096	500	0	502.49	2.49	19.88	2.34	J-8222	Haywood Rd.
J-8142	500	0	530.65	30.65	2.34	2.34	J-8222	Maple Root Rd.
J-8143	500	0	528.78	28.78	2.34	2.34	J-8222	Nooseneck Hill Rd.
J-8222	500	0	500	0	9.96	2.97	J-7563	Tiogoue Ave.
J-8306	500	0	500	0	7.34	2.34	J-8222	Nooseneck Hill Rd.
J-8307	500	0	500	0	18.21	18.17	J-6076	Read School House Rd.
J-983	500	0	500	0	20.24	2.34	J-8222	Flanders Ln.
J-7422	500	0.49	502.49	2.98	29.8	2.34	J-8222	Carr's Tr.
J-1000	500	1.46	503.13	4.6	20.53	2.34	J-8222	Sisson St.
J-8082	500	2.14	502.49	4.63	27.97	2.33	J-8222	Beach St.
J-814	500	2.44	503.13	5.58	28.23	2.34	J-8222	Cross St.
J-816	500	2.44	503.13	5.58	21.81	2.34	J-8222	Elm St.
J-879	500	2.92	503.13	6.05	21.81	2.34	J-8222	Hall St.
J-880	500	2.92	503.13	6.05	28.13	2.34	J-8222	Hall St.
J-643	500	2.93	503.13	6.06	20.77	2.34	J-8222	Kenyon St.
J-7456	500	3.35	502.49	5.84		2.32	J-8222	Williams St.

Kent County Water Authority  
Available Fire Flows

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J-7481	500	3.39	502.49	5.89	21.42	2.32	J-8222	Lakeside Dr.
J-7808	500	3.91	502.49	6.4	20.18	2.34	J-8222	Morin Ave.
J-7545	500	3.99	502.49	6.49	20.2	2.32	J-8222	Vale St.
J-613	500	4.39	503.13	7.53	20.74	2.34	J-8222	Valley View Dr.
J-7476	500	4.47	502.49	6.96	20.12	2.31	J-8222	Idaho St.
J-7421	500	4.8	502.49	7.3	20.56	2.31	J-8222	Barber St.
J-7477	500	5.04	502.49	7.53	20.13	2.31	J-8222	Colorado St.
J-7452	500	5.39	502.49	7.88	20.82	2.31	J-8222	Williams St.
J-7431	500	5.89	502.49	8.38	20.44	2.31	J-8222	Stone St.
J-7492	500	5.9	502.49	8.39	20	2.3	J-8222	Larchmont Dr.
J-7479	500	6.02	502.49	8.51	20.23	2.3	J-8222	Idaho St.
J-8102	500	6.84	502.49	9.34	20.21	2.3	J-8222	Lambert St.
J-7582	500	7.61	502.49	10.1	20.17	2.3	J-8222	Harrington Rd.
J-178	500	7.81	503.13	10.95	22.46	46.72	J-166	Overhill Dr.
J-656	500	7.81	503.13	10.95	20.57	2.34	J-8222	Greene St.
J-7583	500	8.54	502.49	11.03	20.17	2.29	J-8222	Harrington Rd.
J-7494	500	9.19	502.49	11.68	20.01	2.28	J-8222	Larchmont Dr.
J-440	500	9.21	503.13	12.34	20.01	2.31	J-8222	Berkeley St.
J-2266	500	9.83	503.59	13.42	22.34	26.81	J-2508	Stiness Dr.
J-2287	500	9.85	503.59	13.44	21.46	26.81	J-2508	Joyce Glen
J-7478	500	9.92	502.49	12.41	20.22	2.27	J-8222	Arizona St.
J-2163	500	10.27	503.59	13.86	20.37	2.32	J-8222	Hedgerow Dr.
J-7450	500	10.42	502.49	12.91	20.65	2.27	J-8222	Rathbun St.
J-586	500	10.46	503.13	13.6	22.7	2.34	J-8222	Hebert St.
J-476	500	12.02	503.13	15.16	23.2	2.33	J-8222	Arthur St.
J-8067	500	12.02	502.49	14.51	20.92	2.33	J-8222	Edward St.
J-854	500	12.25	503.13	15.38	24.86	2.33	J-8222	Youngs Ave.
J-7883	500	12.55	502.49	15.04	21.14	2.33	J-8222	Hope View St.
J-5117	500	12.7	503.01	15.71	21.56	38.51	J-5121	Hope Rd.
J-7432	500	13.15	502.49	15.65	20.01	2.26	J-8222	Sunapee Ct.
J-5127	500	13.97	503.01	16.98	22.07	46.76	J-166	Allard St.
J-5120	500	14.65	503.01	17.66	22.97	6.09	J-5117	Hope Rd.
J-5121	500	14.65	503.01	17.66	22.9	6.02	J-5117	Hope Rd.
J-7587	500	15.92	502.49	18.41	20	2.25	J-8222	South Glen Dr.
J-7853	500	16.3	502.49	18.79	21.33	2.33	J-8222	Bassett St.
J-2258	500	16.47	503.59	20.06	21.73	26.81	J-2508	Bay Vista Pl.
J-7473	500	16.52	502.49	19.02	20.31	2.23	J-8222	Alaska St.
J-443	500	16.68	503.13	19.81	22.56	2.33	J-8222	Winthrop Ave.
J-7480	500	17.03	502.49	19.53	20.16	2.23	J-8222	Lakeside Dr.
J-7472	500	17.49	502.49	19.98	20.44	2.22	J-8222	Montana Ave.
J-552	500	17.64	503.13	20.77	22.13	2.33	J-8222	Roosevelt St.
J-618	500	17.76	503.13	20.9	21.41	2.33	J-8222	Guertin St.
J-5071	500	18.11	503.01	21.12	22.32	46.68	J-166	Gaunt Dr.
J-7567	500	18.68	502.49	21.17	20.01	2.23	J-8222	Arnold Rd.
J-2453	500	19.29	503.59	22.88	23.01	26.81	J-2508	Quinlan Ct.
J-629	500	19.29	503.13	22.43	20.33	2.33	J-8222	Hebert St.
J-7344	500	19.61	502.49	22.1	20	2.21	J-8222	Steere Ln.
J-2455	500	19.65	503.59	23.24	23.05	26.81	J-2508	Ironwood Ct.
J-7860	500	19.85	502.49	22.34	21.78	2.33	J-8222	Bennett St.
J-610	500	19.88	503.13	23.01	21.65	2.33	J-8222	Middle St.
J-321	500	20.06	503.13	23.19	20.93	2.31	J-8222	Lenox Ave.
J-7471	500	20.25	502.49	22.74	20.19	2.2	J-8222	Montana Ave.
J-894	500	21.5	503.13	24.63	21.36	2.32	J-8222	Nestor St.
J-1144	500	21.97	503.13	25.11	21.43	2.32	J-8222	Pearson St.
J-201	500	22.19	503.13	25.32	24.09	2.32	J-8222	Sheldon St.
J-576	500	22.98	503.13	26.11	22	2.33	J-8222	Lemoine Ct.
J-446	500	23.07	503.13	26.21	22.53	2.32	J-8222	Standard Ave.
J-7922	500	23.41	502.49	25.9	22.5	2.32	J-8222	Notre Dame St.
J-2542	500	24.5	503.59	28.09	23.88	26.8	J-2508	Post Rd.
J-7565	500	25.42	502.49	27.91	20	2.19	J-8222	Holmes Rd.
J-1086	500	25.95	503.13	29.09	20	2.31	J-8222	Greenbush Rd.
J-1147	500	26.42	503.13	29.56	20.05	2.32	J-8222	Capron St.
J-2294	500	26.66	503.59	30.25	21.45	26.8	J-2508	Chevy Ct.
J-771	500	27.07	503.13	30.2	23.43	2.32	J-8222	Angell St.
J-7470	500	28.14	502.49	30.63	20.15	2.15	J-8222	Montana Ave.
J-835	500	28.83	503.13	31.96	21.54	2.32	J-8222	Dinsdale Ct.

Kent County Water Authority  
Available Fire Flows

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J-290	500	29.61	503.13	32.74	20.58	2.31	J-8222	Gerald St.
J-7434	500	29.84	502.49	32.33	20	2.16	J-8222	Sunapee Ct.
J-7844	500	30	502.49	32.49	20.27	2.31	J-8222	Bates Ave.
J-8068	500	30.31	502.49	32.81	20.11	2.29	J-8222	Edward St.
J-8080	500	30.92	502.49	33.41	20.08	2.13	J-8222	Hazel St.
J-901	500	31.61	503.13	34.74	20.02	2.3	J-8222	Spring St.
J-467	500	32.33	503.13	35.47	21.25	2.31	J-8222	Leeder St.
J-902	500	34.09	503.13	37.23	20.02	2.3	J-8222	Spring St.
J-2378	500	34.9	503.59	38.49	22.18	26.8	J-2508	Hebert St.
J-1149	500	35.66	503.13	38.8	20.02	2.32	J-8222	Baker St.
J-7511	500	38.19	502.49	40.68	20	2.09	J-8222	Angelwood Dr.
J-338	500	38.3	503.13	41.44	20.67	2.25	J-8222	Davis St.
J-878	500	43.61	503.13	46.74	20.39	2.31	J-8222	Kenmore St.
J-7847	500	44.47	502.49	46.97	20.57	2.31	J-8222	Ann Ct.
J-2450	500	46.16	503.59	49.75	21.54	26.8	J-2508	Thames Ave.
J-1019	500	47.08	503.13	50.22	21.28	2.3	J-8222	Terrace Ave.
J-7577	500	51.47	502.49	53.96	20.01	2.03	J-8222	Balsam Dr.
J-7711	500	51.99	502.49	54.48	21.62	7.34	J-8307	Meeting St.
J-7390	500	56.98	502.49	59.47	20.01	1.96	J-8222	Hopkins Hill Rd.
J-340	500	69.72	503.13	72.85	20.01	2.2	J-8222	Miami St.
J-7392	500	72.48	502.49	74.97	20	1.86	J-8222	Hopkins Hill Rd.
J-7391	500	72.5	502.49	74.99	20	1.86	J-8222	Hopkins Hill Rd.
J-960	500	73.1	503.13	76.24	20.02	2.21	J-8222	New London Tpk.
J-7343	500	74.39	502.49	76.88	20	1.82	J-8222	Steere Ln.
J-7342	500	78.43	502.49	80.92	20	1.79	J-8222	Steere Ln.
J-7578	500	80.03	502.49	82.52	20	1.85	J-8222	Balsam Dr.
J-886	500	89.56	503.13	92.7	20.24	2.22	J-8222	Church St.
J-1146	500	90.51	503.13	93.64	20.27	2.25	J-8222	Capron St.
J-909	500	90.78	503.13	93.91	20.29	2.23	J-8222	Church St.
J-585	500	92.11	503.13	95.24	20.36	2.29	J-8222	Plante St.
J-562	500	97	503.13	100.13	20.5	2.27	J-8222	Noian St.
J-8126	500	99.45	502.49	101.94	20	1.84	J-8222	Nooseneck Hill Rd.
J-907	500	99.84	503.13	102.98	20.16	2.21	J-8222	Orchard St.
J-7348	500	100.05	502.49	102.54	20	1.83	J-8222	Nooseneck Hill Rd.
J-906	500	100.19	503.13	103.32	20.16	2.21	J-8222	Orchard St.
J-905	500	100.68	503.13	103.82	20.16	2.21	J-8222	Orchard St.
J-893	500	101.12	503.13	104.25	20.33	2.21	J-8222	Nestor St.
J-904	500	101.24	503.13	104.38	20.16	2.21	J-8222	Fairmont St.
J-924	500	101.32	503.13	104.45	20.19	2.22	J-8222	Manchester St.
J-4318	500	102.8	503.61	106.41	20.01	26.77	J-2508	Greenwich Blvd.
J-5024	500	103.07	503.01	106.08	20.04	18.04	J-5127	Allard St.
J-439	500	104.02	503.13	107.15	20	1.93	J-8222	Cowesett Rd.
J-1148	500	108.48	503.13	111.61	20.1	2.26	J-8222	Baker St.
J-1084	500	110.14	503.13	113.27	20.26	2.23	J-8222	Capron St.
J-923	500	115.72	503.13	118.86	20.23	2.21	J-8222	Manchester St.
J-7416	500	116.29	502.49	118.79	20.01	1.52	J-8222	Lowell St.
J-4442	500	118.54	503.61	122.15	20.04	26.77	J-2508	Division St.
J-7512	500	123.39	502.49	125.88	20	1.5	J-8222	Lawnwood Rd.
J-925	500	124.54	503.13	127.68	20.18	2.2	J-8222	Hepburn St.
J-558	500	127.71	503.13	130.84	20.09	2.25	J-8222	Baker St.
J-908	500	127.86	503.13	130.99	20.27	2.18	J-8222	Tilton St.
J-7500	500	129.76	502.49	132.25	20	1.44	J-8222	Audrey Ct.
J-4542	500	132.73	503.61	136.34	20.37	26.76	J-2508	Upland Ave.
J-5122	500	132.96	500	132.96	20.22	2.2	J-8222	Hope Rd.
J-459	500	135.46	503.13	138.59	20.19	2.2	J-8222	Webster St.
J-7839	500	136.53	502.49	139.02	20.01	2.21	J-8222	South St.
J-7528	500	138.34	502.49	140.83	20	1.49	J-8222	Johnson Blvd. PS Suction
J-325	500	138.97	503.13	142.1	20.07	2.1	J-8222	Lenox Ave.
J-7534	500	141.45	502.49	143.94	20	1.47	J-8222	Johnson Blvd.
J-337	500	142.76	503.13	145.9	20.05	2	J-8222	Davis St.
J-842	500	144.44	503.13	147.58	20	2.23	J-8222	Ellison St.
J-887	500	145.13	503.13	148.27	20.12	0.65	J-886	Cowesett Rd.
J-5116	500	148.58	503.01	151.57	20.14	2.19	J-8222	Hope Rd.
J-539	500	148.78	503.13	151.92	20.02	2.18	J-8222	Riverdale Ave.
J-867	500	150.47	503.13	153.6	20.02	2.23	J-8222	McElroy St.
J-7446	500	151.32	502.49	153.82	20	1.28	J-8222	Woodland Ave.



Kent County Water Authority  
Available Fire Flows

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J-1160	500	152.46	503.13	155.59	20.01	1.9	J-8222	Grant St.
J-7569	500	160.18	502.49	162.68	20.01	1.31	J-7563	West Shore Dr.
J-903	500	160.6	503.13	163.73	20.22	2.13	J-8222	Church St.
J-8103	500	160.85	502.49	163.34	20.04	1.32	J-8222	Stone St.
J-324	500	162.81	503.13	165.95	20.05	2.06	J-8222	Lenox Ave.
J-7542	500	163.53	502.49	166.03	20.01	1.29	J-7563	Dixie Rd.
J-922	500	164.1	503.13	167.23	20.19	2.15	J-8222	Hepburn St.
J-7448	500	167.8	502.49	170.29	20.02	1.16	J-8222	Wildwood St.
J-7505	500	168.76	502.49	171.26	20	1.16	J-8222	Morris St.
J-538	500	169.42	503.13	172.56	20.02	2.15	J-8222	Riverdale Ave.
J-7858	500	172.23	502.49	174.72	20.01	2.21	J-8222	Bates Ave.
J-7499	500	174.33	502.49	176.83	20	1.12	J-8222	Coventry Dr.
J-2307	500	174.34	503.59	177.93	20.01	26.71	J-2508	North Marlborough St.
J-7540	500	176.91	502.49	179.4	20	1.19	J-8222	Twin Lakes Ave.
J-7579	500	177.85	502.49	180.34	20.01	1.12	J-7563	Harrington Rd.
J-670	500	178.62	503.13	181.75	20.02	2.19	J-8222	Flynn Ter.
J-7447	500	178.65	502.49	181.14	20.02	1.09	J-8222	Woodland Ave.
J-1079	500	179.15	503.13	182.29	20	2.2	J-8222	Vine St.
J-7586	500	179.23	502.49	181.72	20.02	1.1	J-7563	North Glen Dr.
J-7507	500	179.24	502.49	181.73	20	1.08	J-8222	Lionel Ave.
J-7941	500	181.73	502.49	184.23	20.01	2.13	J-8222	Pierce St.
J-7497	500	184.14	502.49	186.64	20	1.07	J-8222	Coventry Dr.
J-7504	500	185.13	502.49	187.62	20	1.04	J-8222	Charlotte St.
J-4317	500	185.74	503.61	189.35	20.01	21.66	J-4318	Greenwich Blvd.
J-7398	500	186.69	502.49	189.18	20	1.07	J-8222	Angelwood Dr.
J-669	500	186.72	503.13	189.85	20.02	2.18	J-8222	Flynn Ter.
J-2326	500	187.04	503.59	190.63	20.01	1.85	J-8222	Martingale Dr.
J-8086	500	188.57	502.49	191.06	20	1.02	J-7563	Forest St.
J-8087	500	189.31	502.49	191.8	20	1.01	J-7563	Forest St.
J-7581	500	191.06	502.49	193.55	20	0.98	J-7563	View Rd.
J-100	500	192.39	503.13	195.53	20	1.51	J-8222	Cowesett Rd.
J-7508	500	196.6	502.49	199.09	20	0.96	J-8222	Coventry Dr.
J-8099	500	197.24	502.49	199.74	20.03	0.95	J-8222	Prospect Ave.
J-7574	500	197.33	502.49	199.83	20	0.92	J-7563	Briar Point Ave.
J-654	500	200.69	503.13	203.82	20.02	2.16	J-8222	Greene St.
J-792	500	200.87	503.13	204	20.04	2.18	J-8222	Phenix Ave.
J-7572	500	201.86	502.49	204.35	20	0.87	J-7563	Florida Ave.
J-7430	500	202.05	502.49	204.54	20.04	1.06	J-8222	Stone St.
J-7503	500	208.04	502.49	210.53	20	0.87	J-8222	Lionel Ave.
J-7399	500	208.8	502.49	211.29	20	0.91	J-8222	Lawnwood Rd.
J-541	500	211.93	503.13	215.07	20.04	2.1	J-8222	Eddy St.
J-7697	500	213.65	502.49	216.15	20	1.79	J-8222	Mapledale St.
J-7580	500	213.93	502.49	216.42	20	0.74	J-7563	Larch Dr.
J-2511	500	213.97	503.59	217.56	20.04	1.95	J-8222	Meadow St.
J-7420	500	216.23	502.49	218.72	20.01	0.8	J-8222	Barber St.
J-2306	500	219.97	503.59	223.56	20.01	22.58	J-2307	Ladd St.
J-872	500	224.98	503.13	228.11	20.01	2.17	J-8222	Coutu Ct.
J-790	500	232.16	503.13	235.3	20.03	2.16	J-8222	Melrose St.
J-4634	500	236.65	500	236.65	22.07	0	J-4641	EG Medical Center Domestic Line
J-866	500	237.18	503.13	240.31	20.02	2.17	J-8222	McElroy St.
J-7426	500	239.24	502.49	241.73	20	0.63	J-8222	Hopkins Hill Rd.
J-213	500	239.49	503.13	242.62	20.1	2.2	J-8222	Wilson St.
J-7712	500	244.26	502.49	246.75	20	1.66	J-8222	Foster Dr. (Private)
J-985	500	244.8	503.13	247.93	20	2.13	J-8222	Colvin St.
J-8101	500	245.82	502.49	248.31	20.01	0.7	J-8222	Homestead Dr.
J-7406	500	248.14	500	248.14	20	0.57	J-8222	Coventry/Spring Lake Well Field
J-7942	500	254.21	502.49	256.71	20.01	2.05	J-8222	Hill St.
J-7484	500	254.86	502.49	257.35	20	0.61	J-8222	Sand St.
J-262	500	255.7	503.13	258.83	20	2.05	J-8222	Tanglewood Dr.
J-900	500	264.75	503.13	267.89	20	1.98	J-8222	Spring St.
J-889	500	265.77	503.13	268.91	20	1.97	J-8222	Church St.
J-438	500	265.95	503.13	268.08	20.02	1.3	J-8222	Albion St.
J-651	500	265.97	503.13	269.1	20	2.13	J-8222	Greene St.
J-540	500	266.11	503.13	269.25	20.04	2.04	J-8222	Eddy St.
J-282	500	269.81	503.13	272.95	20.04	2.03	J-8222	First St.
J-442	500	272.79	503.13	275.93	20.02	1.28	J-8222	Ashton St.

Kent County Water Authority  
Available Fire Flows

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J-431	500	273	503.13	276.14	20	1.28	J-8222	Cowesett Rd.
J-868	500	274.36	503.13	277.49	20.02	2.14	J-8222	Bank St.
J-2328	500	275.14	503.59	278.73	20	1.62	J-8222	Martingale Dr.
J-339	500	275.58	503.13	278.71	20.02	1.78	J-8222	Tampa St.
J-7903	500	275.62	502.49	278.11	20.07	2.12	J-8222	Card St.
J-2123	500	276	503.59	279.58	20	1.71	J-8222	Red Chimney Dr.
J-8065	500	277.8	502.49	280.29	20.01	2.08	J-8222	Bates Ave.
J-7429	500	278.33	502.49	280.82	20	0.47	J-8222	Homestead Dr.
J-5129	500	279.01	503.01	282.02	20.04	2.05	J-8222	Hall Ave.
J-7400	500	279.09	502.49	281.58	20.01	0.41	J-8222	Hopkins Hill Rd.
J-554	500	279.43	503.13	282.56	20	2.12	J-8222	Mill St.
J-7902	500	280.45	502.49	282.94	20.07	2.12	J-8222	Card St.
J-5115	500	280.71	503.01	283.73	20.04	2.05	J-8222	Hall Ave.
J-7901	500	280.89	502.49	283.38	20.07	2.12	J-8222	Tobin St.
J-640	500	281.85	503.13	284.99	20.01	2.14	J-8222	Tobin St.
J-7618	500	282.5	502.49	284.99	39.02	0	J-8222	Patience Ln.
J-2200	500	282.76	503.59	286.35	20.03	1.7	J-8222	Hedgerow Dr.
J-791	500	282.78	503.13	285.91	20.02	2.12	J-8222	Phoenix Ave.
J-7620	500	282.83	502.49	285.32	36.63	0	J-8222	Sooner Ln.
J-7621	500	282.85	502.49	285.34	29.93	0	J-8222	Jennifer Ln.
J-7531	500	284.72	502.49	287.21	20.85	0	J-7563	Colonial Rd.
J-7532	500	285.31	502.49	287.8	20.88	0.01	J-7563	Colonial Rd.
J-437	500	286.61	503.13	289.75	20	1.22	J-8222	Albion St.
J-1140	500	287.34	503.13	290.47	20	1.94	J-8222	Pennsylvania Ave.
J-553	500	287.97	503.13	291.11	20	2.1	J-8222	Mill St.
J-2302	500	288.77	503.59	292.36	20	26.61	J-2502	Williams St.
J-898	500	289.14	503.13	292.27	20	1.94	J-8222	Pennsylvania Ave.
J-8100	500	292.63	502.49	295.12	20.02	0.26	J-8222	Prospect Ave.
J-299	500	294.4	503.13	297.53	20.03	1.97	J-8222	Ledgemont Ct.
J-7838	500	295.14	502.49	297.63	20	2.05	J-8222	South St.
J-888	500	296.28	503.13	299.41	20	1.92	J-8222	Church St.
J-918	500	297.05	503.13	300.19	20.04	1.93	J-8222	Hepburn St.
J-283	500	299.99	503.13	303.13	20.02	2	J-8222	First St.
J-7667	500	300.38	502.49	302.87	20	0.92	J-8222	Dexter St.
J-7590	500	301.03	502.49	303.52	30.01	0	J-8222	Tiogue Ave.
J-575	500	302.57	503.13	305.71	20	2.11	J-8222	Lemoine Ct.
J-7799	500	305.58	502.49	308.07	20.01	1.7	J-8222	Edward St.
J-4625	500	306.39	500	306.39	20	2.32	J-8222	Brooks Pharmacy Domestic Line
J-298	500	307.45	503.13	310.58	20.03	1.95	J-8222	Ledgemont Ct.
J-7623	500	307.92	502.49	310.41	39.37	0	J-8222	Gilles St.
J-7622	500	308.08	502.49	310.57	37.6	0	J-8222	Gilles St.
J-7798	500	309.09	502.49	311.58	20.01	1.7	J-8222	Edward St.
J-7624	500	310.47	502.49	312.96	37.61	0	J-8222	Tiogue Ave.
J-433	500	311.63	503.13	314.76	20.02	1.07	J-8222	Hollow Cir.
J-8078	500	313.42	502.49	315.92	31.08	0	J-8222	Tiogue Ave.
J-7474	500	313.75	502.49	316.25	30.98	0	J-8222	Alaska St.
J-7627	500	315.24	502.49	317.74	41.92	0.01	J-8222	Mulhearn Dr. (Private)
J-7625	500	315.32	502.49	317.81	37.65	0	J-8222	Old North Rd.
J-7634	500	315.33	502.49	317.82	36.85	0	J-8222	Bonney St.
J-7628	500	315.94	502.49	318.44	38.98	0	J-8222	Mulhearn Dr. (Private)
J-8072	500	316	502.49	318.49	41.85	0	J-8222	Old North Rd.
J-7829	500	316.03	502.49	318.53	38.31	0	J-8222	Mulhearn Dr. (Private)
J-6070	500	316.39	502.51	318.9	20	1.99	J-8222	Goddard St.
J-7630	500	316.43	502.49	318.92	44.86	0	J-8222	Deerfield Rd.
J-614	500	316.6	503.13	319.74	20	2.16	J-8222	Hillcrest Dr.
J-7631	500	318.71	502.49	321.2	51.87	0	J-8222	Deerfield Rd.
J-7475	500	318.94	502.49	321.43	30.9	0	J-8222	Tiogue Ave.
J-8077	500	319.01	502.49	321.51	30.99	0	J-8222	Tiogue Ave.
J-7632	500	319.55	502.49	322.04	50.11	0	J-8222	Kennedy Dr.
J-7633	500	320.33	502.49	322.82	38.4	0	J-8222	Kennedy Dr.
J-4633	500	321.03	500	321.03	20	0.53	J-4641	EG Medical Center Domestic Line
J-8245	500	321.1	500	321.1	20.01	0.04	J-8222	Tiogue Ave.
J-7541	500	321.4	502.49	323.9	22.26	0	J-7563	Glen Ave.
J-7538	500	321.9	502.49	324.4	20.5	0	J-7563	Twin Lakes Ave.
J-7539	500	321.9	502.49	324.39	22.41	0	J-7563	Henry Ave.
J-7537	500	321.91	502.49	324.4	22.6	0	J-7563	Loretta Ave.

Kent County Water Authority  
Available Fire Flows

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J-7536	500	321.92	502.49	324.42	20.71	0	J-7563	Twin Lakes Ave.
J-7535	500	321.97	502.49	324.46	22.35	0	J-7563	Twin Lakes Ave.
J-7414	500	322.29	502.49	324.79	30.5	0	J-8222	Tiogue Ave.
J-7413	500	322.55	502.49	325.04	27.04	0	J-8222	Tiogue Ave.
J-7626	500	323.36	502.49	325.86	44.21	0	J-8222	Kennedy Dr.
J-7635	500	323.57	502.49	326.06	42.85	0	J-8222	Dawley St.
J-7589	500	323.73	502.49	326.22	30.2	0.01	J-8222	Tiogue Ave.
J-7412	500	323.83	502.49	326.32	20.97	0	J-8222	Tiogue Ave.
J-8278	500	324.27	500	324.27	24.7	0	J-8222	Tiogue Ave.
J-7409	500	324.36	502.49	326.86	23.13	0	J-8222	Tiogue Ave.
J-7410	500	324.36	502.49	326.85	23.13	0	J-8222	Tiogue Ave.
J-7407	500	324.37	502.49	326.86	23.12	0	J-8222	Tiogue Ave.
J-8305	500	324.38	500	324.38	22.6	0	J-8222	Nooseneck Hill Rd.
J-7411	500	324.47	502.49	326.96	23.56	0	J-8222	Tiogue Ave.
J-7461	500	324.54	502.49	327.03	31.29	0	J-8222	Whitman St.
J-7349	500	324.61	502.49	327.1	20.17	0	J-8222	Nooseneck Hill Rd.
J-7458	500	324.61	502.49	327.1	30.64	0	J-8222	Arizona St.
J-7457	500	324.64	502.49	327.13	30.2	0	J-8222	Tiogue Ave.
J-7408	500	324.73	502.49	327.22	21.8	0	J-8222	Tiogue Ave.
J-7444	500	324.77	502.49	327.26	20.02	0.03	J-8222	Prospect Ave.
J-7415	500	324.79	502.49	327.28	21.7	0	J-8222	South Main St.
J-7463	500	324.88	502.49	327.37	29.07	0	J-8222	Wendell St.
J-7467	500	324.9	502.49	327.39	28.51	0	J-8222	Clearview Dr.
J-7462	500	325.19	502.49	327.69	30.27	0	J-8222	Wendell St.
J-7465	500	325.24	502.49	327.73	28.11	0	J-8222	Forestdale St.
J-7466	500	325.24	502.49	327.73	26.55	0	J-8222	Pinehurst St.
J-7464	500	325.27	502.49	327.76	27.94	0	J-8222	Wendell St.
J-8098	500	325.34	502.49	327.84	25.62	0	J-8222	Tiogue Ave.
J-8097	500	325.35	502.49	327.85	29.99	0	J-8222	Tiogue Ave.
J-2191	500	325.5	503.59	329.08	20.01	1.65	J-8222	Major Potter Rd.
J-7405	500	325.93	502.49	328.43	20.01	0.01	J-8222	Coventry/Spring Lake Well Field
J-7501	500	325.98	502.49	328.48	22.39	0	J-8222	Tiogue Ave.
J-7493	500	326.21	502.49	328.7	20.01	0.08	J-7563	Larchmont Dr.
J-7502	500	326.56	502.49	329.06	20.13	0	J-8222	Tiogue Ave.
J-7404	500	326.83	502.49	329.32	23.12	0	J-8222	Tiogue Ave.
J-568	500	326.95	503.13	330.08	20.01	2.09	J-8222	West St.
J-2358	500	327.96	503.59	331.55	20	1.77	J-8222	Beacon Hill Dr.
J-7425	500	328.17	502.49	330.66	21.02	0	J-8222	South Main St.
J-7443	500	328.64	502.49	331.13	21.02	0	J-8222	Potters St.
J-8079	500	329.21	502.49	331.7	29.18	0	J-8222	Hazel St.
J-5114	500	329.41	503.01	332.42	22.25	0	J-5122	Hope Rd.
J-7389	500	329.54	502.49	332.03	20.01	0	J-7563	Hopkins Hill Rd.
J-2146	500	331.77	503.59	335.36	20	1.65	J-8222	Major Potter Rd.
J-7459	500	332.23	502.49	334.72	28.13	0	J-8222	Tiogue Ave.
J-7857	500	332.41	502.49	334.9	20	2.09	J-8222	Bates Ave.
J-7669	500	332.53	502.49	335.02	26.34	0	J-8222	Bernard Dr.
J-7449	500	332.55	502.49	335.04	21.13	0	J-8222	Rathbun St.
J-7824	500	332.92	502.49	335.41	20	1.95	J-8222	Anderson Ave.
J-7460	500	333.23	502.49	335.72	20.79	0	J-8222	Tiogue Ave.
J-7491	500	333.85	502.49	336.34	21.96	0	J-7563	Arnold Rd.
J-2375	500	334.52	503.59	338.1	20.15	26.51	J-2502	Elisha St.
J-7403	500	334.81	502.49	337.3	22.02	0	J-8222	Hopkins Hill Rd.
J-7455	500	334.92	502.49	337.41	33.27	0	J-8222	Wood St.
J-801	500	335.46	503.13	338.59	20	2.06	J-8222	Aberdeen St.
J-7636	500	335.93	502.49	338.42	52.96	0	J-8222	Tiogue Ave.
J-7839	500	335.96	502.49	338.45	49.25	0	J-8222	Lantern Ln.
J-7468	500	336.21	502.49	338.71	23.44	0	J-8222	Montana Ave.
J-2308	500	338.3	503.59	341.88	20.11	26.49	J-2502	Hall St.
J-874	500	338.49	503.13	341.62	20	2.08	J-8222	Weaver St.
J-7899	500	339.06	502.49	341.55	20.06	2.07	J-8222	Fairview Ave.
J-7424	500	339.74	502.49	342.23	21.79	0	J-8222	Lambert St.
J-7486	500	340.05	502.49	342.54	21.94	0	J-7563	Overview Dr.
J-7454	500	342.38	502.49	344.88	28.38	0	J-8222	Brentwood Dr.
J-7453	500	342.45	502.49	344.94	29.05	0	J-8222	Brentwood Dr.
J-1145	500	343.25	503.13	346.39	20.03	1.87	J-8222	Wyman St.
J-7900	500	343.39	502.49	345.88	20.08	2.07	J-8222	Card St.

Kent County Water Authority  
Available Fire Flows

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J-7469	500	344.88	502.49	347.37	20.98	0	J-8222	Lakeside Dr.
J-2201	500	345.62	503.59	349.21	20	1.63	J-8222	Hedgerow Dr.
J-7427	500	346.13	502.49	348.62	23.41	0	J-8222	Manor Dr.
J-877	500	347.07	503.13	350.2	20.01	2.08	J-8222	John St.
J-7637	500	351.21	502.49	353.7	60.42	0	J-8222	Tiogue Ave.
J-569	500	351.82	503.13	354.96	20.01	2.07	J-8222	West St.
J-7790	500	352.37	502.49	354.87	20.01	1.52	J-8222	Fairview Ave.
J-639	500	353.62	503.13	356.75	20	2.1	J-8222	Tobin St.
J-7789	500	353.95	502.49	356.44	20.01	1.51	J-8222	Fairview Ave.
J-7687	500	358.08	502.49	360.58	20.02	1.01	J-8222	Cote Ct.
J-7451	500	358.98	502.49	361.48	27.12	0	J-8222	Williams St.
J-7638	500	360.67	502.49	363.17	60.48	0	J-8222	Tiogue Ave.
J-2303	500	361.21	503.59	364.8	20	26.52	J-2502	Ladd St.
J-7688	500	362.21	502.49	364.71	20.02	0.99	J-8222	Laurel Ave.
J-429	500	362.22	503.13	365.36	20.01	0.94	J-8222	Lee St.
J-7428	500	362.75	502.49	365.25	24.7	0	J-8222	Stone St.
J-419	500	363.47	503.13	366.6	20.01	0.93	J-8222	Lee St.
J-220	500	365.46	503.13	368.59	20	2.11	J-8222	Lancellotta St.
J-966	500	366.71	503.13	369.84	36.61	0	J-8222	Oriole Ave.
J-965	500	367	503.13	370.14	60.53	0	J-8222	Oriole Ave.
J-294	500	367.21	503.13	370.35	20.02	1.89	J-8222	Earl St.
J-542	500	367.79	503.13	370.92	20.01	1.91	J-8222	Main St.
J-1152	500	368.51	503.13	371.64	20.02	1.82	J-8222	Gerald St.
J-532	500	369.19	503.13	372.32	20.01	1.9	J-8222	Epworth Ave.
J-1050	500	369.58	503.13	372.72	20.02	1.82	J-8222	New London Ave.
J-1239	500	369.76	500	369.76	20.02	1.82	J-8222	Creamer Ave.
J-1053	500	370.03	503.13	373.16	20.02	1.82	J-8222	Gerald St.
J-388	500	371.13	503.13	374.26	20.01	1.22	J-8222	Cochran St.
J-1051	500	371.23	503.13	374.36	20.02	1.82	J-8222	Creamer Ave.
J-1052	500	371.68	503.13	374.81	20.02	1.82	J-8222	Creamer Ave.
J-2327	500	372.69	503.59	376.28	20.01	1.37	J-8222	Martingale Dr.
J-441	500	375.98	503.13	379.12	20	0.86	J-8222	Cowesett Rd.
J-297	500	376.71	503.13	379.84	20.02	1.88	J-8222	Shane Dr.
J-964	500	377.25	503.13	380.38	37.51	0	J-8222	Field Ave.
J-166	500	377.28	503.13	380.42	20.01	42.96	J-165	Steven Dr.
J-1054	500	377.36	503.13	380.5	20.02	1.81	J-8222	New London Ave.
J-963	500	377.53	503.13	380.67	61.46	0	J-8222	Tiogue Ave.
J-7805	500	378.47	502.49	380.96	20.01	1.46	J-8222	Hazard St.
J-896	500	379	503.13	382.13	20.04	1.8	J-8222	School St.
J-833	500	379.42	503.13	382.55	20	2.03	J-8222	Brayton St.
J-417	500	379.51	503.13	382.65	20.01	0.87	J-8222	Lee St.
J-7435	500	379.66	502.49	382.15	25.06	0	J-8222	South Main St.
J-216	500	380.6	503.13	383.73	20	2.1	J-8222	Tripoli St.
J-7682	500	381.16	502.49	383.65	20	1.01	J-8222	Taft St.
J-895	500	384.29	503.13	387.43	20.04	1.79	J-8222	School St.
J-897	500	385.15	503.13	388.28	20.04	1.79	J-8222	School St.
J-871	500	387.59	503.13	390.72	20	2.03	J-8222	Payan St.
J-430	500	388.56	503.13	391.7	20.01	0.83	J-8222	Dounetos St.
J-7686	500	388.68	502.49	391.17	20.02	0.89	J-8222	Turcotte St.
J-7804	500	390.31	502.49	392.81	20	1.45	J-8222	Hazard St.
J-7970	500	391.2	502.49	393.69	20	1.98	J-8222	Terrace Ave.
J-7685	500	391.57	502.49	394.06	20.02	0.88	J-8222	Turcotte St.
J-1143	500	394.94	503.13	398.07	20.01	1.78	J-8222	Wyman St.
J-649	500	395.05	503.13	398.18	20	2.04	J-8222	Greene St.
J-4504	500	397.02	503.61	400.63	20	26.51	J-2502	Wine St.
J-7792	500	398.17	502.49	400.66	20	1.33	J-8222	Fairview Ave.
J-6009	500	400.64	502.51	403.15	20.17	1.91	J-8222	Harrington Ave.
J-7436	500	401.33	502.49	403.82	26.34	0	J-8222	South Main St.
J-7442	500	403.18	502.49	405.67	34.97	0	J-8222	Kilton St.
J-296	500	403.26	503.13	406.39	20.01	1.84	J-8222	Seth Dr.
J-7441	500	405.58	502.49	408.07	37.17	0	J-8222	Femcrest Dr.
J-7437	500	405.94	502.49	408.43	30.48	0	J-8222	South Main St.
J-796	500	407.07	503.13	410.2	20.01	2.03	J-8222	Garnet St.
J-295	500	407.13	503.13	410.26	20.01	1.84	J-8222	Seth Dr.
J-4503	500	408.23	503.61	411.84	20	26.33	J-4504	Crop St.
J-851	500	408.55	503.13	411.68	20	2.01	J-8222	St. Mary St.

Kent County Water Authority  
Available Fire Flows

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction	Street/Location
J-2359	500	409.19	503.59	412.78	20.02	1.63	J-8222	Beacon Hill Dr.
J-582	500	409.21	503.13	412.34	20	2.07	J-8222	Agnes St.
J-7440	500	409.55	502.49	412.04	37.24	0	J-8222	Parker St.
J-6069	500	410.51	502.51	413.02	20	1.89	J-8222	Brown St.
J-436	500	410.52	503.13	413.66	20	0.74	J-8222	High View Dr.
J-876	500	411.56	503.13	414.7	20	2.03	J-8222	John St.
J-2192	500	411.82	503.59	415.41	20	1.58	J-8222	Indian Hill Rd.
J-4671	500	412.86	500	412.86	20.03	2.31	J-8222	Rocky Hill Fairgrounds Domestic Line
J-7438	500	418.11	502.49	420.6	31.59	0	J-8222	South Main St.
J-7439	500	418.14	502.49	420.63	24.8	0	J-8222	Bank St.
J-217	500	418.24	503.13	421.37	20.03	2.07	J-8222	Prospect Hill Ave.
J-7793	500	419.21	502.49	421.7	20	1.25	J-8222	Fairview Ave.
J-261	500	419.79	503.13	422.93	20	1.85	J-8222	Tower Rd.
J-891	500	419.86	503.13	422.99	22.57	0	J-886	Nestor St.
J-307	500	420.03	503.13	423.16	20	1.63	J-8222	Leaf St.
J-892	500	421.86	503.13	424.99	22.23	0	J-886	Nestor St.
J-870	500	424.67	503.13	427.81	20	1.99	J-8222	Coutu Ct.
J-2301	500	425.71	503.59	429.3	20	26.4	J-2502	Williams St.
J-435	500	426.39	503.13	429.52	20	0.68	J-8222	High View Dr.
J-2357	500	426.87	503.59	430.46	20.01	1.6	J-8222	Downing Ln.
J-7482	500	431.56	502.49	434.05	34.89	0	J-8222	South Main St.
J-7865	500	431.8	502.49	434.29	20	2.01	J-8222	Fairview Ave.
J-215	500	435.57	503.13	438.71	20.02	2.05	J-8222	Prospect Hill Ave.
J-937	500	439.34	503.13	442.47	20	1.44	J-8222	East Greenwich Ave.
J-4670	500	439.49	500	439.49	20.02	2.31	J-8222	Rocky Hill Fairgrounds Domestic Line
J-795	500	440.45	503.13	443.59	20	2	J-8222	Schofield St.
J-269	500	440.69	528.73	469.42	20	1.83	J-8222	Tanglewood Dr.
J-1216	500	441.39	503.13	444.52	64.37	0	J-8222	Tiogue Ave.
J-7939	500	441.87	502.49	444.36	20	1.84	J-8222	Hill St.
J-632	500	442.26	503.13	445.39	20	2.13	J-8222	Regnaiere Ct.
J-647	500	443.6	503.13	446.74	20.14	2.03	J-8222	South St.
J-673	500	448.6	503.13	451.73	20	1.96	J-8222	Sunset Ave.
J-432	500	450.94	503.13	454.07	20	0.59	J-8222	Cowesett Rd.
J-2356	500	451.17	503.59	454.75	20.01	1.56	J-8222	Country View Dr.
J-932	500	451.95	503.13	455.08	20	1.75	J-8222	Manchester St.
J-917	500	452.83	503.13	455.96	20	1.69	J-8222	Manchester St.
J-4443	500	453.32	503.61	456.93	20	22.12	J-4442	Division St.
J-2537	500	454.28	503.59	457.86	20.19	26.56	J-2508	Pleasant St.
J-4142	500	454.87	503.61	458.48	20	2.33	J-8222	Fox Run
J-268	500	455.06	503.13	458.19	20	1.81	J-8222	New London Ave.
J-931	500	456.19	503.13	459.32	20	1.74	J-8222	Remington St.
J-7681	500	456.69	502.49	459.19	20.01	0.72	J-8222	Laurel Ave.
J-444	500	459.83	503.13	462.96	20	1.83	J-8222	Winthrop Ave.
J-962	500	462.04	503.13	465.17	64.46	0	J-8222	Tiogue Ave.
J-7483	500	466.01	502.49	468.5	40.86	0	J-8222	Main St.
J-237	500	466.73	503.13	469.86	20	2.17	J-8222	Circle Dr.
J-7668	500	467.11	502.49	469.6	24.63	0	J-8222	Dexter St.
J-434	500	467.39	503.13	470.52	20	0.52	J-8222	Cowesett Rd.
J-2552	500	467.48	503.59	471.07	20	1.79	J-8222	Panto Rd.
J-933	500	468.57	503.13	471.7	20	1.72	J-8222	Manchester St.
J-214	500	468.61	503.13	471.75	20.01	2.02	J-8222	Tripoli St.
J-797	500	468.71	503.13	471.85	20	1.98	J-8222	Lowell St.
J-1065	500	470.4	503.13	473.54	20	1.79	J-8222	New London Ave.
J-2332	500	471.1	503.59	474.69	20	1.04	J-8222	Cowesett Rd.
J-8220	500	473.89	502.49	476.38	31.49	0	J-8222	Sandy Bottom Rd.
J-311	500	473.91	503.13	477.04	20	1.52	J-8222	Lexington Ave.
J-263	500	474.1	503.13	477.23	20	1.79	J-8222	Tanglewood Dr.
J-266	500	474.19	503.13	477.32	20	1.79	J-8222	Iron Dr.
J-7696	500	474.24	502.49	476.73	20	0.94	J-8222	Mapledale St.
J-2331	500	474.81	503.59	478.4	20	1.03	J-8222	Cowesett Rd.
J-794	500	475.34	503.13	478.47	20	1.97	J-8222	Garnet St.
J-2264	500	477.42	503.59	481.01	20.03	0.92	J-2266	Stiness Dr.
J-236	500	477.62	503.13	480.75	20	2.17	J-8222	Circle Dr.
J-270	500	478.7	503.13	481.83	20	1.78	J-8222	Factory St.
J-678	500	479.1	503.13	482.23	20	1.94	J-8222	Pine St.
J-2265	500	482.77	503.59	486.36	32.49	0	J-2266	Valentine Cir.

Kent County Water Authority  
Available Fire Flows

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction	Street/Location
J-8219	500	483.84	502.49	486.33	35.91	0	J-8222	Sandy Bottom Rd.
J-7689	500	484.2	502.49	486.69	20	0.47	J-8222	Cole Ct.
J-7686	500	484.84	502.49	487.33	28.25	0	J-8222	Donovan St. (Private)
J-7665	500	485.33	502.49	487.82	20.53	0	J-8222	Donovan St. (Private)
J-235	500	485.54	503.13	488.67	20	2.16	J-8222	Auburn St.
J-677	500	486.72	503.13	489.86	20.02	1.93	J-8222	Sunrise Ave.
J-447	500	487.32	503.13	490.45	20	1.79	J-8222	Standard Ave.
J-546	500	489.81	503.13	492.94	20.03	1.92	J-8222	Robert St.
J-7820	500	491.12	502.49	493.61	20	1.76	J-8222	Edward St.
J-646	500	491.85	503.13	494.99	20.03	1.99	J-8222	Harris Ave.
J-612	500	494.19	503.13	497.33	20.02	2.05	J-8222	Hillcrest Dr.
J-2162	500	494.77	503.59	498.36	20	1.52	J-8222	Hedgerow Dr.
J-2141	500	495.03	503.59	498.62	20	1.52	J-8222	Red Chimney Dr.
J-1175	500	495.42	500	495.42	20	2	J-8222	Prospect Hill Ave.
J-999	500	495.92	503.13	499.05	31.04	0	J-1000	Douglas St.
J-1001	500	498.78	503.13	501.91	20.12	1.9	J-8222	Douglas St.
J-543	500	502.36	503.13	505.5	20.03	1.74	J-8222	Main St.
J-961	500	502.83	503.13	505.96	63.2	0	J-8222	Cowesett Rd.
J-234	500	505.31	503.13	508.44	20.08	2.15	J-8222	Blossom St.
J-1176	500	508.4	513.35	521.75	20	1.99	J-8222	Silvercup Cir.
J-7803	500	509.66	502.49	512.15	20	1.74	J-8222	Edward St.
J-7878	500	513.09	502.49	515.58	20	1.95	J-8222	Ray St.
J-7895	500	513.47	502.49	515.96	20	1.94	J-8222	Fairview Ave.
J-8071	500	514.68	502.49	517.17	20	0.35	J-8222	Sheltra Ave.
J-7683	500	517.17	502.49	519.66	20	0.37	J-8222	Taft St.
J-1020	500	518.24	503.13	521.37	20	1.87	J-8222	North Pleasant St.
J-759	500	518.8	503.13	521.93	20.13	1.93	J-8222	Harmony St.
J-956	500	521.82	503.13	524.96	62.88	0	J-8222	New London Tpk.
J-955	500	523.54	503.13	526.67	61.93	0	J-8222	New London Tpk.
J-7898	500	524.98	502.49	527.47	20.03	1.92	J-8222	Woodside Ave.
J-7714	500	525.15	502.49	527.64	20	0.91	J-8222	Knotty Oak Rd.
J-531	500	525.55	503.13	528.68	20	1.68	J-8222	Epworth Ave.
J-7831	500	527.58	502.49	530.07	20	1.72	J-8222	Dion Ave.
J-7692	500	528.22	502.49	530.72	26.31	0	J-8222	Batley Ave.
J-7691	500	528.31	502.49	530.8	39.1	0	J-8222	Batley Ave.
J-953	500	528.78	503.13	531.92	34.85	0	J-8222	Campbell St.
J-1177	500	528.91	513.35	542.26	20	1.97	J-8222	Silvercup Cir.
J-7940	500	529.11	502.49	531.6	20	1.74	J-8222	Hill St.
J-957	500	529.15	503.13	532.28	61.28	0	J-8222	Esmond St.
J-424	500	529.25	503.13	532.39	20	0.29	J-8222	Boucher St.
J-952	500	529.79	503.13	532.92	30.92	0	J-8222	Campbell St.
J-959	500	530.39	503.13	533.53	39.84	0	J-8222	New London Tpk.
J-8140	500	530.45	800.11	830.56	20	1.79	J-8222	North St.
J-934	500	530.94	503.13	534.07	47.86	0	J-8222	Cowesett Rd.
J-935	500	530.95	503.13	534.08	49.91	0	J-8222	Manchester St.
J-1236	500	531.31	500	531.31	41.16	0	J-8222	Esmond St.
J-939	500	531.4	503.13	534.53	29.15	0	J-8222	East Greenwich Ave.
J-1229	500	531.46	500	531.46	43.27	0	J-8222	Esmond St.
J-1230	500	531.49	500	531.49	43.26	0	J-8222	Flat Top Condos
J-958	500	531.49	503.13	534.63	39.44	0	J-8222	Esmond St.
J-1231	500	531.54	500	531.54	43.25	0	J-8222	Flat Top Condos
J-1232	500	531.71	500	531.71	43.19	0	J-8222	Flat Top Condos
J-1233	500	531.8	500	531.8	41.87	0	J-8222	Flat Top Condos
J-1234	500	531.91	500	531.91	39.68	0	J-8222	Flat Top Condos
J-1235	500	531.93	500	531.93	39.67	0	J-8222	Flat Top Condos
J-85	500	532.12	503.13	535.25	58.65	0	J-8222	New London Tpk.
J-1237	500	532.35	500	532.35	29.62	0	J-8222	East Greenwich Ave.
J-1070	500	533.11	503.13	536.25	20	1.94	J-8222	Weaver St.
J-210	500	533.92	503.13	537.05	20.01	1.96	J-8222	Fiume St.
J-1042	500	534.95	503.13	538.09	20	1.92	J-8222	Bradley Ct.
J-7896	500	535.71	502.49	538.2	20	1.92	J-8222	Fairview Ave.
J-7715	500	538.33	502.49	540.83	20	0.88	J-8222	Knotty Oak Rd.
J-165	500	539.54	503.13	542.67	21.63	0	J-166	Steven Dr.
J-938	500	542.02	503.13	545.16	40.12	0	J-8222	East Greenwich Ave.
J-86	500	543.64	503.13	546.77	44.37	0	J-8222	Edwards Ct.
J-84	500	543.72	503.13	546.86	52.94	0	J-8222	Edwards Ct.

Kent County Water Authority  
Available Fire Flows

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J-633	500	544.2	503.13	547.34	20	2.06	J-8222	Kinne St.
J-164	500	544.87	503.13	548.01	30.29	0	J-166	Brookdale Dr.
J-861	500	545.18	503.13	548.31	20	1.91	J-8222	Archambault Ave.
J-7664	500	545.9	502.49	548.39	27.89	0	J-8222	Pilgrim Ave.
J-1003	500	545.92	503.13	549.05	20	1.86	J-8222	LeValley St.
J-605	500	546.85	503.13	549.98	20	1.93	J-8222	McNiff St.
J-7802	500	548.25	502.49	550.74	20	1.69	J-8222	Edward St.
J-2475	500	548.82	503.59	552.41	20	1.64	J-8222	Pontiac St.
J-7969	500	549.52	502.49	552.02	20	1.84	J-8222	Terrace Ave.
J-869	500	551.2	503.13	554.34	20	1.88	J-8222	Curson St.
J-7886	500	551.85	502.49	554.34	20	1.76	J-8222	Marshall Cir.
J-2506	500	552.34	503.59	555.93	20.06	25.57	J-2502	Berkeley Rd.
J-2145	500	554.76	503.59	558.34	20	1.48	J-8222	Hedgerow Dr.
J-2142	500	556.25	503.59	559.84	20	1.48	J-8222	South Cobblehill Rd.
J-83	500	556.44	503.13	559.57	56.81	0	J-8222	Michael St.
J-7690	500	556.82	502.49	559.31	40.14	0	J-8222	Sandy Bottom Rd.
J-82	500	557.21	503.13	560.34	42.15	0	J-8222	Michael St.
J-5119	500	557.34	503.01	560.36	20	1.83	J-8222	Lippitt Ave.
J-2153	500	559	503.59	562.59	20	1.48	J-8222	Hedgerow Dr.
J-7812	500	559.38	502.49	561.87	20	1.67	J-8222	Yates Ave.
J-8070	500	560	502.49	562.49	20	1.17	J-8222	Sharp St.
J-427	500	563.13	503.13	566.26	20	0.16	J-8222	Tiffany Ave.
J-77	500	564.96	503.13	568.09	52.06	0	J-8222	Kimberly Ln.
J-81	500	564.99	503.13	568.12	53	0	J-8222	Michael St.
J-74	500	565.02	503.13	568.16	55.81	0	J-8222	Kimberly Ln.
J-75	500	565.23	503.13	568.37	47.33	0	J-8222	Kimberly Ln.
J-6004	500	565.34	502.51	567.85	20	1.73	J-8222	North Rd.
J-76	500	565.36	503.13	568.49	32.85	0	J-8222	Kimberly Ln.
J-6001	500	566.43	502.51	568.94	20	1.72	J-8222	Blossom Ln.
J-80	500	567.9	503.13	571.03	51.03	0	J-8222	Spruce Ct.
J-79	500	568.03	503.13	571.16	53.25	0	J-8222	Spruce Ct.
J-7673	500	568.32	502.49	570.82	23.9	0	J-8222	Pilgrim Ave.
J-6003	500	568.75	502.51	571.26	20	1.72	J-8222	North Rd.
J-314	500	568.84	503.13	571.97	20	1.36	J-8222	Edge St.
J-7774	500	569.06	502.49	571.55	20	1.49	J-8222	Hickory Rd.
J-318	500	570.19	503.13	573.32	20	1.34	J-8222	Lenox Ave.
J-2312	500	576.16	503.59	579.75	20.05	26.09	J-2502	Goodwin St.
J-8069	500	576.36	502.49	578.85	20	1.14	J-8222	Sharp St.
J-260	500	576.58	503.13	579.72	20	1.66	J-8222	Tower Rd.
J-172	500	578.24	503.13	581.37	20	24.92	J-171	Oakland Dr.
J-7819	500	578.89	502.49	581.39	20	1.65	J-8222	Edward St.
J-205	500	578.94	503.13	582.08	20.02	1.92	J-8222	McTeers Ct.
J-1138	500	579.15	503.13	582.29	20.14	0	J-8222	Hollow Cir.
J-428	500	579.58	503.13	582.72	20.01	0.1	J-8222	Revere Ave.
J-5082	500	582.06	503.01	585.07	20.01	24.08	J-5085	Burdick Dr.
J-7674	500	582.81	502.49	585.3	25.84	0	J-8222	Laurel Ave.
J-987	500	583	503.13	586.13	20	1.83	J-8222	Colvin St.
J-386	500	583.39	503.13	586.53	20.01	0.58	J-8222	Judy Ter.
J-7670	500	584.1	502.49	586.59	23.06	0	J-8222	Laurel Ave.
J-7676	500	585.17	502.49	587.66	26.72	0	J-8222	Pilgrim Ave.
J-658	500	585.98	503.13	589.11	20.05	1.86	J-8222	Downing Dr.
J-173	500	586.13	503.13	589.27	20	23.92	J-171	Oakland Dr.
J-7675	500	587.24	502.49	589.73	24.24	0	J-8222	Laurel Ave.
J-4538	500	588.68	503.61	592.29	20	26.36	J-2502	Sixth Ave.
J-2502	500	591.13	503.59	594.72	20.01	26.36	J-2508	Bay View Ave.
J-7684	500	591.55	502.49	594.04	30.67	0	J-8222	Taft St.
J-78	500	591.71	503.13	594.85	59.12	0	J-8222	New London Tpk.
J-3020	500	592.45	502.67	595.12	20	33.95	J-3038	Clubhouse Rd.
J-422	500	592.83	503.13	595.96	20.01	0.05	J-8222	Buckley Ave.
J-6000	500	593.02	502.51	595.53	20	1.7	J-8222	Orchard Dr.
J-7678	500	596.13	502.49	598.62	20.92	0	J-8222	Laurel Ave.
J-788	500	598.67	503.13	599.8	20	1.89	J-8222	Phenix Ave.
J-414	500	598.22	503.13	601.35	39.17	0	J-8222	Cowesett Rd.
J-5085	500	598.82	503.01	601.83	20.01	17.98	J-5082	Redfern Dr.
J-425	500	599.65	503.13	602.78	20.01	0.02	J-8222	Tiffany Ave.
J-579	500	600.25	503.13	603.38	20	1.87	J-8222	Wood St.

Kent County Water Authority  
Available Fire Flows

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J-7677	500	600.96	502.49	603.45	26.93	0	J-8222	Pilgrim Ave.
J-415	500	601.68	503.13	604.82	38.65	0	J-8222	Cowesett Rd.
J-2483	500	602.32	503.59	605.91	20.01	2.11	J-8222	Adelaide Ave.
J-309	500	602.89	503.13	606.03	20.01	1.32	J-8222	Perkins St.
J-475	500	603.32	503.13	606.45	20	1.64	J-8222	Arthur St.
J-865	500	604.2	503.13	607.34	20	1.89	J-8222	Curson St.
J-636	500	604.29	503.13	607.43	20.02	1.95	J-8222	Kinne St.
J-418	500	604.48	503.13	607.61	21.55	0	J-8222	Carlson Cir.
J-423	500	604.49	503.13	607.63	22.72	0	J-8222	Revere Ave.
J-426	500	604.65	503.13	607.78	22.68	0	J-8222	Tiffany Ave.
J-420	500	604.95	503.13	608.08	24.61	0	J-8222	Dawas St.
J-203	500	605.1	503.13	608.23	20.02	1.89	J-8222	Prospect St.
J-421	500	605.26	503.13	608.4	24.46	0	J-8222	Dawas St.
J-1141	500	605.33	503.13	608.46	23.52	0	J-8222	Dawas St.
J-7906	500	607.95	502.49	610.44	20.02	1.85	J-8222	Fairview Ave.
J-416	500	608.39	503.13	611.53	36.13	0	J-8222	Narragansett Ave.
J-7897	500	608.64	502.49	611.13	20	1.86	J-8222	Fairview Ave.
J-248	500	608.97	503.13	612.1	20	1.49	J-8222	Cantara St.
J-5084	500	609.89	503.01	612.91	20.01	16.48	J-5082	Burdick Dr.
J-899	500	612.45	503.13	615.58	29.83	0.01	J-886	Main St.
J-920	500	612.49	503.13	615.63	26.96	0	J-886	Main St.
J-371	500	613.4	503.13	616.53	43.65	0	J-8222	Crompton Ave.
J-315	500	614.17	503.13	617.3	20.01	1.28	J-8222	Edge St.
J-171	500	616.04	503.13	619.18	20.01	20.44	J-173	Oakland Dr.
J-7706	500	616.08	502.49	618.58	20.01	7.3	J-8307	Meeting St.
J-5064	500	616.64	503.01	619.65	20.01	19.79	J-5082	Versailles St.
J-320	500	618.1	503.13	621.24	20.01	1.26	J-8222	Revere Ave.
J-608	500	618.41	503.13	621.55	20	1.9	J-8222	Jodoin St.
J-313	500	619.42	503.13	622.56	20.01	1.28	J-8222	Lexington Ave.
J-657	500	619.65	503.13	622.79	20.02	1.83	J-8222	Woodside Ave.
J-3038	500	619.76	502.67	622.43	20	34.41	J-3036	Brant Tr. (Private)
J-5077	500	621.24	503.01	624.26	20.02	16.98	J-5082	Burdick Dr.
J-860	500	621.9	503.13	625.03	20	1.87	J-8222	Gough Ave.
J-7707	500	623.26	502.49	625.75	20.01	7.3	J-8307	Boston St.
J-919	500	623.42	503.13	626.55	26.04	0	J-886	Main St.
J-7710	500	623.51	502.49	626	20.01	7.3	J-8307	Boston St.
J-7875	500	624.81	502.49	627.3	20	1.89	J-8222	Doris St.
J-7817	500	627.54	502.49	630.04	20	1.59	J-8222	Patton St.
J-7680	500	627.64	502.49	630.13	20	0.16	J-8222	Laurel Ave.
J-7332	500	629.9	502.49	632.39	20.01	7.3	J-8307	Boston St.
J-4111	500	630.39	503.61	634	20	2.33	J-8222	Lynn Cir.
J-2137	500	630.58	503.59	634.17	20	1.43	J-8222	Red Chimney Dr.
J-5067	500	630.82	503.01	633.83	20.01	20.54	J-5065	Briarwood Rd.
J-308	500	632.19	503.13	635.32	20.02	1.27	J-8222	Perkins St.
J-5066	500	633.3	503.01	636.32	20.01	20.2	J-5065	Versailles St.
J-5065	500	634.6	503.01	637.61	20.02	20.88	J-5067	Briarwood Rd.
J-368	500	636	503.13	639.13	20.02	0.24	J-8222	Audrey Dr.
J-212	500	639.99	503.13	643.12	20	1.85	J-8222	Prospect Hill Ave.
J-5078	500	640.38	503.01	643.39	20.02	14.42	J-5082	Sunrise Dr.
J-5079	500	640.85	503.01	643.87	20.02	13.1	J-5082	Burdick Dr.
J-5083	500	641.94	503.01	644.96	20.02	11.77	J-5082	Burdick Dr.
J-5063	500	642.08	503.01	645.09	20.02	16.55	J-5082	Burdick Dr.
J-293	500	642.99	503.13	646.13	20	1.58	J-8222	St. George St.
J-672	500	643.04	503.13	646.18	20.01	1.8	J-8222	Sunset Ave.
J-5068	500	643.43	503.01	646.44	20.02	28.36	J-5082	Woodlawn Dr.
J-104	500	646.12	503.13	649.25	37.85	0	J-8222	Cowesett Rd.
J-5075	500	646.85	503.01	649.86	20.02	14.82	J-5082	Burdick Dr.
J-578	500	648.7	503.13	651.84	20.02	1.82	J-8222	Wood St.
J-890	500	649.22	503.13	652.35	24.74	0	J-886	Nestor St.
J-2485	500	650.05	503.59	653.64	20.03	2.09	J-8222	Adelaide Ave.
J-7773	500	650.78	502.49	653.27	20.01	1.36	J-8222	Sandalwood Ct.
J-7797	500	652.64	502.49	655.13	20.01	1.02	J-8222	Hazard St.
J-5076	500	653.31	503.01	656.33	20.02	13.96	J-5082	Ontario Ave.
J-7822	500	653.66	502.49	656.15	20.01	1.56	J-8222	Raymond St.
J-2147	500	653.88	503.59	657.47	20	1.41	J-8222	South Cobblehill Rd.
J-1067	500	654.08	503.13	657.21	20	1.56	J-8222	Hilltop Ave.



Kent County Water Authority  
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J-4105	500	654.17	503.61	657.78	20	2.33	J-8222	Granite Dr.
J-5081	500	656.31	503.01	659.32	20.02	10.23	J-5082	Sunkist Cir.
J-370	500	656.94	503.13	660.08	42.87	0	J-8222	Crompton Ave.
J-372	500	657.05	503.13	660.18	36.22	0	J-8222	Deborah Ct.
J-387	500	657.73	503.13	660.86	20.02	0.35	J-8222	Judy Ter.
J-7876	500	658.15	502.49	660.64	20	1.86	J-8222	Park Ave.
J-162	500	658.3	503.13	661.43	25.97	0	J-166	Alden Dr.
J-163	500	658.31	503.13	661.44	22.47	0	J-166	Alden Dr.
J-250	500	658.36	503.13	661.49	20	1.41	J-8222	Napolean St.
J-6002	500	660.82	502.51	663.33	20.01	1.62	J-8222	Blossom Ln.
J-211	500	662.9	503.13	666.04	20	1.83	J-8222	Prospect Hill Ave.
J-4473	500	664.09	503.61	667.71	20	22.31	J-4474	Reynolds St.
J-2541	500	664.72	503.59	668.31	20.1	23.01	J-2540	Oak St.
J-170	500	664.91	503.13	668.04	20.01	19.37	J-171	Glendale Dr.
J-7713	500	665.3	502.49	667.8	20	0.45	J-8222	Foster Dr. (Private)
J-5080	500	665.39	503.01	668.4	20.03	8.91	J-5082	Sunrise Dr.
J-1139	500	665.48	503.13	668.61	43.05	0	J-8222	Coit Ave.
J-7856	500	666.13	502.49	668.62	20	1.83	J-8222	Willow St.
J-3071	500	666.73	505.55	672.28	20	25.95	J-1185	Buck Hollow Dr.
J-2139	500	668.1	503.59	671.69	20	1.41	J-8222	Red Chimney Dr.
J-376	500	669.42	503.13	672.55	31.01	0	J-8222	Pond View Dr.
J-875	500	669.42	503.13	672.55	25.92	0	J-880	Payan St.
J-374	500	669.76	503.13	672.9	34.88	0	J-8222	Pond View Dr.
J-373	500	669.78	503.13	672.91	36.47	0	J-8222	Pond View Dr.
J-375	500	669.78	503.13	672.91	31.87	0	J-8222	Pond View Dr.
J-2471	500	670.46	503.59	674.05	20.02	1.47	J-8222	Rossi St.
J-7333	500	671.27	502.49	673.77	20.02	7.3	J-8307	Irene St.
J-4474	500	671.61	503.61	675.22	20	20.9	J-4473	Mawney St.
J-7708	500	671.97	502.49	674.46	20.03	7.3	J-8307	Meeting St.
J-5091	500	672.05	503.01	675.06	20	46.28	J-166	Moon Ave.
J-2540	500	672.31	503.59	675.9	20.1	21.15	J-2541	Coyle St.
J-379	500	672.5	503.13	675.63	34.85	0	J-8222	Joaquin Ct.
J-244	500	672.51	503.13	675.65	20	1.39	J-8222	Fornelli St.
J-377	500	672.53	503.13	675.66	37.63	0	J-8222	Coit Ave.
J-378	500	672.53	503.13	675.66	36.12	0	J-8222	Joaquin Ct.
J-2489	500	674.84	503.59	678.42	20.04	2.07	J-8222	Adelaide Ave.
J-2553	500	674.96	503.59	678.55	20.02	1.33	J-8222	Earl St.
J-380	500	678.07	503.13	681.2	35.83	0	J-8222	Cowesett Rd.
J-5062	500	679.1	503.01	682.12	20.03	18.26	J-5082	Versailles St.
J-7772	500	679.49	502.49	681.98	20.01	1.32	J-8222	Sandalwood Ct.
J-545	500	679.7	503.13	682.83	20.01	1.72	J-8222	Robert St.
J-246	500	682.14	503.13	685.27	20.01	1.38	J-8222	Newell St.
J-4104	500	683.86	503.61	687.47	20	2.32	J-8222	Limerock Dr.
J-2132	500	684.33	503.59	687.91	20	1.4	J-8222	Cobble Hill Rd.
J-161	500	684.64	503.13	687.77	20.32	0.06	J-166	Shortway Dr.
J-160	500	685.17	503.13	688.3	25.97	0	J-166	Shortway Dr.
J-8250	500	688.22	500	688.22	20.01	33.24	J-7394	Helen Ave.
J-7709	500	688.8	502.49	691.3	20.03	7.3	J-8307	Benoit St.
J-7823	500	689.63	502.49	692.12	20.01	1.51	J-8222	Anderson Ave.
J-271	500	689.75	503.13	692.89	20.01	1.52	J-8222	Factory St.
J-169	500	690.53	503.13	693.66	20.02	16.12	J-171	Glendale Dr.
J-5034	500	692.97	503.01	695.98	20.01	36.25	J-5028	Warren Ave.
J-2490	500	693.15	503.59	696.74	20.05	2.06	J-8222	Jambray Ave.
J-2472	500	695.41	503.59	699	20.02	1.45	J-8222	Pontiac St.
J-2360	500	696.09	503.59	699.67	20	0.55	J-2358	Country View Dr.
J-310	500	696.47	503.13	699.61	20	1.17	J-8222	Lexington Ave.
J-755	500	699.02	503.13	702.15	20.01	1.79	J-8222	Oak St.
J-2551	500	700.73	503.59	704.32	20	1.5	J-8222	Panto Rd.
J-7881	500	703.17	502.49	705.66	20	1.68	J-8222	Marshall Cir.
J-7701	500	703.34	502.49	705.83	20	0.15	J-8222	Contentment Dr. (Private)
J-873	500	703.36	503.13	706.5	20.02	1.81	J-8222	Payan St.
J-367	500	706.2	503.13	709.34	27.28	0	J-8222	Coit Ave.
J-259	500	706.79	503.13	709.92	20.01	1.49	J-8222	Musket Rd.
J-7827	500	708.12	502.49	710.62	20	1.49	J-8222	Justa Ave.
J-1018	500	708.71	503.13	711.85	20.01	1.71	J-8222	North Pleasant St.
J-2486	500	710.25	503.59	713.84	20.06	2.06	J-8222	Levesque St.

Kent County Water Authority  
Available Fire Flows

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J-292	500	713.8	503.13	716.93	20	1.48	J-8222	St. George St.
J-793	500	715.42	503.13	718.55	20.03	1.8	J-8222	Linwood St.
J-209	500	716.88	503.13	719.81	20	1.77	J-8222	Fiume St.
J-4141	500	718.38	503.61	721.99	20	2.32	J-8222	Fox Run
J-6065	500	719.15	502.51	721.66	20.01	1.56	J-8222	White Ln.
J-7601	500	719.91	502.49	722.4	20	28.68	J-7600	Mohawk St.
J-984	500	721.11	503.13	724.24	20.01	1.72	J-8222	Maple St.
J-7813	500	723.03	502.49	725.52	20.01	1.46	J-8222	Eisenhower St.
J-4110	500	724.48	503.61	728.09	20	2.33	J-8222	Darl Ct.
J-351	500	724.72	503.13	727.86	20	0.21	J-8222	Tampa St.
J-5061	500	726	503.01	729.01	20.04	19.96	J-5082	Woodlawn Dr.
J-7850	500	726.01	502.49	728.5	20.01	1.75	J-8222	Read Ave.
J-910	500	726.09	503.13	729.23	32.41	0.01	J-907	Church St.
J-7877	500	727.31	502.49	729.8	20.02	1.82	J-8222	Park Ave.
J-862	500	727.94	503.13	731.08	20.02	1.79	J-8222	Payan St.
J-1045	500	727.98	503.13	731.12	20.02	1.83	J-8222	Hoover St.
J-247	500	728.39	503.13	731.52	20.02	1.31	J-8222	Babcock St.
J-2477	500	730.22	503.59	733.81	20	1.41	J-8222	Amy St.
J-4109	500	730.89	503.61	734.5	20	2.33	J-8222	Lynn Cir.
J-366	500	733.09	503.13	736.22	23.58	0	J-8222	Coit Ave.
J-2324	500	734.37	503.59	737.96	20.01	0.77	J-8222	Blue Ridge Rd.
J-4069	500	736.52	503.61	740.13	20	2.33	J-8222	Rosewood Ct.
J-5038	500	736.95	503.01	739.96	20.01	26.19	J-5037	Amanda Ct.
J-2143	500	737.98	503.59	741.57	20.01	1.36	J-8222	South Cobblehill Rd.
J-385	500	739.13	503.13	742.26	20	0.1	J-8222	Judy Ter.
J-365	500	740.39	503.13	743.52	25.84	0	J-8222	Coit Ave.
J-245	500	740.4	503.13	743.53	20.03	1.29	J-8222	Babcock St.
J-2322	500	740.7	503.59	744.29	20.01	0.76	J-8222	Blue Ridge Rd.
J-7828	500	740.92	502.49	743.42	20	1.45	J-8222	Raymond St.
J-249	500	741.34	503.13	744.48	20.03	1.29	J-8222	Babcock St.
J-2482	500	743.95	503.59	747.54	20.08	2.04	J-8222	O'Donnell Ave.
J-8249	500	744.19	500	744.19	20.01	34.87	J-7394	Maude Ave.
J-7216	500	744.39	502.49	746.88	20.03	7.29	J-8307	Francis St.
J-2504	500	745.12	503.59	748.71	20	23.95	J-2502	Beverly Rd.
J-7893	500	746.52	502.49	749.02	35.83	0	J-8222	Washington St.
J-8045	500	746.86	502.49	749.36	35.8	0	J-8222	Washington St.
J-8046	500	747.48	502.49	749.97	35.73	0	J-8222	Washington St.
J-7885	500	747.79	502.49	750.28	20	1.56	J-8222	Marshall Cir.
J-243	500	749.72	503.13	752.85	20.03	1.27	J-8222	Newell St.
J-8058	500	750.01	502.49	752.5	20	7.29	J-8307	Colvintown Rd.
J-7695	500	750.91	502.49	753.4	35.33	0	J-8222	Washington St.
J-7700	500	750.94	502.49	753.43	29.53	0	J-8222	Contentment Dr. (Private)
J-396	500	751.09	503.13	754.22	20	0.79	J-8222	Fairgreen Dr.
J-6006	500	753.67	502.51	756.18	20.02	1.52	J-8222	Reservation Dr.
J-2488	500	754.29	503.59	757.88	20.07	2.03	J-8222	Jambray Ave.
J-7854	500	754.9	502.49	757.39	20.02	1.74	J-8222	Read Ave.
J-533	500	757.58	503.13	760.71	20	1.37	J-8222	Main St.
J-2558	500	758.3	503.59	761.89	20.04	1.18	J-8222	Cactus St.
J-7830	500	758.37	502.49	760.86	20	1.42	J-8222	Gerald Ave.
J-916	500	758.57	503.13	761.71	34.3	0.02	J-886	Main St.
J-7770	500	758.62	502.49	761.11	20.02	1.2	J-8222	Sandalwood Ct.
J-2251	500	759.03	503.59	762.62	20	25.17	J-2508	Bruce Ln.
J-7918	500	759.03	502.49	761.52	20	1.65	J-8222	Fones St.
J-8076	500	759.55	502.49	762.04	36.66	0	J-8222	Washington St.
J-159	500	760.18	503.13	763.31	29.45	0	J-166	Alden Dr.
J-2557	500	760.2	503.59	763.79	20.04	1.18	J-8222	Cactus St.
J-312	500	760.63	503.13	763.76	20	1.06	J-8222	Lexington Ave.
J-253	500	760.66	503.13	763.79	20.04	1.26	J-8222	Newell St.
J-7899	500	761.02	502.49	763.51	36.44	0	J-8222	Washington St.
J-7949	500	761.43	502.49	763.92	20.01	1.49	J-8222	Elmonte Dr.
J-8075	500	761.56	502.49	764.05	27.22	0	J-8222	Capwell St.
J-2556	500	761.93	503.59	765.52	20.04	1.18	J-8222	Cactus St.
J-8074	500	762.49	502.49	764.98	35.8	0	J-8222	Washington St.
J-389	500	762.5	503.13	765.64	20	0.16	J-8222	Tina Dr. (Private)
J-3024	500	764.33	502.67	767	20.01	31.78	J-3023	Cambio Ct.
J-274	500	764.42	503.13	767.56	20.01	1.42	J-8222	Factory St.

Kent County Water Authority  
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J-406	500	765.67	503.13	768.8	34.52	0	J-8222	Cowesett Rd.
J-252	500	765.72	503.13	768.86	20.06	1.25	J-8222	Newell St.
J-369	500	766.99	503.13	770.13	34.72	0	J-8222	Joaquin Ct.
J-8050	500	767.11	502.49	769.6	27.1	0	J-8222	Knotty Oak Rd.
J-2604	500	767.14	503.59	770.73	20.03	1.35	J-8222	Benefit St.
J-7874	500	767.15	502.49	769.65	20.01	1.79	J-8222	Park Ave.
J-1248	500	769.25	500	769.25	20.02	1.15	J-8222	Centerville Mills
J-534	500	769.29	503.13	772.42	20	1.36	J-8222	Main St.
J-5037	500	769.57	503.01	772.59	20.02	22.74	J-5038	Amanda St.
J-7851	500	769.86	502.49	772.35	20.02	1.71	J-8222	Ernest St.
J-6064	500	770.99	502.51	773.5	26.39	0	J-6004	North Rd.
J-7704	500	770.99	502.49	773.48	43.79	0	J-8222	Washington St.
J-7705	500	772.33	502.49	774.82	41.77	0	J-8222	Washington St.
J-8138	500	772.94	502.49	775.43	20.02	1.18	J-8222	Sandalwood Ct.
J-7950	500	774.1	502.49	776.59	20.01	1.47	J-8222	Canyon Dr.
J-6068	500	774.34	502.51	776.85	20.02	1.48	J-8222	Main St.
J-7855	500	774.79	502.49	777.29	20.02	1.73	J-8222	Read Ave.
J-7794	500	775.71	502.49	778.2	45.96	0	J-8222	Washington St.
J-335	500	776.34	503.13	779.48	20	0.18	J-8222	Bel Air Ave.
J-7852	500	777.68	502.49	780.17	20.02	1.71	J-8222	Read Ave.
J-251	500	777.81	503.13	780.94	20	0.4	J-248	Babcock St.
J-7818	500	778.92	502.49	781.42	20	1.39	J-8222	Cecile Ave.
J-7694	500	779.37	502.49	781.86	28.16	0	J-8222	Knotty Oak Rd.
J-567	500	780.7	503.13	783.83	20.01	1.73	J-8222	Willow St.
J-2487	500	780.78	503.59	784.36	20.61	0.13	J-2485	Jambray Ave.
J-577	500	780.97	503.13	784.1	20.02	1.71	J-8222	West St.
J-7330	500	781.91	502.49	784.4	20.08	7.29	J-8307	Benoit St.
J-2323	500	782.58	503.59	786.17	20.01	0.71	J-8222	Alicia Ct.
J-382	500	783.66	503.13	786.79	32.91	0	J-8222	Cochran St.
J-384	500	783.67	503.13	786.81	24.46	0	J-8222	Cochran St.
J-2470	500	786.47	503.59	790.06	20	1.36	J-8222	Burton St.
J-806	500	787.97	503.13	791.1	20.01	1.69	J-8222	Summit Ave.
J-241	500	789.5	503.13	792.64	20	1.23	J-8222	Petti Dr.
J-317	500	789.72	503.13	792.85	20	0.98	J-8222	Ridge St.
J-986	500	790.64	503.13	793.77	20.02	1.66	J-8222	Maple St.
J-5126	500	791.3	503.01	794.31	20	46.16	J-166	Normandy Dr.
J-354	500	792.87	503.13	796	31.89	0	J-8222	Hamilton St.
J-180	500	793.14	503.13	796.27	20.02	26.47	J-179	Alden Dr.
J-2155	500	793.57	503.59	797.15	20	1.32	J-8222	Hedgerow Dr.
J-7887	500	793.78	502.49	796.27	20.02	1.52	J-8222	Marshall Cir.
J-352	500	793.94	503.13	797.07	31.12	0	J-8222	Hamilton St.
J-353	500	793.95	503.13	797.08	23.04	0	J-8222	Evelyn St.
J-8248	500	794.37	500	794.37	20.01	22.98	J-7381	Lorraine Ave.
J-2476	500	794.77	503.59	798.36	20	1.36	J-8222	West Pontiac St.
J-350	500	795.53	503.13	798.66	28.09	0	J-8222	Hamilton St.
J-7672	500	796.04	502.49	798.54	20	32.59	J-7671	Amherst Ave.
J-355	500	796.88	503.13	800.02	23	0	J-8222	Coit Ave.
J-885	500	796.93	503.13	800.07	20	1.78	J-8222	Gough Ave.
J-347	500	797.9	503.13	801.03	35.45	0	J-8222	Tampa St.
J-4068	500	798.6	503.61	802.21	20	2.33	J-8222	River Run
J-242	500	799.02	503.13	802.16	20.01	1.21	J-8222	Newell St.
J-2144	500	799.12	503.59	802.71	20	1.31	J-8222	Red Chimney Dr.
J-348	500	800.95	503.13	804.08	32.8	0	J-8222	Coit Ave.
J-7329	500	801.67	502.49	804.16	20	7.29	J-8307	Benoit St.
J-364	500	801.9	503.13	805.03	35.15	0	J-8222	Lockwood St.
J-7825	500	801.93	502.49	804.42	20	1.36	J-8222	Macarthur Blvd.
J-240	500	804.08	503.13	807.21	20.01	1.2	J-8222	Petti Dr.
J-332	500	805.6	503.13	808.74	20.05	0.9	J-8222	Faxon St.
J-5036	500	806.13	503.01	809.15	20.02	18.72	J-5038	Amanda St.
J-2320	500	806.28	503.59	809.87	20	0.68	J-8222	Blue Ridge Rd.
J-349	500	806.76	503.13	809.89	29.3	0	J-8222	Coit Ave.
J-1159	500	806.82	503.13	809.95	26.6	0	J-8222	Grant St.
J-2157	500	808.47	503.59	812.06	20	1.3	J-8222	South Cobblehill Rd.
J-8073	500	808.87	502.49	811.36	20	40.69	J-7595	Mohawk St.
J-1161	500	809.19	503.13	812.32	26.45	0	J-8222	Ontario St.
J-363	500	809.37	503.13	812.5	32.72	0	J-8222	Lockwood St.

Kent County Water Authority  
Available Fire Flows

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J-859	500	811.07	503.13	814.2	20.92	0.06	J-860	Potter Ave.
J-4438	500	813.55	503.61	817.16	20	26.21	J-2502	Kenyon Ave.
J-2321	500	813.62	503.59	817.21	20	0.67	J-8222	Alanna Ct.
J-530	500	816.33	503.13	819.47	20	1.26	J-8222	Main St.
J-362	500	817.77	503.13	820.9	36.79	0	J-8222	Lockwood St.
J-4624	500	818.3	500	818.3	20.01	2.29	J-8222	Brooks Pharmacy Domestic Line
J-1007	500	818.99	503.13	822.12	20.02	1.61	J-8222	LeValley St.
J-7948	500	819.05	502.49	821.55	20.01	1.42	J-8222	Elmonte Dr.
J-359	500	819.48	503.13	822.62	39.72	0.01	J-8222	Glen Dr.
J-361	500	819.62	503.13	822.75	36.04	0.01	J-8222	Lockwood St.
J-360	500	819.64	503.13	822.78	28.12	0	J-8222	Glen Dr.
J-450	500	820.27	503.13	823.4	20	1.36	J-8222	Carlton Pl.
J-345	500	820.43	503.13	823.56	32.12	0.01	J-8222	Coit Ave.
J-2658	500	820.88	500	820.88	20	2.25	J-8222	Major Potter Rd.
J-7381	500	820.98	502.49	823.48	20.02	33.43	J-8248	Lorraine Ave.
J-8221	500	821.19	502.49	823.68	20.05	7.28	J-8307	Colvintown Rd.
J-346	500	821.33	503.13	824.46	32.49	0	J-8222	Coit Ave.
J-358	500	821.78	503.13	824.91	39.73	0	J-8222	Atlantic Ave.
J-208	500	822.04	503.13	825.18	20	1.66	J-8222	Barbers Ct.
J-8137	500	822.21	502.49	824.7	20.03	1.11	J-8222	Sandalwood Ct.
J-7394	500	823.9	502.49	826.39	20.02	28.28	J-7393	Helen Ave.
J-344	500	825.94	503.13	829.08	37.4	0	J-8222	Coit Ave.
J-807	500	826.01	503.13	829.14	20.01	1.66	J-8222	Summit Ave.
J-343	500	826.73	503.13	829.87	40.2	0	J-8222	Noxon St.
J-7214	500	828.46	502.49	830.96	20.06	7.28	J-8307	Holden St.
J-333	500	829.07	503.13	832.21	20	0.86	J-8222	Mary Ave.
J-6005	500	831.16	502.51	833.67	26.4	0	J-6004	North Rd.
J-7215	500	831.34	502.49	833.83	20.06	7.28	J-8307	Francis St.
J-342	500	833.29	503.13	836.43	33.58	0	J-8222	Tampa St.
J-196	500	833.3	503.13	836.43	20.01	1.37	J-8222	Wakefield St.
J-4494	500	834.57	503.61	838.18	20.05	25.91	J-2502	Pierce St.
J-1002	500	836	503.13	839.14	20.02	1.61	J-8222	LeValley St.
J-239	500	836.12	503.13	839.26	20	1.18	J-8222	Newell St.
J-383	500	836.52	503.13	839.65	34.86	0	J-8222	Cowesett Rd.
J-2469	500	836.87	503.59	840.46	20	1.34	J-8222	Baker St.
J-7203	500	837.51	502.49	840	20.05	7.28	J-8307	Abbotts Crossing Rd.
J-336	500	837.8	503.13	840.94	28.93	0	J-8222	Tampa St.
J-356	500	838.43	503.13	841.57	38.5	0	J-8222	Coit Ave.
J-265	500	839.14	503.13	842.28	20	1.31	J-8222	Greenbriar Rd.
J-2138	500	839.48	503.59	843.07	20.01	1.25	J-8222	Red Chimney Dr.
J-7826	500	839.61	502.49	842.11	20	1.31	J-8222	Macarthur Blvd.
J-334	500	840.18	503.13	843.32	22.26	0	J-8222	Mason St.
J-304	500	840.65	503.13	843.79	20	0.96	J-8222	Edith St.
J-7654	500	841.47	502.49	843.97	20	1.6	J-8222	Ray St.
J-634	500	843.4	503.13	846.54	20	1.8	J-8222	Kinne St.
J-280	500	845.54	503.13	848.67	20.01	1.31	J-8222	Webster Knight Dr.
J-7331	500	847.56	502.49	850.05	20	7.28	J-8307	Boston St.
J-4067	500	847.76	503.61	851.38	20	2.33	J-8222	Quail Ct.
J-207	500	847.8	503.13	850.93	25.14	0	J-220	Prospect Hill Ave.
J-291	500	849.4	503.13	852.54	20.01	1.3	J-8222	St. George St.
J-7213	500	849.99	502.49	852.49	20.07	7.28	J-8307	Holden St.
J-4258	500	852.42	503.61	856.03	20	26.68	J-2502	Devon Pl.
J-267	500	852.87	503.13	856	20	1.29	J-8222	New London Ave.
J-7821	500	852.93	502.49	855.42	20	1.29	J-8222	Macarthur Blvd.
J-739	500	855.23	503.13	858.37	20	1.75	J-8222	Hoover St.
J-2554	500	855.53	503.59	859.12	20	1.04	J-8222	Bridal Ave.
J-390	500	855.91	503.13	859.05	33.74	0	J-8222	Cowesett Rd.
J-7075	500	856.27	502.49	858.76	20.05	27.08	J-7076	Island Dr.
J-2212	500	858.75	503.59	862.34	20	1.32	J-8222	Flagg Ave.
J-2197	500	860.18	503.59	863.77	20	2.32	J-8222	Welthian Ct.
J-276	500	860.94	503.13	864.07	20	1.28	J-8222	Rex St.
J-622	500	863.89	503.13	867.03	20.01	1.97	J-8222	Bouchard St.
J-179	500	863.93	503.13	867.07	20.04	20.47	J-180	Alden Dr.
J-5028	500	864.6	503.01	867.61	20.03	24.69	J-5029	Ellison St.
J-206	500	864.74	503.13	867.87	25.2	0	J-220	Prospect Hill Ave.
J-1092	500	864.95	503.13	868.08	20	1.24	J-8222	Morris St.

Kent County Water Authority  
Available Fire Flows

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J-275	500	865.06	503.13	868.19	20	1.28	J-8222	Queen Ave.
J-401	500	867.47	503.13	870.6	31.99	0	J-8222	Cowesett Rd.
J-486	500	868.61	503.13	871.74	20	1.23	J-8222	Podgurski St.
J-7076	500	872.81	502.49	875.3	20.05	23.63	J-7075	Island Dr.
J-4497	500	873.28	503.61	876.89	20	25.51	J-2502	Revolution St.
J-238	500	873.39	503.13	876.53	20	1.16	J-8222	Newell St.
J-233	500	875.8	503.13	878.93	20	1.96	J-8222	Blossom St.
J-136	500	877.33	503.13	880.47	20.04	26.62	J-137	Forest Ave.
J-4219	500	879.61	503.61	883.22	20	26.51	J-2502	Walnut Dr.
J-754	500	881.63	503.13	884.76	20.01	1.69	J-8222	Clyde St.
J-676	500	882.23	503.13	885.36	20.03	1.59	J-8222	Sunrise Ave.
J-7385	500	882.76	502.49	885.25	20.03	33	J-7384	Noella Ave.
J-4531	500	883.54	503.61	887.15	20.01	25.74	J-2502	Crompton Ave.
J-1012	500	886.5	503.13	889.63	20.03	1.57	J-8222	Richard St.
J-7600	500	886.81	502.49	889.3	20	20	J-7601	Mohawk St.
J-3036	500	888.41	502.67	891.08	20	16.95	J-3038	Valerie Dr.
J-168	500	890.66	503.13	893.79	20	19.49	J-166	Alden Dr.
J-4066	500	893.4	503.61	897.01	20	2.33	J-8222	River Run
J-331	500	894.21	503.13	897.34	20	0.75	J-8222	Mary Ave.
J-5027	500	894.84	503.01	897.86	20.03	20.78	J-5028	Amanda St.
J-7080	500	895.41	502.49	897.9	20	33.62	J-3038	Sharon Dr.
J-757	500	897.4	503.13	900.54	20.04	1.64	J-8222	Smith St.
J-7007	500	900.98	502.49	903.47	20.02	31.06	J-3038	Isle of Capri Rd.
J-494	500	901.38	503.13	904.51	20	1.19	J-8222	Aldrich St.
J-153	500	905.4	503.13	908.53	20	25.49	J-166	Midway Dr.
J-4495	500	906.58	503.61	910.19	20	12.01	J-4494	Dedford St.
J-5029	500	907.91	503.01	910.93	20.04	16.5	J-5028	Ellison St.
J-2098	500	908.71	503.59	912.3	20	1.14	J-8222	Hallmark Dr.
J-5023	500	910.44	503.01	913.46	20.02	36.8	J-5028	Allard St.
J-2013	500	910.52	503.59	914.11	20	1.06	J-8222	Baldwin Rd.
J-329	500	911.08	503.13	914.21	20	0.74	J-8222	Ethel Ave.
J-289	500	912.01	503.13	915.15	20.02	1.21	J-8222	Queen Ave.
J-2215	500	912.44	503.59	916.03	20	1.29	J-8222	Founder Ave.
J-2057	500	914.61	503.59	918.2	20.04	1.15	J-8222	Viceroy Rd.
J-7393	500	915.71	502.49	918.2	20.04	20.04	J-7394	Maude Ave.
J-2198	500	916.05	503.59	919.64	20	2.32	J-8222	Welthian Ct.
J-1017	500	916.19	503.13	919.33	20.06	1.53	J-8222	North Pleasant St.
J-778	500	917.07	503.13	920.21	20	1.68	J-8222	Centracchio St.
J-2305	500	917.08	503.59	920.67	20	25.46	J-2502	Duane St.
J-595	500	917.78	503.13	920.91	20	1.44	J-8222	Crawford St.
J-7815	500	918.36	502.49	920.85	20	1.2	J-8222	Macarthur Blvd.
J-2208	500	918.37	503.59	921.96	20	1.28	J-8222	Sutter Ave.
J-2493	500	918.53	503.59	922.12	20	2.32	J-8222	Shady Glen Dr.
J-151	500	919.49	503.13	922.62	20	24.97	J-166	Woodland Dr.
J-5035	500	920.09	503.01	923.11	20.04	15.28	J-5038	Amanda St.
J-1066	500	920.3	503.13	923.44	20	1.2	J-8222	Hilltop Ave.
J-2333	500	920.83	503.59	924.42	20	0.03	J-8222	Cowesett Rd.
J-7074	500	922.72	502.49	925.21	20	18.27	J-7075	Island Dr.
J-306	500	923.86	503.13	927	20	0.83	J-8222	Wells St.
J-8246	500	924.79	500	924.79	20.04	35.18	J-7401	Clifton Ave.
J-2092	500	925.45	503.59	929.04	20	1.11	J-8222	Major Potter Rd.
J-4448	500	926.17	503.61	929.78	20	26.04	J-2502	Kenyon Ave.
J-7679	500	926.23	502.49	928.73	37.21	0	J-8222	Laurel Ave.
J-7254	500	927.78	502.49	930.28	20	7.27	J-8307	Teakwood Dr. West
J-7256	500	927.83	502.49	930.32	20	7.27	J-8307	Watercress Ct.
J-2135	500	928.04	503.59	931.63	20.02	1.11	J-8222	North Winnisquam Dr.
J-7859	500	930.47	502.49	932.96	20	1.61	J-8222	Read Ave.
J-783	500	932.03	503.13	935.16	20.04	1.6	J-8222	Phenix Ave.
J-181	500	933.56	503.13	936.69	20	21.58	J-178	Crossland Dr.
J-303	500	933.85	503.13	936.98	20	0.81	J-8222	Bishop St.
J-7864	500	935.43	502.49	937.92	20.03	1.63	J-8222	Phillip St.
J-881	500	937.85	503.13	940.98	20	1.7	J-8222	Gough Ave.
J-4378	500	939.23	503.61	942.84	20	26.36	J-2502	Oakwood Dr.
J-756	500	941.39	503.13	944.52	20.05	1.61	J-8222	Oak St.
J-5026	500	941.77	503.01	944.78	20	16.67	J-5028	Loring St.
J-4471	500	941.81	503.61	945.42	20	25.82	J-2502	Spring St.

Kent County Water Authority  
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J-2133	500	942.31	503.59	945.9	20	1.09	J-8222	Contour Rd.
J-7252	500	943.48	502.49	945.97	20	7.27	J-8307	Teakwood Dr. West
J-7255	500	945.71	502.49	948.21	20	7.27	J-8307	Watercress Ct.
J-7253	500	945.8	502.49	948.29	20	7.27	J-8307	Teakwood Dr. West
J-6067	500	947.01	502.51	949.52	20.04	1.31	J-8222	Ives St.
J-565	500	947.16	503.13	950.29	20	1.2	J-8222	West Warwick Ave.
J-661	500	950.85	503.13	953.98	20	1.54	J-8222	Quinn Dr.
J-2015	500	951.5	503.59	955.09	20.01	1.04	J-8222	Douglas Rd.
J-2134	500	952.03	503.59	955.62	20	1.07	J-8222	Contour Rd.
J-7671	500	955.02	502.49	957.52	20.01	16.11	J-7672	Wesleyan Ave.
J-137	500	955.62	503.13	958.76	20	20.12	J-136	Victory Ave.
J-7719	500	955.89	502.49	958.39	21.92	0	J-8222	White Rock Dr.
J-1016	500	958.07	503.13	961.2	20.05	1.5	J-8222	Summit Ave.
J-87	500	959.47	503.13	962.61	23.99	0	J-8222	New London Tpk.
J-2316	500	960.65	503.59	964.23	20	0.9	J-8222	Hardig Rd. (Private)
J-273	500	961.2	503.13	964.33	20	1.14	J-8222	New London Ave.
J-7248	500	961.92	502.49	964.41	20	7.27	J-8307	Laura Ct.
J-5033	500	962.13	503.01	965.14	20.04	18.47	J-5028	Esther St.
J-2466	500	962.26	503.59	965.85	20	1.29	J-8222	Blade St.
J-7816	500	963.42	502.49	965.91	20	1.14	J-8222	Cardinal Ave.
J-2127	500	965.94	503.59	969.53	20	1.05	J-8222	Cobble Hill Rd.
J-154	500	966.36	503.13	969.49	20	23.19	J-166	Shortway Dr.
J-7947	500	966.71	502.49	969.2	20.03	1.26	J-8222	Eleanor Dr.
J-789	500	968.11	503.13	971.25	22.97	0	J-792	Linwood St.
J-7599	500	968.68	502.49	971.17	20	27.42	J-7601	Seneca St.
J-1093	500	968.81	503.13	971.94	20	1.08	J-8222	Morris St.
J-5031	500	971.66	503.01	974.67	20	13.5	J-5028	Warren Ave.
J-850	500	973.38	503.13	976.51	20	1.48	J-8222	St. Mary St.
J-319	500	973.39	503.13	976.52	20	0.68	J-8222	Revere Ave.
J-2355	500	973.4	503.59	976.99	30.33	0.03	J-2358	Country View Dr.
J-158	500	974.29	503.13	977.42	29.47	0	J-166	Shortway Dr.
J-2190	500	975.92	503.59	979.51	20.01	1.04	J-8222	Major Potter Rd.
J-7849	500	977.54	502.49	980.03	20	1.42	J-8222	Rathbun St.
J-5030	500	978.22	503.01	981.23	20	10.96	J-5028	Benjamin St.
J-204	500	978.86	503.13	982	28.29	0	J-220	Prospect Hill Ave.
J-258	500	979.54	503.13	982.67	21.32	0.01	J-262	Tower Rd.
J-4288	500	980.27	503.61	983.88	20.01	25.64	J-4264	John Alden Rd.
J-1268	500	980.28	500	980.28	20	1.45	J-8222	Hunters Reserve
J-2657	500	980.3	500	980.3	20.01	2.23	J-8222	Major Potter Rd.
J-7250	500	980.9	502.49	983.39	20	7.27	J-8307	Heather Ct.
J-761	500	981.75	503.13	984.88	20.06	1.58	J-8222	Westly St.
J-4496	500	982.15	503.61	985.76	20	20.3	J-4497	Pierce St.
J-1166	500	983.16	503.13	986.29	24.05	0	J-8222	New London Tpk.
J-800	500	985.52	503.13	988.65	20	1.56	J-8222	Stembach St.
J-4185	500	987.31	503.61	990.92	20	2.3	J-8222	Spring Valley Dr.
J-256	500	989.32	503.13	992.46	25.83	0	J-262	Tanglewood Dr.
J-4472	500	989.48	503.61	993.09	20	25.76	J-2502	Spring St.
J-7811	500	989.5	502.49	991.99	20	1.11	J-8222	Macarthur Blvd.
J-7402	500	990.84	502.49	993.33	20.05	27.49	J-8246	Marion Ave.
J-2131	500	991.25	503.59	994.84	20	1.01	J-8222	Peacock Rd.
J-7251	500	993.38	502.49	995.87	20	7.27	J-8307	Teakwood Dr. West
J-7919	500	993.5	502.49	995.99	20	1.44	J-8222	Hillside Ave.
J-264	500	995.76	503.13	998.9	37.81	0	J-262	Morningside Dr.
J-2569	500	998.59	503.59	1,002.18	20	2.32	J-8222	Bay View Ave.
J-288	500	998.95	503.13	1,002.08	20.01	1.09	J-8222	Earl St.

## Appendix B

Available Fire Flow by Junction Node (1,000 gpm – 3,500 gpm)

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-4184	500	1,001.96	503.61	1,005.57	20	2.3	J-8222
J-2319	500	1,002.49	503.59	1,006.08	20	0.46	J-8222
J-2432	500	1,003.73	503.59	1,007.32	20.03	24.32	J-2508
J-2209	500	1,003.99	503.59	1,007.58	20.01	1.22	J-8222
J-73	500	1,004.00	503.13	1,007.13	20.01	25.95	J-1185
J-257	500	1,004.33	503.13	1,007.46	35.73	0	J-262
J-177	500	1,004.55	503.13	1,007.69	20	16.09	J-178
J-1267	500	1,005.77	500	1,005.77	20	1.43	J-8222
J-4434	500	1,007.99	503.61	1,011.60	20	26	J-2502
J-7384	500	1,009.43	502.49	1,011.92	20	20	J-7385
J-2612	500	1,010.43	503.59	1,014.02	20	0.99	J-8222
J-4159	500	1,010.82	503.61	1,014.43	20.01	2.32	J-8222
J-2263	500	1,011.16	503.59	1,014.75	20.01	23.93	J-2508
J-2094	500	1,011.39	503.59	1,014.98	20.03	0.98	J-8222
J-551	500	1,011.67	503.13	1,014.81	20	1.35	J-8222
J-255	500	1,013.19	503.13	1,016.32	43.59	0.02	J-262
J-810	500	1,013.77	503.13	1,016.90	20.04	1.48	J-8222
J-7249	500	1,013.91	502.49	1,016.40	20	7.27	J-8307
J-1010	500	1,015.17	503.13	1,018.30	20	1.46	J-8222
J-7846	500	1,015.57	502.49	1,018.06	20	1.35	J-8222
J-4183	500	1,016.03	503.61	1,019.64	20	2.3	J-8222
J-936	500	1,016.82	503.13	1,019.95	20	0.74	J-8222
J-2354	500	1,019.49	503.59	1,023.08	30.13	0.02	J-2358
J-2353	500	1,019.78	503.59	1,023.37	37.3	0.01	J-2358
J-510	500	1,022.79	503.13	1,025.93	20	1.01	J-8222
J-7861	500	1,023.14	502.49	1,025.63	20	1.55	J-8222
J-1273	500	1,023.26	500	1,023.26	20	1.42	J-8222
J-1064	500	1,023.76	503.13	1,026.90	20	1.62	J-8222
J-287	500	1,023.76	503.13	1,026.90	20.01	0.65	J-262
J-272	500	1,024.30	503.13	1,027.43	23.09	0.01	J-262
J-279	500	1,024.59	503.13	1,027.73	20	0.27	J-262
J-7703	500	1,025.72	502.49	1,028.21	42.85	0	J-8222
J-278	500	1,026.20	503.13	1,029.33	24.73	0	J-262
J-4162	500	1,027.26	503.61	1,030.87	20.01	2.32	J-8222
J-277	500	1,027.68	503.13	1,030.82	33.79	0	J-262
J-621	500	1,029.33	503.13	1,032.46	20	1.9	J-8222
J-2286	500	1,029.41	503.59	1,033.00	20	23.46	J-2281
J-286	500	1,030.05	503.13	1,033.19	32.17	0	J-262
J-566	500	1,030.88	503.13	1,034.02	20	1.35	J-8222
J-655	500	1,030.98	503.13	1,034.11	20	1.46	J-8222
J-2184	500	1,034.89	503.59	1,038.48	20.02	26.26	J-2502
J-883	500	1,038.21	503.13	1,041.35	20	1.57	J-8222
J-281	500	1,038.28	503.13	1,041.42	27.77	0	J-262
J-3034	500	1,038.93	502.67	1,041.60	20	15.6	J-3038
J-285	500	1,039.59	503.13	1,042.72	29.81	0	J-262
J-501	500	1,041.34	503.13	1,044.47	20	1	J-8222
J-152	500	1,042.43	503.13	1,045.56	20	20.19	J-166
J-7247	500	1,042.59	502.49	1,045.08	20	7.26	J-8307
J-1100	500	1,042.65	503.13	1,045.78	22.03	0	J-8222
J-884	500	1,042.93	503.13	1,046.06	20	1.58	J-8222
J-228	500	1,044.96	503.13	1,048.09	20	1.85	J-8222
J-284	500	1,046.23	503.13	1,049.36	37.92	0	J-262
J-7606	500	1,050.05	502.49	1,052.54	20	24.52	J-8073
J-5032	500	1,050.37	503.01	1,053.38	20	10.77	J-5028
J-8136	500	1,050.86	502.49	1,053.35	20	0.77	J-8222
J-7595	500	1,051.72	502.49	1,054.21	20	41.02	J-7601
J-7382	500	1,052.12	502.49	1,054.61	20	20.86	J-7394



Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-4158	500	1,053.53	503.61	1,057.14	20.01	2.32	J-8222
J-167	500	1,053.71	503.13	1,056.84	20	10.92	J-166
J-7328	500	1,054.46	502.49	1,056.95	20	7.26	J-8307
J-2097	500	1,054.56	503.59	1,058.15	20	0.91	J-8222
J-305	500	1,054.80	503.13	1,057.94	20	0.64	J-8222
J-5107	500	1,056.51	503.01	1,059.53	20	15.37	J-166
J-1076	500	1,056.85	503.13	1,059.98	20.06	1.42	J-8222
J-4181	500	1,057.09	503.61	1,060.70	20	2.3	J-8222
J-2456	500	1,057.91	503.59	1,061.50	20.04	24.01	J-2508
J-1247	500	1,058.67	500	1,058.67	20	0.72	J-8222
J-480	500	1,059.23	503.13	1,062.37	20	0.94	J-8222
J-1094	500	1,060.05	503.13	1,063.18	20	0.96	J-8222
J-4323	500	1,061.36	503.61	1,064.97	20.01	25.22	J-4324
J-2049	500	1,061.58	503.59	1,065.17	20.02	1.05	J-8222
J-609	500	1,061.79	503.13	1,064.92	20	1.56	J-8222
J-2352	500	1,062.06	503.59	1,065.65	43.29	0.01	J-2358
J-5108	500	1,063.08	503.01	1,066.10	20	15.05	J-166
J-668	500	1,064.85	503.13	1,067.98	20	1.45	J-8222
J-7245	500	1,066.99	502.49	1,069.48	20	7.26	J-8307
J-780	500	1,067.14	503.13	1,070.28	20	1.58	J-8222
J-7848	500	1,068.19	502.49	1,070.68	20	1.32	J-8222
J-667	500	1,068.70	503.13	1,071.83	20	1.45	J-8222
J-7327	500	1,069.35	502.49	1,071.85	20	7.26	J-8307
J-1011	500	1,070.55	503.13	1,073.68	20	1.42	J-8222
J-2214	500	1,071.58	503.59	1,075.17	20.02	1.17	J-8222
J-8247	500	1,073.93	500	1,073.93	20	26.66	J-7386
J-5093	500	1,074.27	503.01	1,077.28	20.01	33.08	J-5092
J-1264	500	1,074.42	500	1,074.42	20	1.37	J-8222
J-2129	500	1,074.92	503.59	1,078.50	20	0.89	J-8222
J-7401	500	1,076.10	502.49	1,078.59	20	18.7	J-8246
J-5090	500	1,077.21	503.01	1,080.22	20.01	23.04	J-5091
J-7312	500	1,078.98	502.49	1,081.47	20	7.26	J-8307
J-818	500	1,080.59	503.13	1,083.72	20	1.28	J-8222
J-2012	500	1,082.45	503.59	1,086.04	20.02	0.95	J-8222
J-391	500	1,083.34	503.13	1,086.47	40.23	0	J-8222
J-4407	500	1,083.85	503.61	1,087.46	20.01	26.44	J-2502
J-4161	500	1,084.12	503.61	1,087.73	20.02	2.32	J-8222
J-2016	500	1,085.42	503.59	1,089.01	20.02	0.95	J-8222
J-5025	500	1,086.42	503.01	1,089.43	20	9.17	J-5028
J-7246	500	1,089.19	502.49	1,091.68	20	7.26	J-8307
J-1263	500	1,089.60	500	1,089.60	20	1.36	J-8222
J-3037	500	1,090.34	502.67	1,093.01	23.36	0	J-3038
J-3039	500	1,090.34	502.67	1,093.01	22.1	0	J-3038
J-7314	500	1,090.59	502.49	1,093.08	20	7.26	J-8307
J-1245	500	1,091.79	500	1,091.79	20	0.68	J-8222
J-2130	500	1,092.25	503.59	1,095.83	20	0.86	J-8222
J-1246	500	1,092.40	500	1,092.40	20	0.68	J-8222
J-5099	500	1,093.57	503.01	1,096.59	20	13.57	J-166
J-4324	500	1,094.10	503.61	1,097.71	20.01	21.56	J-4323
J-2011	500	1,096.16	503.59	1,099.74	20.02	0.94	J-8222
J-4572	500	1,096.70	503.61	1,100.31	20	2.33	J-8222
J-7698	500	1,096.75	502.49	1,099.24	35.94	0	J-8222
J-1271	500	1,101.16	500	1,101.16	20	1.35	J-8222
J-2599	500	1,101.27	503.59	1,104.85	20	0.84	J-8222
J-2330	500	1,101.28	503.59	1,104.87	20	0.26	J-8222
J-7829	500	1,101.64	502.49	1,104.13	20.01	0.96	J-8222
J-1072	500	1,101.95	503.13	1,105.09	20	1.22	J-8222

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-7380	500	1,103.15	502.49	1,105.64	20	26.6	J-7378
J-3027	500	1,104.66	502.67	1,107.33	20.02	29.41	J-3038
J-4103	500	1,105.75	503.61	1,109.37	20	2.31	J-8222
J-7605	500	1,106.39	502.49	1,108.88	20.01	19.57	J-8073
J-7702	500	1,106.78	502.49	1,109.28	44.88	0	J-8222
J-4322	500	1,107.65	503.61	1,111.26	20.01	20.01	J-4323
J-777	500	1,107.74	503.13	1,110.88	20	1.55	J-8222
J-8234	500	1,107.87	500	1,107.87	20.24	0	J-8222
J-2128	500	1,108.60	503.59	1,112.19	20	0.83	J-8222
J-4405	500	1,109.10	503.61	1,112.71	20.01	25.71	J-4406
J-7872	500	1,110.63	502.49	1,113.12	20.01	1.46	J-8222
J-7313	500	1,111.48	502.49	1,113.97	20	7.26	J-8307
J-7291	500	1,111.76	502.49	1,114.25	20	7.26	J-8307
J-3022	500	1,112.36	502.67	1,115.03	20	22.9	J-3023
J-2211	500	1,112.60	503.59	1,116.19	20	1.13	J-8222
J-301	500	1,112.79	503.13	1,115.92	20	0.54	J-8222
J-2313	500	1,113.07	503.59	1,116.66	20	23.65	J-2502
J-665	500	1,113.16	503.13	1,116.30	20	1.41	J-8222
J-449	500	1,113.63	503.13	1,116.76	20	0.94	J-8222
J-1270	500	1,114.10	500	1,114.10	20	1.34	J-8222
J-8066	500	1,116.02	502.49	1,118.51	20	1.04	J-8222
J-4160	500	1,116.19	503.61	1,119.80	20.02	2.32	J-8222
J-7386	500	1,117.83	502.49	1,120.32	20	22.64	J-8247
J-2454	500	1,118.16	503.59	1,121.75	20	18.03	J-2455
J-1269	500	1,120.74	500	1,120.74	20	1.33	J-8222
J-744	500	1,122.74	503.13	1,125.87	20	1.54	J-8222
J-2614	500	1,123.75	503.59	1,127.34	20	0.76	J-8222
J-139	500	1,125.27	503.13	1,128.40	20	30.38	J-166
J-498	500	1,126.87	503.13	1,130.01	20.01	0.86	J-8222
J-5100	500	1,127.06	503.01	1,130.07	20	11.91	J-166
J-7112	500	1,127.81	502.49	1,130.30	20	32.65	J-3038
J-2014	500	1,128.76	503.59	1,132.35	20.02	0.92	J-8222
J-469	500	1,128.80	503.13	1,131.93	20	0.84	J-8222
J-6007	500	1,129.10	502.51	1,131.61	20	1.12	J-8222
J-2573	500	1,129.52	503.59	1,133.11	20.01	2.22	J-8222
J-7814	500	1,131.24	502.49	1,133.73	20	0.92	J-8222
J-1151	500	1,132.34	503.13	1,135.48	20	0.61	J-8222
J-4373	500	1,132.88	503.61	1,136.49	20.01	26.24	J-2502
J-2285	500	1,133.07	503.59	1,136.65	20	20.79	J-2286
J-5101	500	1,133.59	503.01	1,136.60	20	11.58	J-166
J-2318	500	1,134.96	503.59	1,138.55	20	0.33	J-8222
J-5106	500	1,136.19	503.01	1,139.21	20	11.45	J-166
J-824	500	1,136.22	503.13	1,139.35	20	1.29	J-8222
J-7226	500	1,136.91	502.49	1,139.40	20	7.25	J-8307
J-529	500	1,139.95	503.13	1,143.08	20	0.59	J-8222
J-2136	500	1,140.81	503.59	1,144.40	20	0.78	J-8222
J-2611	500	1,140.81	503.59	1,144.40	20.02	0.78	J-8222
J-1266	500	1,141.36	500	1,141.36	20	1.31	J-8222
J-7290	500	1,142.12	502.49	1,144.62	20.01	7.25	J-8307
J-4480	500	1,142.88	503.61	1,146.49	20.01	25.43	J-2502
J-7387	500	1,145.95	502.49	1,148.44	20	20	J-7386
J-3023	500	1,146.06	502.67	1,148.73	20	22.16	J-3024
J-8029	500	1,146.88	502.49	1,149.37	20.01	0.84	J-8222
J-7904	500	1,146.94	502.49	1,149.43	20	1.4	J-8222
J-2467	500	1,147.23	503.59	1,150.82	20	1.22	J-8222
J-607	500	1,147.95	503.13	1,151.08	20	1.48	J-8222
J-2213	500	1,149.63	503.59	1,153.22	20.08	1.1	J-8222

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-2588	500	1,149.80	503.59	1,153.39	20	1.77	J-8222
J-8169	500	1,150.25	506.38	1,156.63	20	0.57	J-8222
J-1272	500	1,150.55	500	1,150.55	20	1.31	J-8222
J-7966	500	1,150.96	502.49	1,153.45	20	1.31	J-8222
J-7598	500	1,151.67	502.49	1,154.16	20.01	20.01	J-7601
J-4479	500	1,152.06	503.61	1,155.67	20.01	25.45	J-2502
J-1150	500	1,152.39	503.13	1,155.52	20	0.58	J-8222
J-2311	500	1,152.79	503.59	1,156.38	20	23.45	J-2502
J-150	500	1,153.84	503.13	1,156.97	20	15.51	J-166
J-1244	500	1,154.13	500	1,154.13	20	0.59	J-8222
J-2103	500	1,154.20	503.59	1,157.79	20.01	0.75	J-8222
J-2473	500	1,155.26	503.59	1,158.85	20	1.23	J-8222
J-4163	500	1,155.75	503.61	1,159.36	20.01	2.31	J-8222
J-1243	500	1,156.39	500	1,156.39	20	1.4	J-8222
J-2117	500	1,157.82	503.59	1,161.41	20.05	0.76	J-8222
J-659	500	1,158.59	503.13	1,161.72	20	1.38	J-8222
J-5102	500	1,158.79	503.01	1,161.81	20	10.3	J-166
J-190	500	1,159.42	503.13	1,162.56	20	1.26	J-8222
J-528	500	1,160.71	503.13	1,163.85	20	0.56	J-8222
J-7078	500	1,162.25	502.49	1,164.74	20	32.48	J-3038
J-2195	500	1,162.51	503.59	1,166.10	20.01	2.31	J-8222
J-156	500	1,163.09	503.13	1,166.22	28.19	0	J-166
J-175	500	1,163.68	503.13	1,166.82	20	28.44	J-166
J-4303	500	1,164.26	503.61	1,167.87	20.01	26.16	J-2502
J-7280	500	1,165.01	502.49	1,167.50	20.01	7.25	J-8307
J-821	500	1,166.30	503.13	1,169.44	20	1.15	J-8222
J-7786	500	1,167.78	502.49	1,170.27	20	0.47	J-8222
J-395	500	1,168.98	503.13	1,172.12	30.66	0	J-8222
J-773	500	1,169.26	503.13	1,172.39	20	1.41	J-8222
J-2040	500	1,170.41	503.59	1,174.00	20	0.9	J-8222
J-2113	500	1,171.99	503.59	1,175.58	20.02	0.73	J-8222
J-5103	500	1,174.28	503.01	1,177.29	20	9.5	J-166
J-1265	500	1,174.90	500	1,174.90	20	1.29	J-8222
J-7311	500	1,175.90	502.49	1,178.40	20	7.25	J-8307
J-2292	500	1,176.57	503.59	1,180.15	20	22.79	J-2281
J-2114	500	1,178.84	503.59	1,182.43	20.02	0.72	J-8222
J-7071	500	1,179.05	502.49	1,181.54	20	27.84	J-7070
J-5060	500	1,179.67	503.01	1,182.68	20	17.61	J-5082
J-2010	500	1,179.82	503.59	1,183.41	20	0.88	J-8222
J-7905	500	1,181.02	502.49	1,183.51	20	1.37	J-8222
J-4406	500	1,181.41	503.61	1,185.02	20.01	21.31	J-4407
J-2425	500	1,183.78	503.59	1,187.37	20	23.26	J-2508
J-7655	500	1,184.46	502.49	1,186.95	20.02	32.74	J-7657
J-776	500	1,184.77	503.13	1,187.90	20	1.5	J-8222
J-7378	500	1,185.76	502.49	1,188.25	20	21.71	J-7380
J-2096	500	1,186.65	503.59	1,190.23	20.02	0.7	J-8222
J-819	500	1,187.26	503.13	1,190.39	20	1.13	J-8222
J-799	500	1,187.38	503.13	1,190.51	20	1.42	J-8222
J-7289	500	1,188.43	502.49	1,190.92	20.01	7.25	J-8307
J-492	500	1,189.46	503.13	1,192.60	20	0.75	J-8222
J-138	500	1,191.06	503.13	1,194.19	20	17.52	J-137
J-820	500	1,192.06	503.13	1,195.20	20	1.12	J-8222
J-738	500	1,193.31	503.13	1,196.44	20.01	1.54	J-8222
J-394	500	1,194.60	503.13	1,197.74	30.99	0	J-8222
J-2006	500	1,195.67	503.59	1,199.26	20	0.83	J-8222
J-1008	500	1,195.82	503.13	1,198.95	20	1.74	J-8222
J-195	500	1,196.27	503.13	1,199.40	20	1.25	J-8222

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-144	500	1,196.35	503.13	1,199.49	20	28.01	J-166
J-7244	500	1,196.80	502.49	1,199.30	20.01	7.25	J-8307
J-7862	500	1,197.00	502.49	1,199.50	20	1.44	J-8222
J-2248	500	1,198.21	503.59	1,201.80	20	22.49	J-2281
J-2102	500	1,198.67	503.59	1,202.26	20.01	0.68	J-8222
J-8134	500	1,198.71	502.49	1,201.20	20	7.25	J-8307
J-5098	500	1,199.33	503.01	1,202.34	20	8.19	J-166
J-189	500	1,199.87	503.13	1,203.01	20	1.24	J-8222
J-4065	500	1,201.05	503.61	1,204.66	20	2.32	J-8222
J-1074	500	1,202.33	503.13	1,205.46	20	1.11	J-8222
J-601	500	1,202.42	503.13	1,205.55	20	1.41	J-8222
J-7613	500	1,202.76	502.49	1,205.25	20	36.81	J-7612
J-652	500	1,203.25	503.13	1,206.38	20	1.33	J-8222
J-4182	500	1,203.70	503.61	1,207.31	20	2.29	J-8222
J-7278	500	1,204.43	502.49	1,206.93	20.01	7.25	J-8307
J-7259	500	1,204.68	502.49	1,207.17	20.01	7.24	J-8307
J-2366	500	1,205.37	503.59	1,208.96	20.09	1.06	J-8222
J-2122	500	1,206.23	503.59	1,209.82	20.02	0.67	J-8222
J-35	500	1,207.99	503.13	1,211.12	20	7.74	J-166
J-779	500	1,209.17	503.13	1,212.30	20	1.49	J-8222
J-7383	500	1,209.74	502.49	1,212.23	20	17.02	J-7380
J-7276	500	1,210.68	502.49	1,213.17	20.01	7.24	J-8307
J-4456	500	1,210.92	503.61	1,214.53	20.01	25.29	J-2502
J-4248	500	1,211.65	503.61	1,215.27	20.01	26.43	J-2502
J-393	500	1,214.48	503.13	1,217.61	28.22	0	J-8222
J-3013	500	1,216.86	502.67	1,219.53	20.03	30.46	J-3038
J-1073	500	1,217.55	503.13	1,220.69	20.01	1.09	J-8222
J-302	500	1,221.68	503.13	1,224.81	22.9	0	J-307
J-2421	500	1,222.23	503.59	1,225.82	20.05	23.03	J-2508
J-4632	500	1,222.61	500	1,222.61	27.27	0	J-4641
J-502	500	1,223.48	503.13	1,226.61	20.02	0.71	J-8222
J-157	500	1,223.55	503.13	1,226.68	23.67	0	J-166
J-4571	500	1,224.27	503.61	1,227.88	20	2.32	J-8222
J-7376	500	1,226.28	502.49	1,228.78	20	21.13	J-7378
J-224	500	1,226.79	503.13	1,229.92	20	1.73	J-8222
J-2656	500	1,228.88	500	1,228.88	20	2.21	J-8222
J-2525	500	1,230.16	503.59	1,233.75	20.01	22.82	J-2508
J-2350	500	1,230.85	503.59	1,234.44	45.45	0	J-2358
J-2351	500	1,230.90	503.59	1,234.49	20.41	0	J-2358
J-4164	500	1,231.78	503.61	1,235.39	20.02	2.31	J-8222
J-183	500	1,234.31	503.13	1,237.44	20	26.66	J-166
J-5104	500	1,234.85	503.01	1,237.86	20	6.31	J-166
J-638	500	1,235.99	503.13	1,239.12	20	1.55	J-8222
J-853	500	1,236.47	503.13	1,239.61	20	1.35	J-8222
J-8030	500	1,236.92	502.49	1,239.41	20	0.7	J-8222
J-5109	500	1,237.30	503.01	1,240.31	20	6.18	J-166
J-8031	500	1,237.32	502.49	1,239.81	20	0.7	J-8222
J-912	500	1,237.54	503.13	1,240.67	20	0.43	J-8222
J-155	500	1,237.72	503.13	1,240.85	23.31	0	J-166
J-8032	500	1,238.47	502.49	1,240.96	20	0.7	J-8222
J-2116	500	1,240.78	503.59	1,244.37	20.02	0.62	J-8222
J-7658	500	1,242.38	502.49	1,244.87	20	22.22	J-7657
J-2038	500	1,242.40	503.59	1,245.99	20	0.8	J-8222
J-2268	500	1,245.19	503.59	1,248.78	20	22.65	J-2508
J-7005	500	1,246.30	502.49	1,248.79	20	22.16	J-7007
J-4178	500	1,248.08	503.61	1,251.69	20	2.29	J-8222
J-2439	500	1,248.48	503.59	1,252.07	20	22.76	J-2438

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-5092	500	1,252.40	503.01	1,255.41	20.02	20.02	J-5093
J-4417	500	1,252.72	503.61	1,256.33	20.01	26.08	J-2502
J-7277	500	1,253.00	502.49	1,255.49	20.01	7.24	J-8307
J-2555	500	1,253.03	503.59	1,256.62	20	0.42	J-8222
J-749	500	1,254.17	503.13	1,257.30	20	1.46	J-8222
J-2610	500	1,255.38	503.59	1,258.97	20	0.64	J-8222
J-5105	500	1,255.93	503.01	1,258.95	20	5.17	J-166
J-254	500	1,256.34	503.13	1,259.48	74.79	0	J-262
J-7275	500	1,256.78	502.49	1,259.27	20.01	7.24	J-8307
J-631	500	1,257.65	503.13	1,260.78	20	1.74	J-8222
J-653	500	1,258.28	503.13	1,261.42	20	1.29	J-8222
J-7227	500	1,259.37	502.49	1,261.86	20	7.24	J-8307
J-7810	500	1,261.05	502.49	1,263.54	20	0.73	J-8222
J-2039	500	1,262.15	503.59	1,265.74	20.02	0.76	J-8222
J-746	500	1,262.29	503.13	1,265.43	20	1.45	J-8222
J-7971	500	1,262.59	502.49	1,265.08	20.01	25.95	J-1185
J-2083	500	1,263.70	503.59	1,267.28	20.01	0.54	J-8222
J-758	500	1,266.03	503.13	1,269.16	20	1.39	J-8222
J-2608	500	1,266.22	503.59	1,269.81	20.03	0.74	J-8222
J-392	500	1,266.41	503.13	1,269.54	32.36	0	J-8222
J-142	500	1,266.99	503.13	1,270.12	20	24.91	J-166
J-7946	500	1,268.03	502.49	1,270.52	20	0.92	J-8222
J-2329	500	1,270.07	503.59	1,273.66	21.85	0	J-8222
J-188	500	1,270.55	503.13	1,273.69	20	1.22	J-8222
J-187	500	1,270.64	503.13	1,273.77	20	1.22	J-8222
J-88	500	1,271.18	503.13	1,274.32	20	25.95	J-1185
J-2062	500	1,273.33	503.59	1,276.92	20.02	0.58	J-8222
J-2216	500	1,273.46	503.59	1,277.05	20.04	0.99	J-8222
J-7657	500	1,273.99	502.49	1,276.48	20	23	J-7658
J-7917	500	1,274.04	502.49	1,276.53	20	1.19	J-8222
J-7053	500	1,274.06	502.49	1,276.55	20	25.46	J-7052
J-3035	500	1,276.70	502.67	1,279.37	28.99	0	J-3038
J-915	500	1,276.92	503.13	1,280.05	20.19	0	J-886
J-5059	500	1,276.96	503.01	1,279.98	20	10.63	J-5082
J-2438	500	1,278.26	503.59	1,281.85	20	20.82	J-2432
J-1261	500	1,278.90	500	1,278.90	20	1.2	J-8222
J-7070	500	1,280.42	502.49	1,282.92	20	20	J-7071
J-635	500	1,281.06	503.13	1,284.19	20	1.49	J-8222
J-7279	500	1,281.31	502.49	1,283.80	20.01	7.24	J-8307
J-2508	500	1,282.94	503.59	1,286.53	20	21.21	J-2281
J-1163	500	1,285.11	526.84	1,311.95	20	1.44	J-8222
J-1142	500	1,287.06	503.13	1,290.19	20	0.4	J-8222
J-2095	500	1,287.08	503.59	1,290.67	20.01	0.52	J-8222
J-834	500	1,289.97	503.13	1,293.10	20	1.12	J-8222
J-7377	500	1,290.41	502.49	1,292.91	20	19.13	J-7382
J-2293	500	1,291.07	503.59	1,294.66	20.03	20.73	J-2292
J-7274	500	1,291.19	502.49	1,293.69	20.01	7.23	J-8307
J-2140	500	1,291.35	503.59	1,294.94	20	0.53	J-8222
J-194	500	1,291.81	503.13	1,294.94	49.34	0.02	J-196
J-193	500	1,293.14	503.13	1,296.27	20	1.21	J-8222
J-2452	500	1,293.82	503.59	1,297.41	20	17.14	J-2453
J-7306	500	1,293.88	502.49	1,296.37	20	7.23	J-8307
J-2086	500	1,293.99	503.59	1,297.58	20	0.46	J-8222
J-2080	500	1,295.48	503.59	1,299.07	20	0.57	J-8222
J-2282	500	1,295.83	503.59	1,299.42	20.01	21.44	J-2281
J-7769	500	1,296.17	502.49	1,298.66	20	0.41	J-8222
J-2009	500	1,297.51	503.59	1,301.10	20	0.8	J-8222

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-1168	500	1,298.42	503.56	1,301.98	20	1.29	J-8222
J-1259	500	1,299.71	500	1,299.71	20	1.18	J-8222
J-4180	500	1,300.14	503.61	1,303.75	20	2.29	J-8222
J-7659	500	1,300.92	502.49	1,303.42	20	20.43	J-7657
J-4217	500	1,304.64	503.61	1,308.25	20.02	26.26	J-2502
J-663	500	1,306.78	503.13	1,309.91	20	1.28	J-8222
J-7612	500	1,307.00	502.49	1,309.49	20.01	28.85	J-7613
J-7663	500	1,307.17	502.49	1,309.66	20	19.47	J-7657
J-2325	500	1,307.27	503.59	1,310.86	20.41	0	J-8222
J-1081	500	1,307.57	503.13	1,310.70	20	1.36	J-8222
J-662	500	1,307.80	503.13	1,310.93	20	1.29	J-8222
J-843	500	1,307.91	503.13	1,311.04	20	1.29	J-8222
J-2037	500	1,308.91	503.59	1,312.50	20.02	0.69	J-8222
J-4264	500	1,310.30	503.61	1,313.91	20	25.73	J-4269
J-4351	500	1,310.31	503.61	1,313.93	20	26	J-2502
J-7073	500	1,310.97	502.49	1,313.46	20	19.18	J-7075
J-2317	500	1,313.97	503.59	1,317.56	22.32	0	J-8222
J-2431	500	1,314.56	503.59	1,318.15	20	15.24	J-2432
J-4179	500	1,316.93	503.61	1,320.54	20	2.29	J-8222
J-1262	500	1,318.85	500	1,318.85	20	1.16	J-8222
J-3021	500	1,318.86	502.67	1,321.53	20	15.24	J-3022
J-2507	500	1,324.48	503.59	1,328.07	20.03	21.24	J-2508
J-330	500	1,325.95	503.13	1,329.08	20.01	0.21	J-8222
J-674	500	1,326.54	503.13	1,329.67	20	1.21	J-8222
J-6066	500	1,327.79	502.51	1,330.30	20	0.91	J-8222
J-7271	500	1,328.44	502.49	1,330.93	20.01	7.23	J-8307
J-3018	500	1,329.96	502.67	1,332.63	20	29.56	J-3038
J-1260	500	1,332.20	500	1,332.20	20	1.15	J-8222
J-697	500	1,332.26	503.13	1,335.40	20	1.43	J-8222
J-2428	500	1,332.36	503.59	1,335.95	20	22.32	J-2508
J-7374	500	1,334.61	502.49	1,337.10	20	16.94	J-7376
J-772	500	1,336.78	503.13	1,339.91	20	1.3	J-8222
J-2430	500	1,336.82	503.59	1,340.41	20	22.29	J-2508
J-7379	500	1,336.89	502.49	1,339.39	20	10.59	J-7380
J-2030	500	1,337.70	503.59	1,341.29	20.03	0.65	J-8222
J-7217	500	1,337.77	502.49	1,340.26	20	7.23	J-8307
J-4144	500	1,338.24	503.61	1,341.85	20	2.29	J-8222
J-468	500	1,339.01	503.13	1,342.15	20.01	0.53	J-8222
J-7288	500	1,339.02	502.49	1,341.52	20.02	7.23	J-8307
J-775	500	1,339.86	503.13	1,343.00	20	1.41	J-8222
J-7039	500	1,339.95	502.49	1,342.44	20	30.93	J-3038
J-7072	500	1,340.38	502.49	1,342.88	20	16.97	J-7075
J-4537	500	1,342.35	503.61	1,345.97	20.01	23.9	J-4538
J-2124	500	1,344.02	503.59	1,347.61	20	0.44	J-8222
J-2463	500	1,344.03	503.59	1,347.62	20.04	1.07	J-8222
J-2424	500	1,344.61	503.59	1,348.20	20	21.3	J-2425
J-7375	500	1,345.68	502.49	1,348.17	20	13.44	J-7378
J-602	500	1,346.12	503.13	1,349.26	20	1.3	J-8222
J-2497	500	1,346.84	503.59	1,350.43	20.01	2.31	J-8222
J-660	500	1,348.46	503.13	1,351.59	20	1.22	J-8222
J-2522	500	1,348.47	503.59	1,352.06	20.01	22.02	J-2508
J-2166	500	1,349.06	503.59	1,352.65	20	0.41	J-8222
J-2061	500	1,349.49	503.59	1,353.08	20	0.45	J-8222
J-2516	500	1,351.38	503.59	1,354.97	20	21.97	J-2508
J-192	500	1,352.62	503.13	1,355.75	53.67	0.02	J-196
J-6012	500	1,353.41	502.51	1,355.92	20	0.87	J-8222
J-2520	500	1,354.79	503.59	1,358.38	20.01	21.98	J-2508

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

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J-743	500	1,355.13	503.13	1,358.26	20.01	1.4	J-8222
J-2365	500	1,355.90	503.59	1,359.49	20	0.93	J-8222
J-472	500	1,356.30	503.13	1,359.44	20	0.51	J-8222
J-993	500	1,356.39	503.13	1,359.52	20	1.21	J-8222
J-7300	500	1,357.95	502.49	1,360.44	20	7.23	J-8307
J-1167	500	1,358.69	503.56	1,362.25	20	1.24	J-8222
J-7079	500	1,359.24	502.49	1,361.73	20	13.51	J-7080
J-594	500	1,359.93	503.13	1,363.07	20	1.19	J-8222
J-7982	500	1,364.78	502.49	1,367.27	20.02	25.95	J-1185
J-2108	500	1,364.92	503.59	1,368.51	20	0.39	J-8222
J-8028	500	1,365.32	502.49	1,367.81	20	0.51	J-8222
J-7967	500	1,366.18	502.49	1,368.67	20	1.14	J-8222
J-7299	500	1,366.24	502.49	1,368.73	20	7.23	J-8307
J-8035	500	1,366.37	502.49	1,368.86	20.01	0.51	J-8222
J-7795	500	1,367.01	502.49	1,369.51	56.97	0	J-8222
J-2167	500	1,367.26	503.59	1,370.85	20	0.38	J-8222
J-4664	500	1,367.51	507.99	1,375.50	20	25.95	J-1185
J-7943	500	1,368.95	502.49	1,371.44	20	0.63	J-8222
J-2426	500	1,369.19	503.59	1,372.78	20	22.08	J-2508
J-7225	500	1,370.97	502.49	1,373.46	20	7.23	J-8307
J-1174	500	1,372.66	500	1,372.66	20	1.23	J-8222
J-911	500	1,376.91	503.13	1,380.04	32.6	0	J-907
J-5118	500	1,377.04	503.01	1,380.06	22.5	0	J-5119
J-7863	500	1,377.65	502.49	1,380.14	20	1.3	J-8222
J-5022	500	1,378.60	503.01	1,381.61	20	6.97	J-5028
J-2429	500	1,379.17	503.59	1,382.76	20	22.01	J-2508
J-4565	500	1,379.19	503.61	1,382.80	20.01	23.77	J-2502
J-7185	500	1,379.79	502.49	1,382.28	20	7.22	J-8307
J-4570	500	1,381.01	503.61	1,384.62	20	2.32	J-8222
J-4214	500	1,382.68	503.61	1,386.29	20	26.21	J-2502
J-7077	500	1,382.69	502.49	1,385.18	20	18.7	J-7080
J-202	500	1,382.72	503.13	1,385.86	44.44	0.01	J-220
J-2115	500	1,383.97	503.59	1,387.56	20	0.37	J-8222
J-2427	500	1,384.85	503.59	1,388.44	20	21.97	J-2508
J-2437	500	1,386.77	503.59	1,390.36	20	14.44	J-2432
J-7656	500	1,387.30	502.49	1,389.80	20	17.84	J-7657
J-2154	500	1,387.88	503.59	1,391.46	25.21	0	J-2163
J-509	500	1,388.23	503.13	1,391.36	20	0.47	J-8222
J-620	500	1,388.38	503.13	1,391.51	20	1.74	J-8222
J-7272	500	1,389.33	502.49	1,391.82	20.02	7.22	J-8307
J-1171	500	1,389.81	502.23	1,392.04	20	1.22	J-8222
J-2156	500	1,390.33	503.59	1,393.92	21.92	0	J-2163
J-8235	500	1,390.91	500	1,390.91	35.13	0	J-8222
J-2125	500	1,391.39	503.59	1,394.98	20	0.35	J-8222
J-7324	500	1,391.81	502.49	1,394.30	20	7.22	J-8307
J-2415	500	1,392.15	503.59	1,395.73	20.04	21.92	J-2508
J-186	500	1,392.36	503.13	1,395.49	20	1.18	J-8222
J-7269	500	1,392.41	502.49	1,394.90	20	7.22	J-8307
J-735	500	1,392.44	503.13	1,395.57	20	1.43	J-8222
J-2149	500	1,392.80	503.59	1,396.39	22.06	0	J-2163
J-2523	500	1,394.82	503.59	1,398.41	20.01	21.69	J-2508
J-2152	500	1,395.34	503.59	1,398.93	20.46	0	J-2163
J-2159	500	1,395.92	503.59	1,399.51	22.7	0	J-2163
J-2158	500	1,395.95	503.59	1,399.53	32.51	0	J-2163
J-7310	500	1,396.16	502.49	1,398.65	20.01	7.22	J-8307
J-2189	500	1,396.64	503.59	1,400.23	20	0.34	J-8222
J-2524	500	1,396.75	503.59	1,400.34	20.01	19.81	J-2523

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-2496	500	1,397.56	503.59	1,401.15	20.02	2.31	J-8222
J-7281	500	1,398.20	502.49	1,400.69	20.02	7.22	J-8307
J-2521	500	1,399.29	503.59	1,402.88	20.01	21.66	J-2508
J-2161	500	1,402.43	503.59	1,406.02	28.32	0	J-2163
J-149	500	1,402.54	503.13	1,405.67	20	3.85	J-166
J-2160	500	1,402.55	503.59	1,406.13	39.79	0	J-2163
J-497	500	1,403.09	503.13	1,406.22	20.01	0.45	J-8222
J-2164	500	1,403.41	503.59	1,407.00	33.18	0	J-2163
J-7104	500	1,404.26	502.49	1,406.75	20.01	22.22	J-7102
J-4381	500	1,404.27	503.61	1,407.88	20.01	26	J-2502
J-7796	500	1,405.03	502.49	1,407.52	55.86	0	J-8222
J-7268	500	1,405.61	502.49	1,408.10	20	7.22	J-8307
J-2165	500	1,406.04	503.59	1,409.63	27.23	0	J-2163
J-2081	500	1,407.43	503.59	1,411.02	20	0.39	J-8222
J-2281	500	1,407.54	503.59	1,411.13	20	20.01	J-2508
J-2052	500	1,410.18	503.59	1,413.77	20	0.41	J-8222
J-2126	500	1,410.53	503.59	1,414.12	20	0.32	J-8222
J-2519	500	1,410.74	503.59	1,414.33	20.01	21.58	J-2508
J-7921	500	1,411.22	502.49	1,413.71	20.01	0.94	J-8222
J-2151	500	1,412.37	503.59	1,415.96	42.4	0	J-2163
J-7362	500	1,412.41	502.49	1,414.90	20	29.69	J-7138
J-2446	500	1,412.69	503.59	1,416.28	20	21.78	J-2508
J-2465	500	1,413.08	503.59	1,416.67	20	1.11	J-8222
J-2148	500	1,413.70	503.59	1,417.29	28.81	0.01	J-2163
J-4397	500	1,414.39	503.61	1,418.00	20.02	26.35	J-2502
J-7287	500	1,414.55	502.49	1,417.04	20	7.22	J-8307
J-8033	500	1,414.86	502.49	1,417.35	20	0.44	J-8222
J-2433	500	1,416.78	503.59	1,420.37	20	21.76	J-2508
J-1041	500	1,416.82	503.13	1,419.95	20	1.19	J-8222
J-1170	500	1,416.83	502.23	1,419.06	20	1.2	J-8222
J-7113	500	1,418.20	502.49	1,420.70	20	26.87	J-7092
J-7102	500	1,419.64	502.49	1,422.13	20.01	23.92	J-7104
J-7365	500	1,420.39	502.49	1,422.88	20	17.39	J-7382
J-7065	500	1,421.32	502.49	1,423.81	20	29.31	J-7092
J-7809	500	1,424.55	502.49	1,427.04	20.01	0.5	J-8222
J-2414	500	1,424.83	503.59	1,428.42	20.04	21.7	J-2508
J-2420	500	1,425.87	503.59	1,429.46	20	21.7	J-2508
J-2210	500	1,425.90	503.59	1,429.49	20.06	0.86	J-8222
J-2101	500	1,427.95	503.59	1,431.54	20	0.28	J-8222
J-7052	500	1,427.96	502.49	1,430.46	20	21.3	J-7053
J-914	500	1,428.79	503.13	1,431.92	32.36	0	J-907
J-2150	500	1,430.49	503.59	1,434.08	43.51	0.02	J-2163
J-2249	500	1,430.55	503.59	1,434.14	20	20.71	J-2281
J-3067	500	1,431.04	505.55	1,436.59	20	12.21	J-3071
J-8236	500	1,431.44	500	1,431.44	41.94	0	J-8222
J-2106	500	1,432.00	503.59	1,435.59	20	0.29	J-8222
J-7243	500	1,432.12	502.49	1,434.61	20.01	7.22	J-8307
J-7283	500	1,432.35	502.49	1,434.84	20	7.22	J-8307
J-2590	500	1,434.18	503.59	1,437.77	20	21.64	J-2281
J-7722	500	1,435.49	502.49	1,437.99	20.01	7.22	J-8307
J-3019	500	1,436.29	502.67	1,438.96	20	7.02	J-3020
J-4271	500	1,436.56	503.61	1,440.17	20.02	23.13	J-4264
J-3033	500	1,437.25	502.67	1,439.92	25.1	0	J-3038
J-8256	500	1,437.89	528.1	1,465.99	20	25.43	J-3038
J-2041	500	1,440.66	503.59	1,444.25	20.01	0.48	J-8222
J-7662	500	1,441.56	502.49	1,444.05	20	13.97	J-7657
J-2364	500	1,442.23	503.59	1,445.82	20	0.86	J-8222



Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-4359	500	1,444.97	503.61	1,448.58	20.01	25.67	J-2502
J-2046	500	1,445.03	503.59	1,448.62	20	0.38	J-8222
J-1203	500	1,449.91	500	1,449.91	20.01	2.3	J-8222
J-7117	500	1,450.99	502.49	1,453.48	20	26.74	J-7092
J-7801	500	1,453.36	502.49	1,455.85	44.91	0	J-8222
J-2042	500	1,454.18	503.59	1,457.77	20.01	0.4	J-8222
J-8034	500	1,455.89	502.49	1,458.38	20.03	0.38	J-8222
J-7233	500	1,456.06	502.49	1,458.56	20.01	7.21	J-8307
J-4437	500	1,456.62	503.61	1,460.23	20.01	25.61	J-2502
J-7782	500	1,457.59	502.49	1,460.09	20	0.11	J-8222
J-1279	500	1,457.94	500	1,457.94	20	0.12	J-1267
J-1049	500	1,457.99	503.13	1,461.12	20	1.55	J-8222
J-2051	500	1,458.19	503.59	1,461.78	20	0.32	J-8222
J-1169	500	1,458.86	502.23	1,461.09	20	1.16	J-8222
J-1258	500	1,459.89	500	1,459.89	23.88	0	J-1267
J-1257	500	1,459.90	500	1,459.90	21.63	0	J-1267
J-1274	500	1,459.90	500	1,459.90	22.14	0	J-1267
J-1275	500	1,459.90	500	1,459.90	22	0	J-1267
J-4519	500	1,463.06	503.61	1,466.67	20	23.93	J-2502
J-650	500	1,464.05	503.13	1,467.18	20	1.37	J-8222
J-7242	500	1,464.76	502.49	1,467.25	20.01	7.21	J-8307
J-5058	500	1,465.10	503.01	1,468.11	20	16.2	J-5082
J-666	500	1,468.00	503.13	1,471.14	20	1.15	J-8222
J-2591	500	1,468.79	503.59	1,472.38	20.02	0.85	J-8222
J-478	500	1,473.04	503.13	1,476.17	20.03	0.33	J-8222
J-8036	500	1,473.71	502.49	1,476.20	20.02	0.35	J-8222
J-7661	500	1,474.18	502.49	1,476.68	20	12.65	J-7659
J-2169	500	1,474.50	503.59	1,478.09	20.02	0.19	J-8222
J-7785	500	1,474.57	502.49	1,477.06	46.2	0	J-8222
J-7873	500	1,476.75	502.49	1,479.25	20	1.29	J-8222
J-4387	500	1,477.07	503.61	1,480.68	20.02	26.27	J-2502
J-2043	500	1,477.42	503.59	1,481.01	20	0.34	J-8222
J-2168	500	1,479.36	503.59	1,482.95	20.02	0.18	J-8222
J-5070	500	1,479.44	503.01	1,482.45	20	18.3	J-5071
J-2609	500	1,481.17	503.59	1,484.76	20	0.26	J-8222
J-7787	500	1,481.17	502.49	1,483.66	43.9	0	J-8222
J-2616	500	1,481.49	503.59	1,485.08	20	0.16	J-8222
J-7284	500	1,482.01	502.49	1,484.50	20	7.21	J-8307
J-8095	500	1,483.62	502.49	1,486.11	20	25.95	J-1185
J-2315	500	1,484.56	503.59	1,488.15	29.91	0	J-8222
J-503	500	1,485.43	503.13	1,488.56	20.02	0.33	J-8222
J-7257	500	1,487.02	502.49	1,489.52	20	7.21	J-8307
J-135	500	1,487.49	503.13	1,490.62	20	17.4	J-136
J-2044	500	1,488.32	503.59	1,491.91	20	0.32	J-8222
J-5074	500	1,491.67	503.01	1,494.69	20	28.3	J-166
J-7791	500	1,491.97	502.49	1,494.46	20	1.11	J-8222
J-7103	500	1,493.58	502.49	1,496.07	20.01	19.23	J-7102
J-7099	500	1,494.37	502.49	1,496.87	20	23.22	J-7102
J-8237	500	1,495.21	500	1,495.21	45.52	0	J-8222
J-2314	500	1,496.65	503.59	1,500.24	26.14	0	J-8222
J-2295	500	1,496.68	503.59	1,500.27	31.48	0	J-8222
J-2084	500	1,496.69	503.59	1,500.28	32.73	0	J-8222
J-2099	500	1,496.69	503.59	1,500.28	32.08	0	J-8222
J-2050	500	1,496.83	503.59	1,500.42	20	0.26	J-8222
J-4171	500	1,497.80	503.61	1,501.41	20.02	2.3	J-8222
J-7238	500	1,499.57	502.49	1,502.07	20.01	7.21	J-8307
J-7649	500	1,501.49	502.49	1,503.98	20	26.11	J-7652

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-4079	500	1,503.39	503.61	1,507.00	20	2.31	J-8222
J-840	500	1,504.48	503.13	1,507.62	20	1.1	J-8222
J-4355	500	1,506.05	503.61	1,509.66	20.02	25.41	J-2502
J-7265	500	1,506.25	502.49	1,508.74	20.01	7.21	J-8307
J-2310	500	1,506.93	503.59	1,510.52	20.05	18.31	J-2311
J-7304	500	1,507.33	502.49	1,509.83	20.01	7.21	J-8307
J-322	500	1,507.73	503.13	1,510.86	25.14	0	J-320
J-2185	500	1,508.34	503.59	1,511.93	20	6.27	J-2184
J-7270	500	1,508.56	502.49	1,511.06	20.02	7.21	J-8307
J-7611	500	1,508.79	502.49	1,511.28	20.01	17.42	J-7613
J-2536	500	1,509.42	503.59	1,513.01	20.04	21.06	J-2281
J-737	500	1,509.86	503.13	1,512.99	20	1.36	J-8222
J-7981	500	1,511.64	502.49	1,514.13	20.02	20.02	J-7982
J-4520	500	1,511.87	503.61	1,515.48	20	21.73	J-4531
J-141	500	1,513.34	503.13	1,516.47	20	17.81	J-166
J-2056	500	1,514.09	503.59	1,517.68	20	0.18	J-8222
J-838	500	1,515.16	503.13	1,518.29	20	0.93	J-8222
J-1256	500	1,515.25	500	1,515.25	25.96	0	J-1267
J-2060	500	1,515.81	503.59	1,519.40	20	0.16	J-8222
J-2093	500	1,516.22	503.59	1,519.81	38.2	0	J-2163
J-3068	500	1,516.63	505.55	1,522.18	20	10.44	J-3071
J-1204	500	1,516.95	500	1,516.95	20.03	2.3	J-8222
J-2368	500	1,517.11	503.59	1,520.70	20	20.97	J-2502
J-2079	500	1,518.59	503.59	1,522.18	20	0.19	J-8222
J-5095	500	1,518.99	503.01	1,522.01	20.03	27.92	J-5094
J-7286	500	1,519.72	502.49	1,522.21	20	7.21	J-8307
J-1172	500	1,520.55	502.23	1,522.78	20	1.12	J-8222
J-2171	500	1,521.33	503.59	1,524.92	28.48	0.01	J-2163
J-2172	500	1,521.54	503.59	1,525.13	25.86	0	J-2163
J-2104	500	1,521.80	503.59	1,525.39	34.36	0	J-2163
J-7323	500	1,521.85	502.49	1,524.34	20.01	7.21	J-8307
J-4107	500	1,522.34	503.61	1,525.95	20	2.29	J-8222
J-7326	500	1,522.39	502.49	1,524.88	20.01	7.21	J-8307
J-7721	500	1,523.91	502.49	1,526.40	20.01	7.21	J-8307
J-7285	500	1,524.59	502.49	1,527.08	20	7.21	J-8307
J-2170	500	1,524.78	503.59	1,528.37	32.11	0	J-2163
J-7108	500	1,525.21	502.49	1,527.70	20.01	22.54	J-7109
J-7101	500	1,526.25	502.49	1,528.74	20.01	19.08	J-7102
J-7318	500	1,527.22	502.49	1,529.72	20.01	7.21	J-8307
J-4278	500	1,528.11	503.61	1,531.72	20	23.86	J-4264
J-7776	500	1,528.70	502.49	1,531.19	45.39	0	J-8222
J-7780	500	1,528.81	502.49	1,531.31	42.63	0	J-8222
J-8168	500	1,528.81	506.38	1,535.19	20.24	0	J-8222
J-7781	500	1,528.82	502.49	1,531.32	31.13	0	J-8222
J-8166	500	1,528.82	506.38	1,535.20	29.14	0	J-8222
J-7775	500	1,528.83	502.49	1,531.32	52.95	0	J-8222
J-7778	500	1,528.83	502.49	1,531.32	33.49	0	J-8222
J-8164	500	1,528.84	506.38	1,535.22	32.15	0	J-8222
J-8167	500	1,528.84	506.38	1,535.22	31.49	0	J-8222
J-7779	500	1,528.86	502.49	1,531.35	23.01	0	J-8222
J-7777	500	1,529.00	502.49	1,531.49	37.64	0	J-8222
J-8165	500	1,529.27	506.38	1,535.65	27.16	0	J-8222
J-2615	500	1,529.35	503.59	1,532.94	20	0.07	J-8222
J-2091	500	1,529.36	503.59	1,532.95	27.45	0.01	J-2163
J-2087	500	1,530.34	503.59	1,533.93	27.84	0.01	J-2163
J-4516	500	1,530.75	503.61	1,534.36	20.03	23.75	J-2502
J-3069	500	1,530.82	505.55	1,536.37	20	3.56	J-3071

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-7660	500	1,531.29	502.49	1,533.78	20	17.83	J-7657
J-7184	500	1,531.41	502.49	1,533.90	20	7.2	J-8307
J-2398	500	1,531.78	503.59	1,535.37	20	20.57	J-2281
J-7092	500	1,532.83	502.49	1,535.32	20.01	21.79	J-7102
J-2089	500	1,533.66	503.59	1,537.25	20	0.07	J-8222
J-2434	500	1,534.33	503.59	1,537.92	20	20.47	J-2433
J-323	500	1,534.36	503.13	1,537.49	21.83	0	J-320
J-2072	500	1,534.53	503.59	1,538.12	26.98	0	J-2163
J-2071	500	1,534.70	503.59	1,538.29	39.01	0	J-2163
J-2090	500	1,535.38	503.59	1,538.97	21.37	0	J-2163
J-4502	500	1,537.81	503.61	1,541.42	20	23.48	J-2502
J-815	500	1,538.06	503.13	1,541.20	31.13	0.01	J-816
J-2395	500	1,539.76	503.59	1,543.34	20.03	20.51	J-2281
J-839	500	1,540.84	503.13	1,543.97	20	1.09	J-8222
J-4321	500	1,541.43	503.61	1,545.04	20.03	20.02	J-4323
J-2492	500	1,541.69	503.59	1,545.28	20.02	2.3	J-8222
J-328	500	1,542.32	503.13	1,545.45	28.28	0	J-8222
J-1223	500	1,543.13	508.63	1,551.76	29.52	0	J-8222
J-508	500	1,543.52	503.13	1,546.66	20.03	0.24	J-8222
J-341	500	1,543.68	503.13	1,546.81	40.1	0	J-8222
J-583	500	1,544.47	503.13	1,547.60	20	1.17	J-8222
J-397	500	1,544.73	503.13	1,547.86	33.79	0	J-8222
J-2112	500	1,544.81	503.59	1,548.40	26.1	0	J-2163
J-507	500	1,544.88	503.13	1,548.01	20.03	0.24	J-8222
J-2111	500	1,545.00	503.59	1,548.59	34.02	0	J-2163
J-184	500	1,545.23	503.13	1,548.36	50.22	0.03	J-196
J-1222	500	1,545.24	508.63	1,553.87	31.36	0	J-8222
J-2085	500	1,546.88	503.59	1,550.47	25.24	0	J-8222
J-2110	500	1,547.39	503.59	1,550.98	24.34	0	J-2163
J-7652	500	1,547.43	502.49	1,549.92	20	25.76	J-7655
J-1221	500	1,547.48	500	1,547.48	33.92	0	J-8222
J-2109	500	1,547.50	503.59	1,551.09	29.72	0	J-2163
J-1220	500	1,547.54	500	1,547.54	31.63	0	J-8222
J-231	500	1,547.99	503.13	1,551.12	20	1.49	J-8222
J-4229	500	1,548.17	503.61	1,551.78	20.02	25.92	J-2502
J-1157	500	1,548.54	503.13	1,551.68	41.09	0	J-8222
J-2070	500	1,550.15	503.59	1,553.73	35.67	0	J-2163
J-4433	500	1,550.49	503.61	1,554.10	20.01	24.91	J-2502
J-7231	500	1,550.83	502.49	1,553.32	20.01	7.2	J-8307
J-642	500	1,551.43	503.13	1,554.56	24.67	0	J-643
J-2186	500	1,551.60	503.59	1,555.19	23.8	0	J-2184
J-2419	500	1,553.03	503.59	1,556.61	20	20	J-2421
J-7241	500	1,553.97	502.49	1,556.46	20	7.2	J-8307
J-7771	500	1,554.40	502.49	1,556.89	53.33	0	J-8222
J-2069	500	1,554.82	503.59	1,558.40	29.63	0	J-2163
J-1153	500	1,555.05	503.13	1,558.19	29.68	0	J-8222
J-514	500	1,557.73	503.13	1,560.86	20	0.22	J-8222
J-7060	500	1,557.82	502.49	1,560.31	20	30.42	J-3038
J-2613	500	1,559.42	503.59	1,563.01	25.76	0	J-8222
J-2107	500	1,559.47	503.59	1,563.06	27.03	0.01	J-2163
J-4665	500	1,559.67	507.99	1,567.66	20	16.46	J-4664
J-4505	500	1,560.15	503.61	1,563.76	20	23.4	J-2502
J-7089	500	1,560.77	502.49	1,563.27	20.01	20.99	J-7092
J-500	500	1,561.82	503.13	1,564.96	20.02	0.23	J-8222
J-7651	500	1,562.53	502.49	1,565.02	20	23.58	J-7652
J-1154	500	1,563.84	503.13	1,566.98	27.4	0	J-8222
J-4523	500	1,564.67	503.61	1,568.28	20	20.28	J-4520

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-2068	500	1,565.07	503.59	1,568.66	32.74	0	J-2163
J-7094	500	1,565.72	502.49	1,568.21	20.01	19.9	J-7102
J-2088	500	1,566.24	503.59	1,569.82	22.66	0	J-8222
J-4363	500	1,566.45	503.61	1,570.06	20.02	1.56	J-8222
J-2423	500	1,566.46	503.59	1,570.05	20	19.44	J-2426
J-7298	500	1,566.55	502.49	1,569.04	20.01	7.2	J-8307
J-4522	500	1,567.51	503.61	1,571.12	20	19.18	J-4520
J-2035	500	1,568.16	503.59	1,571.75	20.03	0.76	J-8222
J-2082	500	1,569.20	503.59	1,572.79	26.09	0	J-8222
J-7069	500	1,570.84	502.49	1,573.33	20	18.27	J-7075
J-4524	500	1,571.77	503.61	1,575.38	20	19.66	J-4523
J-7091	500	1,572.61	502.49	1,575.10	20.01	20.74	J-7092
J-1155	500	1,572.74	503.13	1,575.87	27.54	0	J-8222
J-7768	500	1,572.93	502.49	1,575.43	51.86	0	J-8222
J-7305	500	1,573.12	502.49	1,575.62	20.01	7.2	J-8307
J-8129	500	1,573.61	502.49	1,576.10	20.01	23.54	J-7092
J-4527	500	1,575.66	503.61	1,579.27	20	19.28	J-4523
J-2643	500	1,576.14	500	1,576.14	20	20.64	J-2281
J-8117	500	1,577.77	502.49	1,580.26	20.01	7.2	J-8307
J-2105	500	1,580.01	503.59	1,583.60	28.47	0	J-2163
J-185	500	1,580.03	503.13	1,583.17	51.98	0	J-196
J-2075	500	1,580.79	503.59	1,584.38	26.79	0	J-8222
J-5069	500	1,581.28	503.01	1,584.30	20	20.37	J-5082
J-2047	500	1,581.32	503.59	1,584.91	20	0.25	J-8222
J-1254	500	1,581.83	500	1,581.83	25.96	0	J-5119
J-1255	500	1,581.83	500	1,581.83	25.8	0	J-5119
J-2100	500	1,582.00	503.59	1,585.58	20.99	0	J-8222
J-2074	500	1,582.12	503.59	1,585.71	31.69	0	J-8222
J-4401	500	1,582.31	503.61	1,585.92	20	26.26	J-2502
J-1278	500	1,582.93	500	1,582.93	20	0.95	J-8222
J-2066	500	1,584.57	503.59	1,588.16	36.55	0	J-2163
J-7282	500	1,584.67	502.49	1,587.16	20	7.2	J-8307
J-4526	500	1,584.71	503.61	1,588.33	20	18.79	J-4523
J-648	500	1,585.33	503.13	1,588.47	20	1.28	J-8222
J-300	500	1,585.97	503.13	1,589.11	29.56	0	J-8222
J-2283	500	1,587.81	503.59	1,591.40	20	16.45	J-2287
J-2073	500	1,588.44	503.59	1,592.03	29.48	0	J-8222
J-1095	500	1,588.56	503.13	1,591.69	20.01	0.18	J-8222
J-2064	500	1,589.19	503.59	1,592.78	24.39	0	J-2163
J-2067	500	1,591.20	503.59	1,594.79	21	0	J-2163
J-2065	500	1,591.21	503.59	1,594.80	34.1	0	J-2163
J-7766	500	1,591.99	502.49	1,594.48	20	0.21	J-8222
J-913	500	1,592.36	503.13	1,595.49	21.52	0	J-8222
J-527	500	1,592.47	503.13	1,595.60	42.95	0	J-8222
J-930	500	1,592.60	503.13	1,595.74	28.45	0	J-8222
J-2173	500	1,592.89	503.59	1,596.47	20	2.59	J-2184
J-2063	500	1,593.43	503.59	1,597.01	34.29	0	J-2163
J-2027	500	1,593.47	503.59	1,597.06	20	0.28	J-8222
J-921	500	1,593.97	503.13	1,597.11	25.67	0	J-886
J-7183	500	1,594.36	502.49	1,596.85	20	7.2	J-8307
J-5045	500	1,594.89	503.01	1,597.91	20.02	14.4	J-5126
J-4525	500	1,595.00	503.61	1,598.61	20	17.8	J-4523
J-4680	500	1,596.14	500	1,596.14	20	25.95	J-1185
J-526	500	1,597.13	503.13	1,600.26	46.19	0	J-8222
J-7109	500	1,597.88	502.49	1,600.37	20.01	20.01	J-7108
J-4260	500	1,598.11	503.61	1,601.72	20.02	26.33	J-2502
J-998	500	1,599.18	503.13	1,602.31	20	0.97	J-8222

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-2226	500	1,599.39	503.59	1,602.98	20.01	0.69	J-8222
J-7111	500	1,599.95	502.49	1,602.44	20.01	20.01	J-7112
J-7093	500	1,601.27	502.49	1,603.76	20.01	19.26	J-7092
J-7364	500	1,601.35	502.49	1,603.84	20	18.67	J-7382
J-232	500	1,604.74	503.13	1,607.88	20	1.45	J-8222
J-2076	500	1,605.23	503.59	1,608.82	24.26	0	J-8222
J-2077	500	1,605.43	503.59	1,609.02	21.69	0	J-8222
J-2058	500	1,605.47	503.59	1,609.06	31.24	0	J-2163
J-2059	500	1,605.47	503.59	1,609.05	20.21	0	J-2163
J-4510	500	1,606.68	503.61	1,610.29	20	18.37	J-4523
J-7273	500	1,608.94	502.49	1,611.43	20	7.19	J-8307
J-481	500	1,610.68	503.13	1,613.81	20.02	0.14	J-8222
J-2457	500	1,610.82	503.59	1,614.41	20	17.75	J-2453
J-7258	500	1,611.88	502.49	1,614.37	20	7.19	J-8307
J-7139	500	1,612.40	502.49	1,614.89	20	18.83	J-7382
J-7237	500	1,613.46	502.49	1,615.95	20.01	7.19	J-8307
J-2078	500	1,613.61	503.59	1,617.20	23.99	0	J-8222
J-8113	500	1,614.74	502.49	1,617.23	20.01	7.19	J-8307
J-4126	500	1,615.03	507.99	1,623.02	20	19.45	J-4664
J-2641	500	1,616.06	500	1,616.06	20	20	J-2643
J-809	500	1,617.55	503.13	1,620.69	20	1.02	J-8222
J-2451	500	1,619.55	503.59	1,623.14	20	17.13	J-2453
J-525	500	1,620.20	503.13	1,623.33	43.48	0	J-8222
J-7945	500	1,620.53	502.49	1,623.02	20	0.53	J-8222
J-3070	500	1,621.28	505.55	1,626.83	20	0.85	J-3071
J-644	500	1,622.90	503.13	1,626.03	20	1.03	J-8222
J-4511	500	1,622.94	503.61	1,626.55	20	19.28	J-4520
J-7648	500	1,625.99	502.49	1,628.48	20	20.34	J-7649
J-8130	500	1,626.40	502.49	1,628.90	20.01	21.25	J-7102
J-7198	500	1,627.64	502.49	1,630.13	20	7.19	J-8307
J-2053	500	1,628.32	503.59	1,631.91	20.73	0	J-8222
J-7085	500	1,629.99	502.49	1,632.48	20.01	18.86	J-7092
J-7138	500	1,632.08	502.49	1,634.58	20	23.85	J-7382
J-2218	500	1,633.22	503.59	1,636.81	20	0.68	J-8222
J-7010	500	1,634.32	502.49	1,636.81	20	22.93	J-3038
J-7191	500	1,634.55	502.49	1,637.04	20	7.19	J-8307
J-7166	500	1,636.09	502.49	1,638.58	20	7.19	J-8307
J-1028	500	1,636.37	503.13	1,639.50	20	0.94	J-8222
J-506	500	1,638.11	503.13	1,641.24	20	0.11	J-8222
J-2598	500	1,639.54	503.59	1,643.12	20	15.63	J-2282
J-8111	500	1,640.82	502.49	1,643.31	20.01	7.19	J-8307
J-4287	500	1,642.44	503.61	1,646.05	20	14.38	J-4288
J-4000	500	1,643.42	519.2	1,662.62	20	25.95	J-1185
J-4146	500	1,645.65	503.61	1,649.26	20	2.28	J-8222
J-7086	500	1,646.21	502.49	1,648.70	20	18.13	J-7092
J-560	500	1,646.69	503.13	1,649.82	20	0.73	J-8222
J-451	500	1,646.74	503.13	1,649.87	20	0.13	J-8222
J-7165	500	1,647.58	502.49	1,650.08	20	7.19	J-8307
J-7726	500	1,649.43	502.49	1,651.92	20.02	7.19	J-8307
J-7088	500	1,649.74	502.49	1,652.24	20.01	18.35	J-7092
J-4043	500	1,649.95	503.61	1,653.56	20	25.95	J-1185
J-2461	500	1,650.27	503.59	1,653.86	20.03	0.79	J-8222
J-4666	500	1,650.52	507.99	1,658.51	20	17.34	J-4664
J-485	500	1,651.13	503.13	1,654.27	20.02	0.08	J-8222
J-2183	500	1,652.29	503.59	1,655.88	20	2.69	J-2184
J-7234	500	1,653.10	502.49	1,655.59	20.02	7.19	J-8307
J-7767	500	1,653.82	502.49	1,656.31	55.55	0	J-8222

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-4500	500	1,655.05	503.61	1,658.66	20	22.86	J-2502
J-1004	500	1,657.77	503.13	1,660.91	20	0.9	J-8222
J-7985	500	1,659.73	502.49	1,662.22	20.02	25.95	J-1185
J-4211	500	1,660.63	503.61	1,664.24	20	26.03	J-2502
J-7303	500	1,660.96	502.49	1,663.45	20.02	7.19	J-8307
J-5094	500	1,661.27	503.01	1,664.28	20	22.31	J-5090
J-7182	500	1,661.83	502.49	1,664.32	20	7.19	J-8307
J-2518	500	1,662.94	503.59	1,666.53	20.02	19.58	J-2519
J-7087	500	1,663.17	502.49	1,665.66	20	18.32	J-7092
J-2217	500	1,663.94	503.59	1,667.53	20	0.66	J-8222
J-7084	500	1,664.72	502.49	1,667.21	20.01	17.97	J-7092
J-6032	500	1,665.23	502.51	1,667.74	20	0.62	J-8222
J-524	500	1,665.47	503.13	1,668.61	41.15	0	J-8222
J-4515	500	1,665.74	503.61	1,669.35	20	20	J-4516
J-855	500	1,666.69	503.13	1,669.83	20	0.99	J-8222
J-6008	500	1,666.82	502.51	1,669.33	20	0.55	J-8222
J-1202	500	1,667.26	500	1,667.26	20.01	2.29	J-8222
J-7363	500	1,667.66	502.49	1,670.15	20	18.21	J-7382
J-2449	500	1,668.69	503.59	1,672.28	20	16.69	J-2453
J-926	500	1,668.90	503.13	1,672.03	45.83	0	J-8222
J-4663	500	1,669.09	507.99	1,677.08	20	9.18	J-4664
J-7141	500	1,669.55	502.49	1,672.04	20	18.24	J-7138
J-4432	500	1,669.62	503.61	1,673.23	20.02	14.83	J-4434
J-2639	500	1,669.96	500	1,669.96	20	19.95	J-2281
J-1129	500	1,670.64	503.13	1,673.78	42.36	0	J-8222
J-2422	500	1,670.96	503.59	1,674.55	20	16.23	J-2432
J-7140	500	1,671.59	502.49	1,674.08	20	18.14	J-7138
J-7607	500	1,671.68	502.49	1,674.17	20.01	34.47	J-8261
J-148	500	1,672.01	503.13	1,675.15	20.01	4.93	J-166
J-517	500	1,673.20	503.13	1,676.33	20	0.06	J-8222
J-230	500	1,673.48	503.13	1,676.61	20	1.4	J-8222
J-8044	500	1,673.72	502.49	1,676.21	20.01	7.19	J-8307
J-7083	500	1,674.30	502.49	1,676.79	20	18.13	J-7092
J-2640	500	1,674.57	500	1,674.57	20	19.73	J-2453
J-7236	500	1,676.29	502.49	1,678.78	20.02	7.19	J-8307
J-4269	500	1,676.69	503.61	1,680.30	20	18.62	J-4264
J-4467	500	1,677.46	503.61	1,681.07	20.03	20.03	J-4565
J-1027	500	1,678.24	503.13	1,681.38	20	0.9	J-8222
J-599	500	1,679.32	503.13	1,682.46	20	1.03	J-8222
J-6030	500	1,679.99	502.51	1,682.50	20	0.6	J-8222
J-2642	500	1,680.76	500	1,680.76	20	19.32	J-2453
J-2638	500	1,682.23	500	1,682.23	20	19.23	J-2453
J-7653	500	1,682.77	502.49	1,685.27	20	19.35	J-7657
J-2607	500	1,683.25	503.59	1,686.84	20	0.08	J-8222
J-7230	500	1,683.34	502.49	1,685.83	20.02	7.18	J-8307
J-2028	500	1,684.67	503.59	1,688.26	20	0.1	J-8222
J-7232	500	1,685.52	502.49	1,688.01	20.01	7.18	J-8307
J-2436	500	1,686.00	503.59	1,689.59	20	8.89	J-2432
J-2045	500	1,687.24	503.59	1,690.83	26.28	0	J-8222
J-5089	500	1,688.44	503.01	1,691.45	20	14.37	J-5090
J-1226	500	1,689.89	500	1,689.89	56.95	0	J-8222
J-927	500	1,689.91	503.13	1,693.04	47.61	0	J-8222
J-1228	500	1,690.01	500	1,690.01	43.59	0	J-8222
J-1227	500	1,690.25	500	1,690.25	45.68	0	J-8222
J-664	500	1,690.81	503.13	1,693.95	20.01	0.95	J-8222
J-2363	500	1,692.09	503.59	1,695.67	20	0.63	J-8222
J-929	500	1,693.36	503.13	1,696.49	49.63	0	J-8222

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-7121	500	1,694.54	502.49	1,697.03	20.01	19.26	J-7102
J-4242	500	1,694.60	503.61	1,698.21	20	26.18	J-2502
J-7294	500	1,696.20	502.49	1,698.69	20	7.18	J-8307
J-928	500	1,698.45	503.13	1,701.58	50.04	0	J-8222
J-466	500	1,698.96	503.13	1,702.09	20.91	0	J-8222
J-2054	500	1,700.36	503.59	1,703.95	23.81	0	J-8222
J-7116	500	1,700.56	502.49	1,703.05	20.01	19.89	J-7092
J-7105	500	1,701.26	502.49	1,703.75	20.01	13.35	J-7102
J-852	500	1,701.70	503.13	1,704.84	20	0.91	J-8222
J-856	500	1,702.13	503.13	1,705.26	20	0.97	J-8222
J-488	500	1,702.37	503.13	1,705.51	50.36	0	J-8222
J-7264	500	1,703.26	502.49	1,705.76	20.02	7.18	J-8307
J-2435	500	1,703.57	503.59	1,707.16	20	12.83	J-2432
J-489	500	1,703.84	503.13	1,706.98	47.83	0	J-8222
J-464	500	1,704.85	503.13	1,707.98	49.16	0	J-8222
J-482	500	1,705.84	503.13	1,708.97	39.67	0	J-8222
J-7317	500	1,706.14	502.49	1,708.63	20.02	7.18	J-8307
J-490	500	1,706.15	503.13	1,709.28	45.81	0	J-8222
J-445	500	1,706.41	503.13	1,709.55	29.38	0	J-8222
J-473	500	1,706.52	503.13	1,709.66	40.52	0	J-8222
J-471	500	1,706.55	503.13	1,709.69	43.85	0	J-8222
J-483	500	1,706.59	503.13	1,709.72	38.41	0	J-8222
J-465	500	1,706.68	503.13	1,709.82	46.3	0	J-8222
J-470	500	1,706.73	503.13	1,709.86	30.24	0	J-8222
J-484	500	1,706.86	503.13	1,709.99	32.21	0	J-8222
J-479	500	1,707.13	503.13	1,710.27	38.25	0	J-8222
J-448	500	1,707.80	503.13	1,710.93	34.68	0	J-8222
J-477	500	1,707.93	503.13	1,711.07	34.68	0	J-8222
J-461	500	1,708.17	503.13	1,711.31	41.27	0	J-8222
J-463	500	1,708.17	503.13	1,711.31	45.39	0	J-8222
J-491	500	1,708.80	503.13	1,711.93	27.37	0	J-8222
J-462	500	1,709.41	503.13	1,712.54	39.55	0	J-8222
J-460	500	1,709.74	503.13	1,712.88	39.03	0	J-8222
J-474	500	1,709.87	503.13	1,713.01	32.69	0	J-8222
J-455	500	1,710.32	503.13	1,713.45	32.43	0	J-8222
J-511	500	1,710.32	503.13	1,713.45	39.25	0	J-8222
J-457	500	1,710.54	503.13	1,713.68	32.19	0	J-8222
J-8114	500	1,710.68	502.49	1,713.17	20.01	7.18	J-8307
J-458	500	1,710.79	503.13	1,713.93	39.59	0	J-8222
J-512	500	1,710.79	503.13	1,713.92	26.95	0	J-8222
J-1085	500	1,710.90	503.13	1,714.04	42.73	0	J-8222
J-456	500	1,711.07	503.13	1,714.21	52.36	0	J-8222
J-454	500	1,711.18	503.13	1,714.31	22.98	0	J-8222
J-7315	500	1,711.37	502.49	1,713.86	20.02	7.18	J-8307
J-493	500	1,711.84	503.13	1,714.97	40.53	0	J-8222
J-523	500	1,711.91	503.13	1,715.04	35.34	0	J-8222
J-7235	500	1,712.41	502.49	1,714.90	20.02	7.18	J-8307
J-521	500	1,712.68	503.13	1,715.82	34.04	0	J-8222
J-513	500	1,712.75	503.13	1,715.88	30.33	0	J-8222
J-522	500	1,712.84	503.13	1,715.98	31.61	0	J-8222
J-520	500	1,713.39	503.13	1,716.53	30.51	0	J-8222
J-518	500	1,713.40	503.13	1,716.53	22.42	0	J-8222
J-515	500	1,713.42	503.13	1,716.55	28.18	0	J-8222
J-519	500	1,713.57	503.13	1,716.71	25.75	0	J-8222
J-1238	500	1,713.83	503.13	1,716.96	40.81	0	J-8222
J-516	500	1,714.53	503.13	1,717.66	27.34	0	J-8222
J-505	500	1,715.05	503.13	1,718.18	23.68	0	J-8222

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-495	500	1,715.31	503.13	1,718.44	32.1	0	J-8222
J-4298	500	1,715.32	503.61	1,718.93	20.03	25.63	J-2502
J-504	500	1,715.86	503.13	1,718.99	22.68	0	J-8222
J-2055	500	1,716.05	503.59	1,719.64	22.33	0	J-8222
J-453	500	1,716.10	503.13	1,719.23	25.47	0	J-8222
J-452	500	1,716.52	503.13	1,719.65	26.64	0	J-8222
J-7833	500	1,717.80	502.49	1,720.29	38.95	0	J-8222
J-496	500	1,718.08	503.13	1,721.21	34.44	0	J-8222
J-641	500	1,719.10	503.13	1,722.23	20	0.96	J-8222
J-2479	500	1,719.88	503.59	1,723.47	58.17	0	J-196
J-2589	500	1,721.45	503.59	1,725.04	20	17.97	J-2432
J-7068	500	1,723.02	502.49	1,725.51	20.01	16.11	J-7080
J-7316	500	1,723.19	502.49	1,725.68	20.02	7.18	J-8307
J-7095	500	1,723.65	502.49	1,726.14	20	15.4	J-7092
J-2048	500	1,723.92	503.59	1,727.51	20	0.02	J-8222
J-400	500	1,724.58	503.13	1,727.72	23.74	0	J-8222
J-762	500	1,726.56	503.13	1,729.69	20	1.07	J-8222
J-3017	500	1,726.65	502.67	1,729.32	20	23.65	J-3018
J-7229	500	1,727.46	502.49	1,729.95	20	7.18	J-8307
J-499	500	1,727.52	503.13	1,730.65	32.15	0	J-8222
J-2203	500	1,728.62	503.59	1,732.20	20	0.6	J-8222
J-7158	500	1,730.37	502.49	1,732.86	20	7.18	J-8307
J-813	500	1,731.54	503.13	1,734.67	31.35	0.01	J-814
J-8144	500	1,732.93	521.83	1,754.76	20	20.16	J-7010
J-7646	500	1,732.94	502.49	1,735.43	20	20.42	J-7652
J-487	500	1,733.13	503.13	1,736.26	33.41	0	J-8222
J-7832	500	1,734.46	502.49	1,736.95	38.41	0	J-8222
J-4676	500	1,735.26	500	1,735.26	20	25.95	J-1185
J-4145	500	1,736.29	503.61	1,739.90	20	2.27	J-8222
J-7267	500	1,736.94	502.49	1,739.43	20	6.83	J-7269
J-2637	500	1,736.99	500	1,736.99	20	15.55	J-2453
J-7118	500	1,737.57	502.49	1,740.07	20.01	19.15	J-7092
J-2032	500	1,737.74	503.59	1,741.33	43.48	0	J-8222
J-5072	500	1,738.20	503.01	1,741.22	20	19.64	J-5074
J-837	500	1,739.42	503.13	1,742.55	20.01	0.61	J-8222
J-2031	500	1,739.50	503.59	1,743.09	40.28	0	J-8222
J-2033	500	1,739.50	503.59	1,743.09	32.46	0	J-8222
J-817	500	1,739.62	503.13	1,742.76	20.03	0.6	J-8222
J-7307	500	1,740.43	502.49	1,742.93	20.03	7.18	J-8307
J-857	500	1,741.03	503.13	1,744.17	20	0.93	J-8222
J-2029	500	1,741.31	503.59	1,744.90	22.34	0	J-8222
J-4127	500	1,743.63	507.99	1,751.62	20	24.45	J-4664
J-8128	500	1,744.03	502.49	1,746.52	20.01	18.71	J-7092
J-7842	500	1,745.61	502.49	1,748.10	34.27	0	J-8222
J-2636	500	1,747.01	500	1,747.01	20	14.87	J-2453
J-7008	500	1,748.14	502.49	1,750.63	20	19.57	J-7010
J-2221	500	1,748.60	503.59	1,752.19	42.94	0	J-262
J-146	500	1,749.57	503.13	1,752.70	20.01	7.32	J-166
J-832	500	1,749.82	503.13	1,752.96	20	0.86	J-8222
J-2448	500	1,750.25	503.59	1,753.84	20	19.33	J-2281
J-2036	500	1,751.89	503.59	1,755.48	38.43	0	J-8222
J-7763	500	1,752.12	502.49	1,754.62	77.28	0	J-8222
J-7764	500	1,752.61	502.49	1,755.10	47.67	0	J-8222
J-7765	500	1,752.69	502.49	1,755.18	30.73	0	J-8222
J-4320	500	1,752.91	503.61	1,756.52	20	16.1	J-4323
J-2441	500	1,753.84	503.59	1,757.43	20	12.73	J-2432
J-7115	500	1,755.42	502.49	1,757.91	20.01	18.28	J-7092



Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-7650	500	1,756.09	502.49	1,758.59	20	15.44	J-7649
J-572	500	1,757.36	503.13	1,760.49	20	0.73	J-8222
J-8093	500	1,757.62	502.49	1,760.11	20.01	25.95	J-1185
J-7308	500	1,758.09	502.49	1,760.58	20.03	7.17	J-8307
J-7082	500	1,759.94	502.49	1,762.43	20	15.32	J-7092
J-745	500	1,760.08	503.13	1,763.22	20.01	1.17	J-8222
J-2440	500	1,761.59	503.59	1,765.18	20	10.83	J-2432
J-7840	500	1,761.61	502.49	1,764.10	36.21	0	J-8222
J-191	500	1,761.75	503.13	1,764.88	57.78	0	J-196
J-7841	500	1,761.80	502.49	1,764.29	25.45	0	J-8222
J-4368	500	1,762.70	503.61	1,766.31	20	25.57	J-2502
J-537	500	1,763.41	503.13	1,766.54	20	0	J-8222
J-7735	500	1,764.50	502.49	1,766.99	20	0.24	J-8222
J-536	500	1,765.70	503.13	1,768.83	27.51	0	J-8222
J-2561	500	1,765.99	503.59	1,769.58	41.92	0	J-262
J-2562	500	1,765.99	503.59	1,769.58	31.63	0	J-262
J-764	500	1,771.75	503.13	1,774.88	20	1.04	J-8222
J-7309	500	1,772.09	502.49	1,774.58	20.03	6.98	J-8058
J-7837	500	1,777.70	502.49	1,780.19	35.48	0	J-8222
J-7081	500	1,778.93	502.49	1,781.43	20	15.47	J-7092
J-7645	500	1,779.58	502.49	1,782.07	20	18.35	J-7652
J-7263	500	1,781.04	502.49	1,783.53	20.02	7.17	J-8307
J-4662	500	1,781.91	507.99	1,789.90	20	9.18	J-4664
J-616	500	1,782.58	503.13	1,785.71	20	1.17	J-8222
J-7835	500	1,783.69	502.49	1,786.18	34.97	0	J-8222
J-7097	500	1,784.13	502.49	1,786.62	20.01	13.92	J-7092
J-858	500	1,785.44	503.13	1,788.58	20	0.9	J-8222
J-2442	500	1,786.95	503.59	1,790.54	20	14.27	J-2432
J-7916	500	1,792.23	502.49	1,794.73	20.01	0.75	J-8222
J-7762	500	1,793.23	502.49	1,795.72	72.62	0	J-8222
J-4099	500	1,795.58	503.61	1,799.19	20	2.27	J-8222
J-4300	500	1,795.62	503.61	1,799.23	20	25.53	J-2502
J-7806	500	1,795.99	502.49	1,798.48	41.02	0	J-8222
J-7110	500	1,796.25	502.49	1,798.74	20	15.99	J-7092
J-2413	500	1,797.95	503.59	1,801.54	20	13.08	J-2415
J-7834	500	1,800.57	502.49	1,803.06	33.87	0	J-8222
J-1164	500	1,800.98	532.73	1,833.71	71.74	0.01	J-262
J-2362	500	1,801.62	503.59	1,805.21	20	0.54	J-8222
J-2267	500	1,802.15	503.59	1,805.74	20.05	18.36	J-2281
J-7167	500	1,802.18	502.49	1,804.67	20	7.17	J-8307
J-7136	500	1,802.53	502.49	1,805.02	20	22.14	J-7138
J-5086	500	1,803.77	503.01	1,806.79	20	23.02	J-5090
J-3016	500	1,804.66	502.67	1,807.33	20	18.27	J-3018
J-7597	500	1,804.77	502.49	1,807.26	20	20	J-7601
J-7260	500	1,805.36	502.49	1,807.85	20.02	7.17	J-8307
J-32	500	1,807.03	503.13	1,810.17	20.01	25.95	J-1185
J-5087	500	1,808.48	503.01	1,811.49	20	19.79	J-5086
J-7293	500	1,812.49	502.49	1,814.98	20	5.08	J-8058
J-7807	500	1,812.82	502.49	1,815.31	40.91	0	J-8222
J-7292	500	1,813.60	502.49	1,816.10	20	5.01	J-8058
J-7135	500	1,813.79	502.49	1,816.28	20	21.56	J-7136
J-7175	500	1,814.16	502.49	1,816.65	20.01	7.17	J-8307
J-5088	500	1,814.58	503.01	1,817.60	20	14.37	J-5090
J-7090	500	1,818.45	502.49	1,820.94	20.02	12.48	J-7089
J-4177	500	1,818.82	503.61	1,822.43	20	2.26	J-8222
J-4436	500	1,824.63	503.61	1,828.24	20.02	19.58	J-4437
J-4597	500	1,825.01	502.85	1,827.86	20.02	2.28	J-8222

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-4170	500	1,825.07	503.61	1,828.68	20	2.29	J-8222
J-4681	500	1,828.95	500	1,828.95	20	21.76	J-4680
J-7224	500	1,831.49	502.49	1,833.98	20	7.16	J-8307
J-2193	500	1,832.89	503.59	1,836.48	20	2.29	J-8222
J-7266	500	1,834.53	502.49	1,837.03	20	4.81	J-7291
J-7173	500	1,836.67	502.49	1,839.17	20.01	7.16	J-8307
J-7302	500	1,837.56	502.49	1,840.06	20	4.11	J-8058
J-4231	500	1,839.75	503.61	1,843.37	20	25.83	J-2502
J-8303	500	1,840.71	500	1,840.71	20	20.64	J-8302
J-7760	500	1,841.79	502.49	1,844.28	63.78	0	J-8222
J-7761	500	1,841.80	502.49	1,844.29	59.26	0	J-8222
J-4215	500	1,843.26	503.61	1,846.87	20	25.84	J-2502
J-7911	500	1,843.47	502.49	1,845.96	20.01	0.22	J-8222
J-4327	500	1,845.35	503.61	1,848.96	20.03	25	J-2502
J-7843	500	1,845.43	502.49	1,847.92	33	0	J-8222
J-2445	500	1,846.53	503.59	1,850.12	20	10.71	J-2432
J-7594	500	1,848.67	502.49	1,851.16	21.63	0	J-7595
J-197	500	1,848.96	503.13	1,852.09	55.76	0	J-220
J-7736	500	1,849.81	502.49	1,852.30	20	0.14	J-8222
J-2401	500	1,849.95	503.59	1,853.54	20.04	18.01	J-2281
J-229	500	1,850.48	503.13	1,853.62	20.03	1.33	J-8222
J-7733	500	1,850.73	502.49	1,853.22	20.03	0.16	J-8222
J-7723	500	1,850.88	502.49	1,853.37	20	3.5	J-8058
J-2388	500	1,850.91	503.59	1,854.50	20.03	17.8	J-2281
J-7647	500	1,851.32	502.49	1,853.81	20	13.24	J-7649
J-8302	500	1,851.35	500	1,851.35	20	20	J-8303
J-7983	500	1,851.45	502.49	1,853.94	20.03	14.84	J-7982
J-7240	500	1,852.11	502.49	1,854.60	20	3.63	J-8058
J-7758	500	1,852.58	502.49	1,855.07	63.22	0	J-8222
J-7759	500	1,852.64	502.49	1,855.13	55.82	0	J-8222
J-1200	500	1,853.93	500	1,853.93	20.01	2.28	J-8222
J-747	500	1,854.92	503.13	1,858.06	20	1.13	J-8222
J-6031	500	1,854.98	502.51	1,857.49	20.01	0.42	J-8222
J-2635	500	1,857.22	500	1,857.22	20	7.18	J-2453
J-2605	500	1,858.40	503.59	1,861.99	58.95	0	J-8222
J-2606	500	1,858.40	503.59	1,861.99	37.13	0	J-8222
J-2288	500	1,858.45	503.59	1,862.04	20	16.69	J-2282
J-7134	500	1,865.64	502.49	1,868.14	20	20.95	J-7133
J-4174	500	1,865.88	503.61	1,869.49	20	2.29	J-8222
J-4370	500	1,866.28	503.61	1,869.89	20	25.43	J-2502
J-2478	500	1,866.73	503.59	1,870.32	47.8	0.02	J-196
J-7930	500	1,867.49	502.49	1,869.98	71.78	0	J-8222
J-7321	500	1,870.80	502.49	1,873.29	20	2.61	J-7288
J-7220	500	1,871.13	502.49	1,873.62	20.03	7.16	J-8307
J-8301	500	1,871.33	500	1,871.33	20	20	J-8302
J-7114	500	1,873.29	502.49	1,875.78	20	14.05	J-7092
J-7133	500	1,874.30	502.49	1,876.80	20	22.98	J-7137
J-7228	500	1,874.44	502.49	1,876.93	20	4.25	J-7291
J-7756	500	1,874.61	502.49	1,877.10	50.81	0	J-8222
J-7757	500	1,874.82	502.49	1,877.31	28.77	0	J-8222
J-2509	500	1,875.37	503.59	1,878.96	20.04	18.04	J-2508
J-7716	500	1,876.87	502.49	1,879.36	20	4.11	J-7291
J-2243	500	1,878.43	503.59	1,882.02	20	15.18	J-2248
J-8299	500	1,878.75	500	1,878.75	20	21.75	J-8298
J-7931	500	1,879.24	502.49	1,881.74	71.92	0	J-8222
J-2474	500	1,879.68	503.59	1,883.27	47.03	0.02	J-196
J-7717	500	1,880.63	502.49	1,883.13	20	3.89	J-7291

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-2026	500	1,883.82	503.59	1,887.41	59.57	0	J-8222
J-7223	500	1,885.18	502.49	1,887.67	20.03	6.8	J-7291
J-5073	500	1,885.24	503.01	1,888.26	20	18.99	J-5074
J-7222	500	1,886.11	502.49	1,888.60	20.03	6.83	J-7291
J-1201	500	1,887.15	500	1,887.15	20.02	2.28	J-8222
J-2240	500	1,887.17	503.59	1,890.76	20.02	0.51	J-8222
J-535	500	1,888.10	503.13	1,891.24	32	0	J-8222
J-8060	500	1,888.41	502.49	1,890.90	20.02	7.15	J-8307
J-2655	500	1,890.27	500	1,890.27	20	0.04	J-8222
J-4446	500	1,891.63	503.61	1,895.24	20	23.52	J-2502
J-8231	500	1,891.82	500	1,891.82	20	1.6	J-7288
J-7188	500	1,891.99	502.49	1,894.48	20	7.15	J-8307
J-7724	500	1,892.47	502.49	1,894.96	20	1.57	J-7288
J-734	500	1,892.97	503.13	1,896.10	20	1.21	J-8222
J-836	500	1,893.66	503.13	1,896.80	20.01	0.5	J-8222
J-4675	500	1,894.17	500	1,894.17	20	20.87	J-4676
J-6010	500	1,894.77	502.51	1,897.28	29.18	0	J-6004
J-7643	500	1,895.49	502.49	1,897.98	20	18.98	J-7652
J-5132	500	1,895.56	504.17	1,899.73	20	18.94	J-166
J-4168	500	1,895.71	503.61	1,899.32	20	2.29	J-8222
J-7221	500	1,897.36	502.49	1,899.85	20.03	6.39	J-7291
J-7720	500	1,898.51	502.49	1,901.00	20	1.28	J-7288
J-7754	500	1,900.43	502.49	1,902.93	47.02	0	J-8222
J-7755	500	1,900.50	502.49	1,902.99	39.34	0	J-8222
J-4596	500	1,902.56	502.85	1,905.41	20.02	2.28	J-8222
J-8253	500	1,902.75	513.9	1,916.65	20	26.52	J-3038
J-7596	500	1,903.79	502.49	1,906.28	20	7.54	J-7595
J-6011	500	1,904.59	502.51	1,907.10	20.01	0.06	J-6004
J-637	500	1,906.59	503.13	1,909.73	20	1.09	J-8222
J-8298	500	1,908.51	500	1,908.51	20	19.14	J-8299
J-8300	500	1,908.51	500	1,908.51	20	19.14	J-8302
J-2443	500	1,910.14	503.59	1,913.73	20	7.17	J-2453
J-7725	500	1,910.74	502.49	1,913.23	20	0.7	J-7288
J-4316	500	1,912.07	503.61	1,915.68	20	25.16	J-2502
J-804	500	1,912.47	503.13	1,915.61	20	0.92	J-8222
J-7043	500	1,913.08	502.49	1,915.57	20	19.85	J-7052
J-7262	500	1,914.18	502.49	1,916.67	20	1.23	J-7291
J-7096	500	1,915.28	502.49	1,917.77	20	9.5	J-7092
J-7295	500	1,916.83	502.49	1,919.32	20	0.41	J-7288
J-7066	500	1,918.22	502.49	1,920.71	20	12.89	J-7092
J-7752	500	1,919.05	502.49	1,921.54	53.09	0	J-8222
J-7753	500	1,919.31	502.49	1,921.80	45.29	0	J-8222
J-7137	500	1,919.77	502.49	1,922.26	20	20.02	J-7133
J-1005	500	1,920.30	503.13	1,923.43	20	0.69	J-8222
J-7932	500	1,923.50	502.49	1,925.99	76.78	0	J-8222
J-6045	500	1,924.77	502.51	1,927.28	72.09	0.03	J-7288
J-6079	500	1,924.78	500	1,924.78	70.73	0.03	J-7288
J-6077	500	1,924.80	500	1,924.80	70.2	0.03	J-7288
J-8232	500	1,925.45	500	1,925.45	22.61	0	J-7288
J-6071	500	1,925.48	500	1,925.48	58.3	0	J-7288
J-6072	500	1,925.48	500	1,925.48	61.34	0	J-7288
J-6073	500	1,925.48	500	1,925.48	55.35	0	J-7288
J-6074	500	1,925.48	500	1,925.48	55.2	0	J-7288
J-8230	500	1,925.48	500	1,925.48	55.25	0	J-7288
J-8233	500	1,925.51	500	1,925.51	22.98	0	J-7288
J-7750	500	1,925.79	502.49	1,928.28	56.07	0	J-8222
J-7297	500	1,925.90	502.49	1,928.39	26.86	0	J-7288

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-7301	500	1,925.94	502.49	1,928.43	25.2	0	J-7288
J-7296	500	1,925.96	502.49	1,928.45	22.98	0	J-7288
J-7322	500	1,925.96	502.49	1,928.45	23.79	0	J-7288
J-7319	500	1,925.98	502.49	1,928.48	20.47	0	J-7288
J-7320	500	1,925.98	502.49	1,928.48	21.11	0	J-7288
J-7325	500	1,925.98	502.49	1,928.47	21.94	0	J-7288
J-7325	500	1,925.98	502.49	1,928.47	21.36	0	J-7288
J-8135	500	1,925.98	502.49	1,928.47	21.36	0	J-7288
J-7751	500	1,926.19	502.49	1,928.68	47.85	0	J-8222
J-7067	500	1,927.20	502.49	1,929.69	20	11.85	J-7092
J-2468	500	1,927.61	503.59	1,931.20	43.08	0.01	J-196
J-2468	500	1,927.61	503.59	1,931.20	43.08	17.78	J-2281
J-2535	500	1,932.37	503.59	1,935.96	20.03	0.94	J-8222
J-765	500	1,932.91	503.13	1,936.05	20	5.54	J-7291
J-7218	500	1,935.22	502.49	1,937.71	20.03	5.54	J-7291
J-2654	500	1,935.45	500	1,935.45	30.82	0	J-8222
J-2654	500	1,935.45	500	1,935.45	30.82	0	J-8222
J-2652	500	1,935.77	500	1,935.77	57.73	0	J-8222
J-2653	500	1,935.78	500	1,935.78	56.78	0	J-8222
J-198	500	1,937.61	503.13	1,940.74	55.42	0	J-220
J-584	500	1,940.20	503.13	1,943.33	20.01	0.84	J-8222
J-584	500	1,940.20	503.13	1,943.33	20.01	0.84	J-8222
J-7961	500	1,941.57	502.49	1,944.06	20	0.67	J-8222
J-8297	500	1,942.06	500	1,942.06	20	19.14	J-8302
J-8297	500	1,942.06	500	1,942.06	20	7.15	J-8307
J-7163	500	1,943.73	502.49	1,946.22	20	7.15	J-8307
J-7163	500	1,943.73	502.49	1,946.22	20	7.15	J-8307
J-8239	500	1,944.13	500	1,944.13	77.02	0	J-8222
J-8239	500	1,944.13	500	1,944.13	77.02	0	J-8222
J-7204	500	1,944.36	502.49	1,946.85	20.02	7.15	J-8307
J-7204	500	1,944.36	502.49	1,946.85	20.02	7.15	J-8307
J-176	500	1,944.61	503.13	1,947.74	20.01	4.94	J-166
J-176	500	1,944.61	503.13	1,947.74	20.01	4.94	J-166
J-7933	500	1,945.35	502.49	1,947.84	77	0	J-8222
J-7933	500	1,945.35	502.49	1,947.84	77	0	J-8222
J-7737	500	1,947.11	502.49	1,949.60	56.8	0	J-8222
J-7737	500	1,947.11	502.49	1,949.60	56.8	0	J-8222
J-8296	500	1,950.21	500	1,950.21	20	19.14	J-8302
J-8296	500	1,950.21	500	1,950.21	20	19.14	J-8302
J-7845	500	1,952.48	502.49	1,954.97	31.54	0	J-8222
J-7845	500	1,952.48	502.49	1,954.97	31.54	0	J-8222
J-2393	500	1,952.78	503.59	1,956.37	20.01	17.06	J-2281
J-2393	500	1,952.78	503.59	1,956.37	20.01	17.06	J-2281
J-4536	500	1,953.97	503.61	1,957.58	20	23.02	J-2502
J-4536	500	1,953.97	503.61	1,957.58	20	23.02	J-2502
J-6029	500	1,954.10	502.51	1,956.61	20.01	0.32	J-8222
J-6029	500	1,954.10	502.51	1,956.61	20.01	0.32	J-8222
J-4115	500	1,955.76	503.61	1,959.37	20	2.28	J-8222
J-4115	500	1,955.76	503.61	1,959.37	20	2.28	J-8222
J-7738	500	1,955.82	502.49	1,958.31	60.22	0	J-8222
J-7738	500	1,955.82	502.49	1,958.31	60.22	0	J-8222
J-7739	500	1,955.86	502.49	1,958.35	41.13	0	J-8222
J-7739	500	1,955.86	502.49	1,958.35	41.13	0	J-8222
J-2404	500	1,958.53	503.59	1,962.11	20.02	17.07	J-2281
J-2404	500	1,958.53	503.59	1,962.11	20.02	17.07	J-2281
J-2405	500	1,962.81	503.59	1,966.40	20.02	17.04	J-2281
J-2405	500	1,962.81	503.59	1,966.40	20.02	17.04	J-2281
J-4679	500	1,963.18	500	1,963.18	20	12.21	J-4680
J-4679	500	1,963.18	500	1,963.18	20	12.21	J-4680
J-571	500	1,963.64	503.13	1,966.77	29.52	0	J-569
J-571	500	1,963.64	503.13	1,966.77	29.52	0	J-569
J-7201	500	1,963.66	502.49	1,966.15	20.01	7.14	J-8307
J-7201	500	1,963.66	502.49	1,966.15	20.01	7.14	J-8307
J-1276	500	1,964.48	500	1,964.48	20	0.66	J-8222
J-1276	500	1,964.48	500	1,964.48	20	0.66	J-8222
J-2464	500	1,966.12	503.59	1,969.71	37.22	0.01	J-196
J-2464	500	1,966.12	503.59	1,969.71	37.22	0.01	J-196
J-4012	500	1,966.75	503.61	1,970.36	20	25.95	J-1185
J-4012	500	1,966.75	503.61	1,970.36	20	25.95	J-1185
J-7952	500	1,967.95	502.49	1,970.44	36.07	0	J-8222
J-7952	500	1,967.95	502.49	1,970.44	36.07	0	J-8222
J-4013	500	1,968.55	503.61	1,972.16	20	25.95	J-1185
J-4013	500	1,968.55	503.61	1,972.16	20	25.95	J-1185
J-2239	500	1,969.24	503.59	1,972.83	20	0.45	J-8222
J-2239	500	1,969.24	503.59	1,972.83	20	0.45	J-8222
J-7030	500	1,970.40	502.49	1,972.90	20	21.53	J-7052
J-7030	500	1,970.40	502.49	1,972.90	20	21.53	J-7052
J-2025	500	1,972.39	503.59	1,975.98	20.02	0.04	J-8222
J-2025	500	1,972.39	503.59	1,975.98	20.02	0.04	J-8222
J-4143	500	1,972.93	503.61	1,976.54	20	2.26	J-8222
J-4143	500	1,972.93	503.61	1,976.54	20	2.26	J-8222
J-4232	500	1,973.55	503.61	1,977.16	20	25.53	J-4264
J-4232	500	1,973.55	503.61	1,977.16	20	25.53	J-4264
J-7734	500	1,974.07	502.49	1,976.56	53.12	0	J-8222
J-7734	500	1,974.07	502.49	1,976.56	53.12	0	J-8222
J-544	500	1,974.25	503.13	1,977.39	31.32	0	J-8222
J-544	500	1,974.25	503.13	1,977.39	31.32	0	J-8222
J-7239	500	1,979.42	502.49	1,981.91	24.89	0	J-8058
J-7239	500	1,979.42	502.49	1,981.91	24.89	0	J-8058
J-2361	500	1,983.04	503.59	1,986.63	20.04	0.38	J-8222
J-2361	500	1,983.04	503.59	1,986.63	20.04	0.38	J-8222
J-7044	500	1,985.55	502.49	1,988.04	20	18.62	J-7052
J-7044	500	1,985.55	502.49	1,988.04	20	18.62	J-7052
J-2462	500	1,985.67	503.59	1,989.26	20.02	0.68	J-8222
J-2462	500	1,985.67	503.59	1,989.26	20.02	0.68	J-8222
J-2444	500	1,985.84	503.59	1,989.43	20	6.33	J-2453
J-2444	500	1,985.84	503.59	1,989.43	20	6.33	J-2453
J-4313	500	1,986.10	503.61	1,989.71	20	25.1	J-2502
J-4313	500	1,986.10	503.61	1,989.71	20	25.1	J-2502

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-7732	500	1,986.59	502.49	1,989.08	22.29	0	J-8222
J-7731	500	1,986.81	502.49	1,989.30	54.43	0	J-8222
J-7644	500	1,987.39	502.49	1,989.88	20	10.39	J-7649
J-7147	500	1,987.89	502.49	1,990.38	20.01	7.14	J-8307
J-7740	500	1,991.43	502.49	1,993.92	72.7	0	J-8222
J-564	500	1,991.53	503.13	1,994.66	30.9	0	J-8222
J-7741	500	1,991.82	502.49	1,994.31	34.32	0	J-8222
J-4595	500	1,994.13	502.85	1,996.98	20	2.28	J-8222
J-174	500	1,994.68	503.13	1,997.82	20.01	3.16	J-166
J-7181	500	1,995.67	502.49	1,998.16	20	7.14	J-8307
J-4639	500	1,996.13	500	1,996.13	20	2.23	J-8222
J-5097	500	1,996.96	503.01	1,999.97	20.01	16.25	J-166
J-2024	500	2,001.02	503.59	2,004.61	67.91	0	J-8222
J-718	500	2,002.87	503.13	2,006.00	20.01	2.27	J-8222
J-2219	500	2,002.94	503.59	2,006.53	35.47	0	J-196
J-4637	500	2,003.59	502.27	2,005.86	20	2.23	J-8222
J-4501	500	2,004.33	503.61	2,007.94	20	21.3	J-2502
J-7729	500	2,004.72	502.49	2,007.21	61.84	0	J-8222
J-7730	500	2,004.75	502.49	2,007.24	31.5	0	J-8222
J-7938	500	2,004.78	502.49	2,007.27	92.81	0	J-8222
J-753	500	2,005.05	503.13	2,008.19	20	1.01	J-8222
J-7934	500	2,005.91	502.49	2,008.40	92.7	0	J-8222
J-7164	500	2,007.17	502.49	2,009.66	20	7.14	J-8307
J-8240	500	2,009.58	500	2,009.58	93.97	0	J-8222
J-2399	500	2,014.15	503.59	2,017.74	20.01	16.5	J-2281
J-7161	500	2,014.75	502.49	2,017.24	20.01	7.13	J-8307
J-4636	500	2,018.36	502.27	2,020.63	20	2.23	J-8222
J-2381	500	2,021.02	503.59	2,024.61	20.02	16.99	J-2502
J-7909	500	2,021.05	502.49	2,023.54	38.7	0	J-8222
J-2417	500	2,021.36	503.59	2,024.95	20	17.14	J-2281
J-2371	500	2,021.60	503.59	2,025.19	20.05	16.98	J-2502
J-7641	500	2,022.36	502.49	2,024.85	20	21.51	J-7655
J-7935	500	2,026.13	502.49	2,028.62	88.25	0	J-8222
J-143	500	2,026.22	503.13	2,029.35	20.01	2.8	J-166
J-2460	500	2,027.23	503.59	2,030.82	20.01	0.52	J-8222
J-4638	500	2,027.87	500	2,027.87	20	2.23	J-8222
J-227	500	2,028.46	503.13	2,031.59	20.02	1.29	J-8222
J-7051	500	2,030.58	502.49	2,033.07	20	16.71	J-7052
J-4125	500	2,032.69	507.99	2,040.68	20	9.17	J-4664
J-7910	500	2,032.72	502.49	2,035.21	29.22	0	J-8222
J-7610	500	2,033.49	502.49	2,035.99	20	25.3	J-8262
J-147	500	2,034.46	503.13	2,037.59	20.01	1.71	J-166
J-770	500	2,035.23	503.13	2,038.36	20	0.93	J-8222
J-4631	500	2,039.43	500	2,039.43	20	2.23	J-8222
J-4157	500	2,039.45	503.61	2,043.06	20	2.28	J-8222
J-2284	500	2,039.50	503.59	2,043.09	20	11.41	J-2286
J-5131	500	2,040.07	504.17	2,044.24	20.01	15.39	J-166
J-4016	500	2,040.19	503.61	2,043.80	20	25.95	J-1185
J-2252	500	2,042.17	503.59	2,045.76	20	15.73	J-2281
J-4594	500	2,047.59	502.85	2,050.44	20	2.27	J-8222
J-2118	500	2,049.69	503.59	2,053.28	20	21.39	J-2281
J-7746	500	2,050.39	502.49	2,052.89	20	0	J-8222
J-7728	500	2,051.99	502.49	2,054.48	65.24	0	J-8222
J-8229	500	2,052.38	500	2,052.38	64.96	0	J-8222
J-7745	500	2,052.40	502.49	2,054.89	69.72	0	J-8222
J-7727	500	2,052.53	502.49	2,055.02	64.86	0	J-8222
J-7744	500	2,052.67	502.49	2,055.16	69.84	0	J-8222

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-7747	500	2,052.71	502.49	2,055.20	37.21	0	J-8222
J-7743	500	2,053.01	502.49	2,055.50	80.82	0	J-8222
J-7748	500	2,053.05	502.49	2,055.54	40.77	0	J-8222
J-7742	500	2,053.28	502.49	2,055.77	80.98	0	J-8222
J-6014	500	2,056.15	502.51	2,058.66	69.83	0	J-8222
J-6015	500	2,056.16	502.51	2,058.67	44.52	0	J-8222
J-6018	500	2,056.16	502.51	2,058.67	33.7	0	J-8222
J-6017	500	2,056.21	502.51	2,058.72	35.7	0	J-8222
J-6019	500	2,056.24	502.51	2,058.75	24.53	0	J-8222
J-7207	500	2,056.28	502.49	2,058.77	20.02	4.52	J-7291
J-7208	500	2,056.51	502.49	2,059.01	20.02	4.51	J-7291
J-4509	500	2,056.90	503.61	2,060.51	20	20.43	J-4501
J-563	500	2,057.05	503.13	2,060.19	35.39	0	J-8222
J-7749	500	2,058.15	502.49	2,060.64	93.65	0	J-8222
J-8241	500	2,058.28	500	2,058.28	93.69	0	J-8222
J-4508	500	2,059.45	503.61	2,063.06	20	21.03	J-2502
J-7912	500	2,059.55	502.49	2,062.05	36.23	0	J-8222
J-6039	500	2,059.98	502.51	2,062.49	92.06	0	J-8222
J-2447	500	2,060.10	503.59	2,063.69	20	4.6	J-2453
J-7936	500	2,066.32	502.49	2,068.81	69.04	0	J-8222
J-133	500	2,069.74	503.13	2,072.88	20.01	3.69	J-166
J-6013	500	2,072.71	502.51	2,075.22	55.68	0	J-8222
J-6053	500	2,074.05	502.51	2,076.56	84.9	0	J-8222
J-4010	500	2,075.35	503.61	2,078.96	20	23.47	J-4675
J-182	500	2,077.22	503.13	2,080.35	20.01	0.13	J-166
J-8119	500	2,080.70	502.49	2,083.19	20	2.87	J-7291
J-7937	500	2,080.97	502.49	2,083.47	59.97	0	J-8222
J-4039	500	2,081.13	503.61	2,084.74	20	25.95	J-1185
J-4299	500	2,081.14	503.61	2,084.75	20	18.7	J-4298
J-841	500	2,081.36	503.13	2,084.49	20.02	0.32	J-8222
J-8118	500	2,081.43	502.49	2,083.92	20	2.84	J-7291
J-2349	500	2,087.62	503.59	2,091.20	52.28	0	J-8222
J-145	500	2,087.97	503.13	2,091.11	20.24	0	J-166
J-4315	500	2,088.22	503.61	2,091.84	20	24.94	J-2502
J-8094	500	2,089.78	502.49	2,092.27	20.03	25.95	J-1185
J-4416	500	2,090.77	503.61	2,094.38	20	17.4	J-4417
J-2346	500	2,092.12	503.59	2,095.71	38.88	0	J-8222
J-2347	500	2,092.50	503.59	2,096.09	30.35	0	J-8222
J-2546	500	2,093.37	503.59	2,096.95	20.02	16.44	J-2281
J-4270	500	2,093.78	503.61	2,097.39	20	15.8	J-4264
J-7211	500	2,094.41	502.49	2,096.90	20	2.09	J-7291
J-8116	500	2,094.58	502.49	2,097.07	20	2.3	J-7291
J-3031	500	2,095.85	502.67	2,098.52	20	18.32	J-3038
J-4466	500	2,099.58	503.61	2,103.19	20	20.17	J-2502
J-2348	500	2,100.26	503.59	2,103.85	49.49	0	J-8222
J-2175	500	2,101.50	503.59	2,105.08	20	20.25	J-2184
J-4204	500	2,102.39	503.61	2,106.00	20	25.53	J-2502
J-7042	500	2,106.98	502.49	2,109.47	20	17.13	J-7052
J-4630	500	2,109.47	500	2,109.47	20	2.23	J-8222
J-573	500	2,109.62	503.13	2,112.75	35.61	0	J-8222
J-7219	500	2,110.56	502.49	2,113.05	22.74	0	J-7291
J-140	500	2,111.68	503.13	2,114.81	20.01	0.31	J-166
J-4246	500	2,111.92	503.61	2,115.53	20	25.15	J-4264
J-7132	500	2,112.22	502.49	2,114.71	20	19.37	J-7133
J-736	500	2,112.72	503.13	2,115.85	20	1.06	J-8222
J-7944	500	2,114.13	502.49	2,116.63	35.81	0	J-8222
J-603	500	2,115.26	503.13	2,118.39	20.01	0.42	J-8222

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-399	500	2,116.18	503.13	2,119.31	39.83	0	J-8222
J-4305	500	2,117.44	503.61	2,121.05	20	24.94	J-2502
J-4156	500	2,118.29	503.61	2,121.91	20	2.28	J-8222
J-4425	500	2,118.34	503.61	2,121.95	20	24.84	J-2502
J-2023	500	2,118.95	503.59	2,122.54	68.53	0	J-8222
J-2418	500	2,121.36	503.59	2,124.95	20	3.68	J-2453
J-8295	500	2,122.52	500	2,122.52	20	17.41	J-8302
J-8059	500	2,124.01	502.49	2,126.50	23.64	0	J-8058
J-8127	500	2,124.76	502.49	2,127.26	20.02	7.12	J-7102
J-4435	500	2,126.19	503.61	2,129.80	20	23.43	J-2502
J-574	500	2,126.54	503.13	2,129.67	32.42	0	J-8222
J-2515	500	2,127.72	503.59	2,131.31	20.03	15.69	J-2281
J-8104	500	2,127.95	502.49	2,130.44	28.24	0.01	J-7291
J-4426	500	2,129.98	503.61	2,133.59	20	19.34	J-4425
J-7197	500	2,132.86	502.49	2,135.35	20	7.12	J-8307
J-730	500	2,133.75	503.13	2,136.89	20	1.37	J-8222
J-7172	500	2,135.85	502.49	2,138.34	20	7.12	J-8307
J-8115	500	2,137.46	502.49	2,139.95	20	0.51	J-7291
J-8292	500	2,137.56	500	2,137.56	20	22.53	J-8291
J-2199	500	2,137.80	503.59	2,141.39	20	2.28	J-8222
J-2517	500	2,140.57	503.59	2,144.16	20.03	15.58	J-2281
J-4454	500	2,141.49	503.61	2,145.10	20	22.08	J-2502
J-8294	500	2,143.17	500	2,143.17	20	17.41	J-8303
J-8105	500	2,143.97	502.49	2,146.46	27.25	0	J-7291
J-4009	500	2,144.15	503.61	2,147.76	20.01	20.01	J-4010
J-4059	500	2,145.18	503.61	2,148.79	20	25.95	J-1185
J-5004	500	2,146.25	503.01	2,149.26	20	38.53	J-5003
J-8106	500	2,146.50	502.49	2,149.00	27.11	0	J-7291
J-2459	500	2,147.54	503.59	2,151.12	20.04	0.43	J-8222
J-1135	500	2,147.59	503.13	2,150.72	20	25.95	J-1185
J-7608	500	2,148.64	502.49	2,151.13	20	24.17	J-8262
J-550	500	2,148.88	503.13	2,152.01	28.2	0	J-8222
J-4060	500	2,148.96	503.61	2,152.57	20	25.95	J-1185
J-8110	500	2,148.96	502.49	2,151.45	21.55	0	J-7291
J-7064	500	2,149.21	502.49	2,151.70	20	9.56	J-7092
J-134	500	2,149.98	503.13	2,153.11	21.24	0	J-166
J-8112	500	2,150.17	502.49	2,152.66	22.58	0	J-7291
J-8107	500	2,151.32	502.49	2,153.82	26.01	0	J-7291
J-4090	500	2,151.40	503.61	2,155.01	20	2.29	J-8222
J-7642	500	2,152.64	502.49	2,155.13	20	13.36	J-7652
J-2397	500	2,155.33	503.59	2,158.92	20.01	10.16	J-2398
J-4046	500	2,155.58	503.61	2,159.19	20	25.95	J-1185
J-4593	500	2,155.88	502.85	2,158.73	20	2.27	J-8222
J-2394	500	2,161.93	503.59	2,165.52	20.01	13.85	J-2395
J-7212	500	2,162.04	502.49	2,164.53	25.31	0	J-7291
J-7210	500	2,162.60	502.49	2,165.10	25.19	0	J-7291
J-2000	500	2,163.83	503.59	2,167.42	45.82	0	J-8222
J-7206	500	2,164.16	502.49	2,166.65	20.32	0	J-7291
J-7209	500	2,164.16	502.49	2,166.65	20.56	0	J-7291
J-7199	500	2,164.22	502.49	2,166.71	20	7.11	J-8307
J-7098	500	2,164.33	502.49	2,166.82	20	0.58	J-7102
J-1071	500	2,165.65	503.13	2,168.79	72.18	0.01	J-262
J-2645	500	2,166.58	500	2,166.58	55.32	0	J-8222
J-2646	500	2,166.58	500	2,166.58	53.73	0	J-8222
J-2647	500	2,166.58	500	2,166.58	47.67	0	J-8222
J-2648	500	2,166.58	500	2,166.58	52.72	0	J-8222
J-2649	500	2,166.58	500	2,166.58	51.86	0	J-8222

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-2650	500	2,166.58	500	2,166.58	51.28	0	J-8222
J-2644	500	2,166.59	500	2,166.59	55.61	0	J-8222
J-2392	500	2,166.61	503.59	2,170.20	20.01	13.61	J-2395
J-4011	500	2,168.34	503.61	2,171.95	20	18.66	J-4010
J-7031	500	2,172.74	502.49	2,175.23	20	17.13	J-7052
J-8108	500	2,175.61	502.49	2,178.11	33.06	0.01	J-7291
J-8262	500	2,177.25	500	2,177.25	20	21.04	J-8261
J-2196	500	2,177.70	503.59	2,181.29	20	2.28	J-8222
J-2002	500	2,177.88	503.59	2,181.47	26.24	0	J-8222
J-8293	500	2,178.00	500	2,178.00	20	17.41	J-8303
J-2626	500	2,178.21	533.34	2,211.55	49.68	0	J-8222
J-4275	500	2,178.42	503.61	2,182.03	20	15.98	J-4264
J-7160	500	2,179.14	502.49	2,181.63	20.01	7.11	J-8307
J-8109	500	2,179.43	502.49	2,181.93	31.28	0.01	J-7291
J-7100	500	2,179.57	502.49	2,182.06	23.4	0	J-7102
J-4674	500	2,185.54	500	2,185.54	20	2.28	J-8222
J-2004	500	2,186.06	503.59	2,189.65	49.06	0	J-8222
J-2003	500	2,186.08	503.59	2,189.67	50.08	0	J-8222
J-8265	500	2,186.43	500	2,186.43	20	21.2	J-8262
J-8291	500	2,186.55	500	2,186.55	20	20	J-8292
J-8261	500	2,187.89	500	2,187.89	20	22.87	J-8262
J-2034	500	2,188.02	503.59	2,191.61	53.16	0	J-8222
J-4574	500	2,190.23	503.61	2,193.84	20	25.26	J-2502
J-4447	500	2,190.81	503.61	2,194.42	20	16.39	J-4446
J-4342	500	2,191.16	503.61	2,194.77	20	24.57	J-2502
J-1293	500	2,191.18	500	2,191.18	23.32	0	J-8222
J-1292	500	2,191.20	500	2,191.20	25.11	0	J-8222
J-1291	500	2,191.22	500	2,191.22	25.71	0	J-8222
J-4390	500	2,192.36	503.61	2,195.97	20	25.77	J-2502
J-1083	500	2,192.46	503.13	2,195.59	20.01	0.87	J-8222
J-6043	500	2,192.46	502.51	2,194.97	90.27	0	J-8222
J-7063	500	2,196.70	502.49	2,199.19	20	16.99	J-7092
J-6075	500	2,196.89	500	2,196.89	91.67	0	J-8222
J-7953	500	2,197.51	502.49	2,200.01	72.43	0	J-8222
J-7955	500	2,197.57	502.49	2,200.06	24.71	0	J-8222
J-7954	500	2,197.59	502.49	2,200.08	37.85	0	J-8222
J-549	500	2,197.98	503.13	2,201.11	31.54	0	J-8222
J-2391	500	2,200.90	503.59	2,204.49	20.02	11.85	J-2395
J-2005	500	2,206.70	503.59	2,210.29	56.32	0	J-8222
J-4008	500	2,207.54	503.61	2,211.15	20.01	20.56	J-4007
J-1213	500	2,209.77	500	2,209.77	20	2.25	J-8222
J-4444	500	2,211.32	503.61	2,214.93	20	22.51	J-2502
J-4655	500	2,211.95	508.95	2,220.90	20.02	25.95	J-1185
J-7889	500	2,212.67	502.49	2,215.16	44.94	0	J-8222
J-2568	500	2,213.51	503.59	2,217.10	20	2.28	J-8222
J-2256	500	2,214.16	503.59	2,217.75	20	14.62	J-2281
J-2602	500	2,215.41	503.59	2,219.00	20.03	0.2	J-8222
J-7027	500	2,216.19	502.49	2,218.68	20.01	19.21	J-7052
J-4007	500	2,217.98	503.61	2,221.59	20.01	20.87	J-4010
J-4408	500	2,219.00	503.61	2,222.61	20	24.32	J-4406
J-1199	500	2,220.00	503.13	2,223.13	20	2.25	J-8222
J-7956	500	2,220.41	502.49	2,222.90	71.98	0	J-8222
J-7957	500	2,220.44	502.49	2,222.93	39.38	0	J-8222
J-8264	500	2,220.52	500	2,220.52	20	20.25	J-8262
J-7202	500	2,221.06	502.49	2,223.55	29.12	0.01	J-7291
J-7913	500	2,222.11	502.49	2,224.60	37.81	0	J-8222
J-2661	500	2,223.04	500	2,223.04	51.47	0	J-8222



Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-2662	500	2,223.04	500	2,223.04	45.76	0	J-8222
J-2660	500	2,223.05	500	2,223.05	52.07	0	J-8222
J-2663	500	2,223.05	500	2,223.05	41.18	0	J-8222
J-2664	500	2,223.05	500	2,223.05	37.21	0	J-8222
J-604	500	2,223.26	503.13	2,226.40	20	0.38	J-8222
J-716	500	2,224.46	503.13	2,227.59	20	2.25	J-8222
J-6041	500	2,225.84	502.51	2,228.35	90.07	0	J-8222
J-6051	500	2,225.86	502.51	2,228.37	90.06	0	J-8222
J-2222	500	2,228.10	503.59	2,231.69	20.03	0.17	J-8222
J-7162	500	2,231.10	502.49	2,233.59	20.01	7.1	J-8307
J-4424	500	2,231.85	503.61	2,235.46	20	23.46	J-4425
J-4081	500	2,232.54	503.61	2,236.15	20.02	2.29	J-8222
J-6049	500	2,233.14	502.51	2,235.65	86.37	0	J-8222
J-6050	500	2,233.14	502.51	2,235.65	81.66	0	J-8222
J-8141	500	2,233.51	575.61	2,309.12	25.27	0	J-7102
J-8120	500	2,233.87	502.49	2,236.36	33.59	0.02	J-7291
J-2257	500	2,234.02	503.59	2,237.61	20	14.43	J-2281
J-570	500	2,234.81	503.13	2,237.95	35.09	0	J-8222
J-6047	500	2,235.12	502.51	2,237.63	85.41	0	J-8222
J-6048	500	2,235.12	502.51	2,237.63	65.06	0	J-8222
J-2377	500	2,235.49	503.59	2,239.08	20.03	15.1	J-2502
J-7891	500	2,235.75	502.49	2,238.24	20	0.02	J-8222
J-6080	500	2,237.60	500	2,237.60	88.02	0	J-8222
J-4450	500	2,240.15	503.61	2,243.77	20	22.28	J-2502
J-548	500	2,240.19	503.13	2,243.33	31.91	0	J-8222
J-812	500	2,243.09	503.13	2,246.22	20	0.17	J-8222
J-4457	500	2,243.43	503.61	2,247.05	20	21.4	J-4454
J-7908	500	2,243.81	502.49	2,246.30	20	0.55	J-8222
J-6040	500	2,245.82	502.51	2,248.33	88.71	0	J-8222
J-8263	500	2,246.61	500	2,246.61	20	19.22	J-8262
J-2007	500	2,246.90	503.59	2,250.49	43.73	0	J-8222
J-2008	500	2,247.06	503.59	2,250.64	28.78	0	J-8222
J-8266	500	2,250.27	500	2,250.27	20	17.35	J-8265
J-4635	500	2,250.41	500	2,250.41	20	1.94	J-4641
J-592	500	2,251.39	503.13	2,254.52	29.31	0	J-8222
J-2233	500	2,251.77	503.59	2,255.36	20.04	0.16	J-8222
J-3066	500	2,251.92	505.55	2,257.47	20	11.34	J-3071
J-2416	500	2,253.53	503.59	2,257.12	20	7.49	J-2453
J-4678	500	2,254.88	500	2,254.88	20	11.35	J-4680
J-547	500	2,255.55	503.13	2,258.69	29.56	0	J-8222
J-7107	500	2,257.28	502.49	2,259.77	25.44	0	J-7102
J-7192	500	2,257.69	502.49	2,260.18	20	7.1	J-8307
J-7190	500	2,258.62	502.49	2,261.11	20	7.1	J-8307
J-2018	500	2,258.74	503.59	2,262.33	41.81	0	J-8222
J-2017	500	2,258.75	503.59	2,262.34	48.09	0	J-8222
J-8290	500	2,262.00	500	2,262.00	20	17.41	J-8302
J-2495	500	2,262.38	503.59	2,265.96	20	9.84	J-2502
J-4372	500	2,262.43	503.61	2,266.04	20	13.94	J-4373
J-7022	500	2,263.92	502.49	2,266.41	20.01	18.92	J-7052
J-4629	500	2,264.90	500	2,264.90	20.01	1.82	J-4641
J-8260	500	2,265.61	500	2,265.61	20	22.42	J-8259
J-6020	500	2,266.57	502.51	2,269.08	72.93	0	J-8222
J-6054	500	2,266.67	502.51	2,269.18	73.2	0	J-8222
J-561	500	2,266.93	503.13	2,270.07	48.93	0	J-8222
J-6038	500	2,267.02	502.51	2,269.53	88.21	0	J-8222
J-6025	500	2,267.89	502.51	2,270.40	61.25	0	J-8222
J-6021	500	2,267.90	502.51	2,270.41	77.04	0	J-8222

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-6022	500	2,267.90	502.51	2,270.41	63.47	0	J-8222
J-6023	500	2,267.90	502.51	2,270.41	64.95	0	J-8222
J-6024	500	2,267.90	502.51	2,270.41	57.77	0	J-8222
J-6026	500	2,267.90	502.51	2,270.41	40.33	0	J-8222
J-6037	500	2,268.98	502.51	2,271.49	88.3	0	J-8222
J-7958	500	2,269.04	502.49	2,271.53	64.19	0	J-8222
J-724	500	2,270.84	503.13	2,273.97	20	1.9	J-8222
J-4100	500	2,271.11	503.61	2,274.72	20	2.25	J-8222
J-2396	500	2,271.13	503.59	2,274.72	20.02	3.15	J-2398
J-6028	500	2,271.26	502.51	2,273.77	22.24	0	J-8222
J-4290	500	2,271.39	503.61	2,275.00	20	16.2	J-4264
J-6027	500	2,271.97	502.51	2,274.48	65.79	0	J-8222
J-7040	500	2,272.95	502.49	2,275.44	20	13.16	J-7052
J-717	500	2,273.31	503.13	2,276.44	20	2.24	J-8222
J-5112	500	2,273.46	503.01	2,276.48	55.71	0	J-8222
J-5124	500	2,273.47	500	2,273.47	51.14	0	J-8222
J-5113	500	2,273.48	503.01	2,276.49	62.76	0	J-8222
J-5111	500	2,273.49	503.01	2,276.50	77.1	0	J-8222
J-6033	500	2,273.50	502.51	2,276.01	59.57	0	J-8222
J-8252	500	2,274.28	513.9	2,288.18	20.01	19.67	J-7052
J-7120	500	2,274.71	502.49	2,277.21	24.9	0	J-7102
J-7195	500	2,277.03	502.49	2,279.52	20	7.09	J-8307
J-7890	500	2,278.66	502.49	2,281.15	20	0	J-8222
J-825	500	2,279.70	503.13	2,282.84	72.18	0.01	J-262
J-7055	500	2,281.00	502.49	2,283.49	20	15.02	J-7092
J-7609	500	2,281.76	502.49	2,284.26	20	18.52	J-8262
J-4154	500	2,282.45	503.61	2,286.07	20	2.27	J-8222
J-8251	500	2,283.40	502.49	2,285.89	20.01	19.47	J-7052
J-6036	500	2,286.83	500	2,286.83	83.44	0	J-8222
J-2021	500	2,286.94	503.59	2,290.53	49.67	0	J-8222
J-2019	500	2,286.95	503.59	2,290.54	60.29	0	J-8222
J-6081	500	2,287.03	500	2,287.03	83.45	0	J-8222
J-6056	500	2,287.21	500	2,287.21	83.45	0	J-8222
J-6057	500	2,287.42	500	2,287.42	83.46	0	J-8222
J-6058	500	2,287.51	500	2,287.51	83.46	0	J-8222
J-6059	500	2,287.53	500	2,287.53	83.46	0	J-8222
J-2603	500	2,292.22	503.59	2,295.81	48.12	0	J-8222
J-2250	500	2,293.12	503.59	2,296.71	20	10.97	J-2281
J-682	500	2,293.19	503.13	2,296.33	20	0.81	J-8222
J-8289	500	2,293.21	500	2,293.21	20	17.41	J-8302
J-2020	500	2,294.65	503.59	2,298.24	61	0	J-8222
J-1057	500	2,296.48	503.13	2,299.61	20	1.83	J-8222
J-4642	500	2,297.85	503.61	2,301.47	20	18.76	J-2502
J-5000	500	2,299.02	503.01	2,302.03	20	36.4	J-5004
J-4481	500	2,299.19	503.61	2,302.80	20	21.38	J-2502
J-4652	500	2,299.37	504.08	2,303.45	20	25.95	J-1185
J-559	500	2,303.83	503.13	2,306.96	52.09	0	J-8222
J-848	500	2,304.59	503.13	2,307.72	26.98	0	J-8222
J-2022	500	2,312.67	503.59	2,316.26	66.38	0	J-8222
J-4307	500	2,313.58	503.61	2,317.19	20	24.58	J-2502
J-7123	500	2,315.41	502.49	2,317.90	20	13.12	J-7102
J-404	500	2,318.99	503.13	2,322.13	20.03	25.95	J-1185
J-2227	500	2,320.38	503.59	2,323.97	20.01	0.09	J-8222
J-4044	500	2,320.40	503.61	2,324.01	20.01	22.61	J-4007
J-4266	500	2,321.30	503.61	2,324.91	20	15.86	J-4264
J-555	500	2,322.17	503.13	2,325.31	48.76	0	J-8222
J-8287	500	2,322.40	500	2,322.40	20	21.64	J-8286

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-8259	500	2,322.65	500	2,322.65	20	21.19	J-8261
J-7050	500	2,328.26	502.49	2,330.76	20	14.27	J-7092
J-8218	500	2,328.44	512.5	2,340.94	20.01	16.24	J-7102
J-7640	500	2,332.58	502.49	2,335.08	20	16.55	J-7655
J-4235	500	2,332.84	503.61	2,336.45	20	25.13	J-2502
J-132	500	2,334.96	503.13	2,338.09	20.03	25.95	J-1185
J-7119	500	2,335.54	502.49	2,338.03	22.31	0	J-7102
J-2625	500	2,337.74	521.82	2,359.56	47.71	0	J-8222
J-4344	500	2,338.34	503.61	2,341.95	20	24.36	J-2502
J-4155	500	2,339.11	503.61	2,342.72	20	2.27	J-8222
J-4050	500	2,339.39	503.61	2,343.00	20.01	21.34	J-4007
J-4075	500	2,340.79	503.61	2,344.40	20	2.28	J-8222
J-402	500	2,341.16	503.13	2,344.29	20.02	20.02	J-404
J-4005	500	2,344.85	503.61	2,348.47	20.01	17.28	J-4007
J-557	500	2,348.99	503.13	2,352.12	53.72	0	J-8222
J-4001	500	2,350.24	503.61	2,353.85	20.01	19.91	J-4007
J-2340	500	2,353.55	503.59	2,357.14	20	2.1	J-8222
J-2501	500	2,354.98	503.59	2,358.57	25.96	0	J-2502
J-7061	500	2,355.95	502.49	2,358.45	20	12.95	J-7092
J-8286	500	2,356.13	500	2,356.13	20	20	J-8287
J-4136	500	2,359.76	503.61	2,363.37	20	25.95	J-1185
J-7174	500	2,361.59	502.49	2,364.08	20	7.08	J-8307
J-2407	500	2,362.14	503.59	2,365.72	20	13.3	J-2281
J-556	500	2,363.71	503.13	2,366.85	54.26	0	J-8222
J-2390	500	2,363.86	503.59	2,367.45	20.02	3.15	J-2395
J-4592	500	2,364.60	502.85	2,367.45	20	2.26	J-8222
J-7062	500	2,364.69	502.49	2,367.18	20	12.72	J-7092
J-748	500	2,366.29	503.13	2,369.42	20	0.91	J-8222
J-847	500	2,366.37	503.13	2,369.50	35.7	0	J-8222
J-4006	500	2,367.34	503.61	2,370.95	20.01	15.68	J-4007
J-7888	500	2,369.78	502.49	2,372.27	48.31	0	J-8222
J-2376	500	2,370.29	503.59	2,373.88	20	13.85	J-2502
J-4657	500	2,372.38	504.43	2,376.81	20	21.03	J-4007
J-2584	500	2,375.67	503.59	2,379.26	43.27	0	J-8222
J-2510	500	2,375.77	503.59	2,379.36	53.36	0	J-8222
J-581	500	2,376.86	503.13	2,380.00	20	0.45	J-8222
J-2600	500	2,378.22	503.59	2,381.81	53.52	0	J-8222
J-4223	500	2,378.25	503.61	2,381.86	20	24.72	J-2502
J-849	500	2,381.45	503.13	2,384.59	20	0.06	J-8222
J-846	500	2,386.86	503.13	2,389.99	39.63	0	J-8222
J-4153	500	2,387.60	503.61	2,391.22	20	2.27	J-8222
J-403	500	2,389.68	503.13	2,392.82	20.03	17.48	J-404
J-2651	500	2,390.70	500	2,390.70	56.17	0	J-8222
J-4650	500	2,392.41	504.08	2,396.49	20.01	25.95	J-1185
J-7013	500	2,395.48	502.49	2,397.97	20.02	16.96	J-7052
J-7025	500	2,400.17	502.49	2,402.66	20	14.29	J-7052
J-2223	500	2,403.80	503.59	2,407.39	36.77	0	J-8222
J-7038	500	2,405.28	502.49	2,407.77	20.02	14.99	J-7052
J-4051	500	2,406.72	503.61	2,410.33	20.01	18.02	J-4007
J-4277	500	2,407.11	503.61	2,410.72	20	17.05	J-4264
J-7915	500	2,407.43	502.49	2,409.92	20	0.28	J-8222
J-7056	500	2,409.59	502.49	2,412.08	20	11.33	J-7092
J-2206	500	2,410.21	503.59	2,413.80	39.98	0	J-8222
J-2205	500	2,410.30	503.59	2,413.89	49.2	0	J-8222
J-2225	500	2,410.77	503.59	2,414.36	33.76	0	J-8222
J-2224	500	2,410.84	503.59	2,414.43	30.08	0	J-8222
J-4423	500	2,411.20	503.61	2,414.81	20	24.24	J-2502

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-4042	500	2,413.29	503.61	2,416.90	20.01	18.85	J-4007
J-828	500	2,415.12	503.13	2,418.26	20.03	0.02	J-8222
J-4169	500	2,416.84	503.61	2,420.45	20	2.27	J-8222
J-7028	500	2,417.57	502.49	2,420.06	20	13.91	J-7052
J-591	500	2,418.79	503.13	2,421.92	50.04	0	J-8222
J-2207	500	2,419.05	503.59	2,422.64	47.45	0	J-8222
J-593	500	2,421.71	503.13	2,424.84	47.68	0	J-8222
J-606	500	2,421.81	503.13	2,424.95	48.22	0	J-8222
J-864	500	2,421.83	503.13	2,424.96	48.9	0	J-8222
J-1288	500	2,421.95	500	2,421.95	51.16	0	J-8222
J-2339	500	2,422.27	503.59	2,425.86	20	2.09	J-8222
J-8255	500	2,422.63	502.49	2,425.12	20.01	1.83	J-7010
J-1251	500	2,422.94	500	2,422.94	48.01	0	J-8222
J-863	500	2,423.23	503.13	2,426.36	48.85	0	J-8222
J-1252	500	2,423.47	500	2,423.47	47.77	0	J-8222
J-4289	500	2,424.13	503.61	2,427.74	20	14.58	J-4264
J-1068	500	2,424.80	503.13	2,427.93	46.8	0	J-8222
J-1069	500	2,426.70	503.13	2,429.84	55.89	0	J-8222
J-7057	500	2,427.87	502.49	2,430.36	20	11.03	J-7092
J-4058	500	2,430.81	503.61	2,434.42	20	13.51	J-4059
J-4119	500	2,431.02	511	2,442.02	20	25.95	J-1185
J-2670	500	2,431.14	500	2,431.14	20.02	0.02	J-8222
J-781	500	2,431.50	503.13	2,434.63	20.01	0.67	J-8222
J-2503	500	2,433.63	503.59	2,437.22	37.94	0	J-2502
J-2229	500	2,433.65	503.59	2,437.24	34.46	0	J-8222
J-7004	500	2,435.70	502.49	2,438.19	20.01	1.83	J-7010
J-4380	500	2,435.73	503.61	2,439.34	20	19.13	J-4381
J-2231	500	2,437.13	503.59	2,440.72	24.52	0	J-8222
J-2234	500	2,437.42	503.59	2,441.01	28.93	0	J-8222
J-2236	500	2,438.06	503.59	2,441.65	31.64	0	J-8222
J-2235	500	2,438.24	503.59	2,441.83	23.24	0	J-8222
J-7032	500	2,438.65	502.49	2,441.14	20	11.19	J-7052
J-2232	500	2,440.33	503.59	2,443.91	39.69	0	J-8222
J-2458	500	2,440.42	503.59	2,444.01	20	0.22	J-8222
J-845	500	2,441.08	503.13	2,444.21	52.18	0	J-8222
J-2494	500	2,441.55	503.59	2,445.14	20	10.74	J-2502
J-7012	500	2,443.87	502.49	2,446.36	20.02	16.12	J-7052
J-2559	500	2,445.93	503.59	2,449.51	20	2.08	J-8222
J-2304	500	2,447.35	503.59	2,450.94	20	18.07	J-2502
J-7015	500	2,447.44	502.49	2,449.93	20	15.37	J-7052
J-2601	500	2,450.43	503.59	2,454.02	48.46	0	J-8222
J-600	500	2,450.86	503.13	2,453.99	20.01	0.19	J-8222
J-2671	500	2,450.88	500	2,450.88	35.05	0	J-8222
J-2667	500	2,450.89	500	2,450.89	35.68	0	J-8222
J-2666	500	2,450.90	500	2,450.90	38.6	0	J-8222
J-2668	500	2,450.90	500	2,450.90	31.89	0	J-8222
J-2669	500	2,450.90	500	2,450.90	25.04	0	J-8222
J-2665	500	2,450.91	500	2,450.91	43.96	0	J-8222
J-4265	500	2,451.85	503.61	2,455.46	20	10.36	J-4264
J-8285	500	2,454.79	500	2,454.79	20	19.41	J-8302
J-7037	500	2,455.00	502.49	2,457.49	20	13.45	J-7052
J-405	500	2,455.13	503.13	2,458.26	20	18.7	J-404
J-2176	500	2,456.23	503.59	2,459.82	22.94	0	J-2184
J-4400	500	2,456.64	503.61	2,460.25	20	18.27	J-4401
J-4057	500	2,458.66	503.61	2,462.27	20	16.63	J-4007
J-7169	500	2,459.51	502.49	2,462.00	20.02	7.06	J-8307
J-2228	500	2,460.32	503.59	2,463.91	46.8	0	J-8222

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-1253	500	2,460.61	500	2,460.61	38.35	0	J-8222
J-4367	500	2,460.94	503.61	2,464.56	20	20	J-4368
J-827	500	2,463.22	503.13	2,466.35	62.9	0	J-8222
J-2620	500	2,463.88	503.59	2,467.47	20	13.11	J-2502
J-7194	500	2,464.24	502.49	2,466.73	20	7.06	J-8307
J-823	500	2,466.12	503.13	2,469.25	30.49	0	J-8222
J-830	500	2,466.38	503.13	2,469.51	76.98	0	J-8222
J-826	500	2,466.44	503.13	2,469.57	73.59	0	J-8222
J-829	500	2,466.54	503.13	2,469.67	75.41	0	J-8222
J-2289	500	2,470.02	503.59	2,473.61	20	6.72	J-2292
J-1134	500	2,470.42	503.13	2,473.56	20	25.94	J-1185
J-8288	500	2,470.44	500	2,470.44	20	17.41	J-8303
J-4249	500	2,470.68	503.61	2,474.29	20	23.46	J-4242
J-2621	500	2,471.36	582.32	2,553.68	44.99	0	J-8222
J-7019	500	2,471.60	502.49	2,474.09	20	14.97	J-7052
J-2260	500	2,471.84	503.59	2,475.43	20	11.91	J-2281
J-7200	500	2,473.94	502.49	2,476.43	26.63	0	J-8058
J-1075	500	2,474.91	503.13	2,478.04	74.29	0	J-8222
J-844	500	2,478.26	503.13	2,481.39	48.78	0	J-8222
J-4628	500	2,479.27	500	2,479.27	31.59	0	J-4641
J-7026	500	2,480.40	502.49	2,482.90	20	13.31	J-7052
J-4347	500	2,481.56	503.61	2,485.17	20	23.82	J-2502
J-4365	500	2,483.93	503.61	2,487.54	20	24.41	J-2502
J-7023	500	2,483.97	502.49	2,486.47	20	13.67	J-7052
J-4559	500	2,486.02	503.61	2,489.63	20	24.36	J-2502
J-831	500	2,489.48	503.13	2,492.62	74.43	0	J-8222
J-2500	500	2,489.49	503.59	2,493.08	20	0.74	J-2502
J-4040	500	2,489.95	503.61	2,493.56	20.01	14.02	J-4039
J-4627	500	2,493.73	500	2,493.73	31.59	0	J-4641
J-4038	500	2,494.11	503.61	2,497.72	20.01	12.22	J-4039
J-7045	500	2,494.15	502.49	2,496.64	20	11.04	J-7092
J-4535	500	2,494.43	503.61	2,498.05	20	20.99	J-2502
J-2337	500	2,494.80	503.59	2,498.39	20.05	25.94	J-1185
J-590	500	2,498.16	503.13	2,501.29	46.44	0	J-8222
J-8284	500	2,498.55	500	2,498.55	20	17.41	J-8302
J-7018	500	2,502.13	502.49	2,504.62	20	14.41	J-7052
J-7017	500	2,506.34	502.49	2,508.83	20	14.36	J-7052
J-671	500	2,508.77	503.13	2,511.90	64.17	0	J-8222
J-7951	500	2,513.67	502.49	2,516.16	84.44	0	J-8222
J-4098	500	2,516.25	503.61	2,519.86	20	2.24	J-8222
J-4037	500	2,517.28	503.61	2,520.89	20.01	14.04	J-4007
J-5096	500	2,517.94	503.01	2,520.96	20	0.97	J-166
J-4656	500	2,518.21	504.43	2,522.64	20.01	13.82	J-4007
J-7593	500	2,518.36	502.49	2,520.86	20	8.74	J-7595
J-7959	500	2,521.35	502.49	2,523.85	89.42	0	J-8222
J-7131	500	2,522.01	502.49	2,524.50	20	12.62	J-7133
J-2246	500	2,524.27	503.59	2,527.86	20	10.04	J-2281
J-4036	500	2,524.56	503.61	2,528.17	20.01	12.34	J-4007
J-2241	500	2,526.21	503.59	2,529.80	36.91	0	J-8222
J-4088	500	2,529.31	503.61	2,532.92	20	2.28	J-8222
J-5130	500	2,529.74	526.57	2,556.31	72.52	0	J-8222
J-992	500	2,530.23	503.13	2,533.36	20	0.3	J-8222
J-2499	500	2,534.56	503.59	2,538.15	20	2.14	J-8222
J-4165	500	2,535.62	503.61	2,539.23	20	2.27	J-8222
J-4259	500	2,538.90	503.61	2,542.51	20	21.73	J-4260
J-4052	500	2,540.60	503.61	2,544.21	20.01	10.82	J-4007
J-2572	500	2,541.03	503.59	2,544.62	20	24.7	J-2502

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-4054	500	2,542.01	503.61	2,545.63	20.01	10.39	J-4007
J-3032	500	2,542.11	502.67	2,544.78	35.93	0.01	J-3038
J-4053	500	2,542.39	503.61	2,546.00	20.01	10.28	J-4007
J-7156	500	2,542.51	502.49	2,545.00	20	7.04	J-8307
J-4004	500	2,543.60	503.61	2,547.21	20.01	9.95	J-4007
J-2571	500	2,543.61	503.59	2,547.20	20	24.7	J-2502
J-2237	500	2,544.49	503.59	2,548.08	33.75	0	J-8222
J-7029	500	2,545.35	502.49	2,547.84	20	8.78	J-7052
J-4326	500	2,551.70	503.61	2,555.31	20	23.03	J-4327
J-4240	500	2,552.88	503.61	2,556.49	20	18.7	J-4574
J-4003	500	2,553.24	503.61	2,556.85	20.01	9.21	J-4007
J-4451	500	2,553.58	503.61	2,557.19	20	10.5	J-4446
J-2298	500	2,558.98	503.59	2,562.57	20	12.19	J-2502
J-782	500	2,559.07	503.13	2,562.21	20.01	0.6	J-8222
J-4548	500	2,559.67	503.61	2,563.29	20	14.9	J-4446
J-4173	500	2,561.81	503.61	2,565.43	20	2.26	J-8222
J-4002	500	2,562.79	503.61	2,566.40	20.01	8.97	J-4007
J-2412	500	2,562.84	503.59	2,566.43	21.22	0	J-2453
J-4247	500	2,563.30	503.61	2,566.92	20	24.13	J-4264
J-4325	500	2,563.80	503.61	2,567.41	20	23.51	J-2502
J-4658	500	2,564.24	504.43	2,568.67	20.01	11.55	J-4007
J-4097	500	2,567.72	503.61	2,571.33	20	2.24	J-8222
J-7024	500	2,568.03	502.49	2,570.52	20	10.04	J-7052
J-588	500	2,568.30	503.13	2,571.43	47.22	0	J-8222
J-4445	500	2,573.18	503.61	2,576.79	20	11.24	J-4446
J-4617	500	2,573.36	500	2,573.36	20	25.95	J-1185
J-2627	500	2,574.52	537.33	2,611.86	32.35	0	J-8222
J-3051	500	2,576.20	502.67	2,578.87	35.93	0.01	J-3038
J-8258	500	2,577.12	500	2,577.12	20.02	15	J-8259
J-3014	500	2,578.39	502.67	2,581.06	20.06	0.02	J-3018
J-4041	500	2,578.41	503.61	2,582.02	20.01	11.3	J-4007
J-7020	500	2,583.88	502.49	2,586.37	20	11.51	J-7052
J-4404	500	2,584.36	503.61	2,587.97	20	24.85	J-2502
J-4619	500	2,586.36	500	2,586.36	20	25.95	J-1185
J-630	500	2,586.90	503.13	2,590.03	20	1.33	J-8222
J-4032	500	2,590.52	503.61	2,594.13	20	25.95	J-1185
J-7021	500	2,593.14	502.49	2,595.63	20	11.83	J-7052
J-8242	500	2,598.01	500	2,598.01	90.88	0	J-8222
J-8243	500	2,598.02	500	2,598.02	133.94	0	J-8222
J-8244	500	2,598.03	500	2,598.03	90.27	0	J-8222
J-5128	500	2,601.36	503.01	2,604.38	20	15.57	J-5126
J-1287	500	2,603.10	513.66	2,616.76	20	21.02	J-1286
J-3012	500	2,605.89	502.67	2,608.56	20	4.41	J-3018
J-597	500	2,606.90	503.13	2,610.04	27.92	0	J-8222
J-4312	500	2,607.55	503.61	2,611.16	20	19.13	J-4313
J-7122	500	2,608.16	502.49	2,610.65	21.33	0	J-7102
J-4626	500	2,610.68	500	2,610.68	29	0	J-4641
J-8154	500	2,613.88	505.11	2,618.99	20	25.95	J-1185
J-4393	500	2,614.21	503.61	2,617.83	20	25.29	J-2502
J-4369	500	2,616.76	503.61	2,620.37	20	20	J-4370
J-4651	500	2,617.06	504.08	2,621.14	20.01	25.95	J-1185
J-1056	500	2,619.14	503.13	2,622.27	20	1.68	J-8222
J-4541	500	2,622.29	503.61	2,625.91	20	20.04	J-2502
J-4254	500	2,623.77	503.61	2,627.38	20	23.35	J-4264
J-598	500	2,625.00	503.13	2,628.13	37.85	0	J-8222
J-596	500	2,625.82	503.13	2,628.96	41.22	0	J-8222
J-2543	500	2,626.33	503.59	2,629.92	20	11.47	J-2281

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-2617	500	2,626.58	503.59	2,630.17	20	2.06	J-8222
J-4659	500	2,626.85	503.61	2,630.46	20.01	8.46	J-4007
J-4591	500	2,627.42	502.85	2,630.27	20	2.25	J-8222
J-4056	500	2,627.79	503.61	2,631.40	20.01	7.97	J-4007
J-7033	500	2,629.16	502.49	2,631.65	20	8.02	J-7052
J-4257	500	2,633.30	503.61	2,636.91	20	9.18	J-4258
J-1286	500	2,633.98	500.14	2,634.12	20	20	J-1287
J-4314	500	2,634.82	503.61	2,638.43	20	19.13	J-4315
J-7159	500	2,635.21	502.49	2,637.70	20	7.03	J-8307
J-1124	500	2,636.09	503.13	2,639.22	20.02	25.95	J-1185
J-3015	500	2,639.83	502.67	2,642.50	24.75	0	J-3018
J-946	500	2,640.20	503.13	2,643.33	20	25.94	J-1185
J-4238	500	2,640.42	503.61	2,644.03	20	24.59	J-2502
J-1127	500	2,640.45	503.13	2,643.58	39.43	0	J-8222
J-7929	500	2,640.69	502.49	2,643.18	88.37	0	J-8222
J-969	500	2,642.64	503.13	2,645.77	20	25.94	J-1185
J-589	500	2,643.49	503.13	2,646.63	47.73	0	J-8222
J-4673	500	2,643.55	500	2,643.55	20	2.26	J-8222
J-2539	500	2,643.89	503.59	2,647.48	20	11.27	J-2281
J-7984	500	2,646.56	502.49	2,649.05	20	14.8	J-7982
J-979	500	2,646.72	503.13	2,649.86	20	25.94	J-1185
J-4015	500	2,647.50	503.61	2,651.11	20	18.71	J-4016
J-25	500	2,650.45	503.13	2,653.58	20.01	25.95	J-1185
J-4234	500	2,650.53	503.61	2,654.14	20	24.61	J-2502
J-2300	500	2,651.54	503.59	2,655.13	20	11.26	J-2502
J-7615	500	2,652.34	502.49	2,654.84	20.02	20	J-7641
J-4660	500	2,653.62	503.61	2,657.23	20.01	7.13	J-4007
J-2403	500	2,654.68	503.59	2,658.26	20	10.25	J-2281
J-675	500	2,655.03	503.13	2,658.16	84.96	0	J-8222
J-4256	500	2,656.06	503.61	2,659.67	20	23.49	J-4264
J-4228	500	2,656.16	503.61	2,659.77	20	20	J-4229
J-7034	500	2,657.54	502.49	2,660.03	20	6.96	J-7052
J-4308	500	2,658.45	503.61	2,662.06	20	23.88	J-2502
J-7602	500	2,659.74	502.49	2,662.23	20.03	20.28	J-7641
J-7036	500	2,660.68	502.49	2,663.17	20	7.6	J-7052
J-2480	500	2,661.17	503.59	2,664.75	20	1.16	J-8222
J-2538	500	2,662.03	503.59	2,665.61	20	11.1	J-2281
J-679	500	2,664.89	503.13	2,668.02	85.09	0	J-8222
J-65	500	2,665.77	503.13	2,668.90	20	25.94	J-1185
J-1285	500	2,665.98	501.26	2,667.24	20	20	J-1287
J-7604	500	2,666.46	502.49	2,668.95	20.02	19.99	J-7641
J-7171	500	2,668.48	502.49	2,670.97	23.44	0	J-8058
J-4252	500	2,668.58	503.61	2,672.19	20	22.81	J-4258
J-2120	500	2,671.71	503.59	2,675.30	48.06	0	J-8222
J-7016	500	2,673.10	502.49	2,675.59	20	10.39	J-7052
J-7995	500	2,673.28	502.49	2,675.78	20	25.95	J-1185
J-4354	500	2,673.59	503.61	2,677.20	20	16.97	J-4355
J-7368	500	2,673.83	502.49	2,676.33	20	25.22	J-3038
J-4677	500	2,678.87	500	2,678.87	20.01	4.52	J-4007
J-7035	500	2,680.21	502.49	2,682.70	20	6.32	J-7092
J-729	500	2,680.21	503.13	2,683.34	20	1.22	J-8222
J-8283	500	2,684.34	500	2,684.34	20	16.54	J-8303
J-7928	500	2,684.61	502.49	2,687.10	79.19	0	J-8222
J-4243	500	2,688.48	503.61	2,692.09	20	23.16	J-4264
J-4245	500	2,693.48	503.61	2,697.10	20	23.31	J-4264
J-7603	500	2,695.15	500	2,695.15	20.02	19.56	J-7641
J-1284	500	2,699.15	509.72	2,708.87	20	20	J-1287

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-715	500	2,700.30	503.13	2,703.44	20	2.2	J-8222
J-4237	500	2,700.66	503.61	2,704.27	20	24.53	J-2502
J-611	500	2,701.08	503.13	2,704.21	20	0.49	J-8222
J-7170	500	2,704.37	502.49	2,706.87	24.16	0	J-8058
J-8131	500	2,705.36	502.49	2,707.85	85.73	0	J-8222
J-8161	500	2,707.54	505.11	2,712.65	20	25.95	J-1185
J-7926	500	2,708.58	502.49	2,711.07	80.55	0	J-8222
J-7189	500	2,709.34	502.49	2,711.83	20	4.8	J-8058
J-7011	500	2,711.09	502.49	2,713.58	20	10.54	J-7052
J-4422	500	2,712.80	503.61	2,716.41	20	19.57	J-4424
J-3026	500	2,713.31	502.67	2,715.98	20	6.81	J-3038
J-200	500	2,713.95	503.13	2,717.08	54.85	0	J-220
J-2290	500	2,714.29	503.59	2,717.88	20	6.77	J-2292
J-7046	500	2,714.40	502.49	2,716.90	20	5.63	J-7102
J-7614	500	2,715.20	502.49	2,717.69	20.01	14.47	J-7655
J-7047	500	2,722.30	502.49	2,724.79	20	5.55	J-7102
J-225	500	2,722.99	503.13	2,726.12	32.31	0	J-220
J-226	500	2,723.10	503.13	2,726.23	24.38	0	J-220
J-2481	500	2,723.11	503.59	2,726.69	23.33	0	J-220
J-4644	500	2,723.13	500	2,723.13	20	2.17	J-8222
J-4279	500	2,727.16	503.61	2,730.78	20	8.05	J-4278
J-4672	500	2,729.61	500	2,729.61	20	2.26	J-8222
J-7884	500	2,729.69	502.49	2,732.18	41.67	0	J-8222
J-7054	500	2,730.18	502.49	2,732.67	20	2.18	J-7092
J-4616	500	2,732.29	500	2,732.29	20	17.84	J-4617
J-1283	500	2,733.73	508.34	2,742.07	20	20	J-1287
J-732	500	2,735.48	503.13	2,738.62	20	1.2	J-8222
J-2296	500	2,738.30	503.59	2,741.89	20	10.4	J-2502
J-2544	500	2,739.06	503.59	2,742.65	20	10.35	J-2281
J-4045	500	2,740.57	503.61	2,744.18	20.01	4.58	J-4007
J-4209	500	2,741.01	503.61	2,744.62	20	19.13	J-4215
J-1280	500	2,742.19	500	2,742.19	20	22.59	J-1287
J-2514	500	2,744.75	503.59	2,748.34	20	9.33	J-2515
J-978	500	2,745.59	503.13	2,748.72	20	25.94	J-1185
J-2533	500	2,747.07	503.59	2,750.66	20	10.2	J-2281
J-8228	500	2,748.02	500	2,748.02	20.03	19.56	J-7641
J-7927	500	2,754.19	502.49	2,756.68	88.44	0	J-8222
J-7002	500	2,754.43	502.49	2,756.92	20.01	3.75	J-3038
J-4329	500	2,758.14	503.61	2,761.75	20	22.63	J-2502
J-8257	500	2,760.09	500	2,760.09	20.01	11.4	J-8259
J-8152	500	2,765.29	505.11	2,770.40	20	25.95	J-1185
J-7923	500	2,766.12	502.49	2,768.61	65.04	0	J-8222
J-4244	500	2,767.77	503.61	2,771.39	20	23.21	J-4264
J-4172	500	2,768.13	503.61	2,771.74	20	2.26	J-8222
J-2619	500	2,768.49	503.59	2,772.08	20.02	22.52	J-2337
J-7003	500	2,768.65	502.49	2,771.14	20.01	4.24	J-3038
J-398	500	2,769.22	503.13	2,772.36	48.53	0	J-8222
J-7914	500	2,769.24	502.49	2,771.73	20	0.01	J-8222
J-1282	500	2,769.74	620.48	2,890.22	20	19.17	J-1280
J-2505	500	2,769.97	503.59	2,773.56	54.82	0	J-2502
J-8122	500	2,774.35	502.49	2,776.84	20	4.83	J-7102
J-2179	500	2,774.40	503.59	2,777.98	24.21	0	J-2184
J-2534	500	2,775.69	503.59	2,779.28	20	9.94	J-2281
J-7186	500	2,777.80	502.49	2,780.29	34.74	0	J-8058
J-221	500	2,777.84	503.13	2,780.97	49.63	0	J-220
J-4166	500	2,777.86	503.61	2,781.47	20	2.26	J-8222
J-3008	500	2,780.99	502.67	2,783.66	20	16.02	J-3038



Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-7783	500	2,782.52	502.49	2,785.01	101.98	0	J-8222
J-1123	500	2,787.23	503.13	2,790.37	20.01	25.95	J-1185
J-7372	500	2,791.16	502.49	2,793.65	20	24.87	J-3038
J-4649	500	2,793.68	504.08	2,797.76	20	20	J-4652
J-4669	500	2,796.36	500	2,796.36	20	2.16	J-8222
J-7176	500	2,796.60	502.49	2,799.09	23.12	0	J-8058
J-8121	500	2,797.53	502.49	2,800.02	20	3.8	J-7102
J-222	500	2,798.58	503.13	2,801.71	47.02	0	J-220
J-4567	500	2,801.75	503.61	2,805.36	31.29	0	J-4007
J-8158	500	2,801.77	505.11	2,806.88	20	25.95	J-1185
J-7048	500	2,802.09	502.49	2,804.58	20	3.62	J-7102
J-4048	500	2,802.44	503.61	2,806.05	30.72	0	J-4007
J-3011	500	2,804.14	502.67	2,806.81	27.31	0	J-3018
J-4251	500	2,804.25	503.61	2,807.86	20	21.94	J-4247
J-4618	500	2,805.22	500	2,805.22	20	16.95	J-4617
J-4566	500	2,805.72	503.61	2,809.33	30.35	0	J-4007
J-4074	500	2,808.00	503.61	2,811.61	20	2.27	J-8222
J-731	500	2,809.37	503.13	2,812.51	20	1.19	J-8222
J-1281	500	2,810.25	500	2,810.25	20	17.92	J-1280
J-8123	500	2,811.10	502.49	2,813.59	20	3.69	J-7102
J-2618	500	2,811.48	503.59	2,815.07	20.02	20.02	J-2337
J-5021	500	2,813.14	503.01	2,816.15	20	7.3	J-5028
J-8132	500	2,814.18	502.49	2,816.67	86.97	0	J-8222
J-5005	500	2,816.77	503.01	2,819.79	20	25.45	J-5004
J-7924	500	2,817.74	502.49	2,820.23	61.36	0	J-8222
J-4615	500	2,821.98	500	2,821.98	20	18.27	J-4617
J-1006	500	2,827.96	503.13	2,831.09	100.83	0	J-8222
J-4622	500	2,830.32	500	2,830.32	20	18.27	J-4617
J-728	500	2,831.07	503.13	2,834.20	20	1.19	J-8222
J-4212	500	2,831.57	503.61	2,835.18	20	12.21	J-4214
J-5044	500	2,835.25	503.01	2,838.26	20	8.75	J-5126
J-4147	500	2,836.03	503.61	2,839.64	20	2.22	J-8222
J-3025	500	2,837.39	502.67	2,840.06	20	0.22	J-3023
J-5057	500	2,839.58	503.01	2,842.59	23.04	0	J-166
J-4014	500	2,846.59	503.61	2,850.20	20.01	21.38	J-4016
J-7000	500	2,846.69	502.49	2,849.18	22.05	0	J-3038
J-726	500	2,848.60	503.13	2,851.73	20	1.59	J-8222
J-4250	500	2,849.53	503.61	2,853.14	20	24.81	J-2502
J-7001	500	2,851.42	502.49	2,853.91	20.01	1.78	J-3038
J-945	500	2,852.78	503.13	2,855.91	20	25.94	J-1185
J-587	500	2,855.66	503.13	2,858.79	35.93	0	J-8222
J-7187	500	2,856.36	502.49	2,858.86	23.46	0	J-8058
J-7168	500	2,862.30	502.49	2,864.79	20.4	0	J-8058
J-5020	500	2,864.48	503.01	2,867.50	20	33.64	J-5028
J-8272	500	2,866.93	500	2,866.93	65.6	0	J-8222
J-8160	500	2,868.07	505.11	2,873.18	20	20	J-8161
J-4078	500	2,872.52	503.61	2,876.14	20	2.26	J-8222
J-4047	500	2,876.51	503.61	2,880.12	33.73	0	J-4007
J-7925	500	2,879.35	502.49	2,881.84	85.68	0	J-8222
J-4255	500	2,882.55	503.61	2,886.16	20	13.38	J-4258
J-223	500	2,882.99	503.13	2,886.12	29.69	0.01	J-220
J-2545	500	2,884.75	503.59	2,888.34	20	8.89	J-2281
J-7882	500	2,885.61	502.49	2,888.11	39.13	0	J-8222
J-968	500	2,885.61	503.13	2,888.74	20	22.16	J-969
J-7193	500	2,888.17	502.49	2,890.66	21.16	0	J-8058
J-7920	500	2,889.90	502.49	2,892.39	27.73	0	J-8222
J-4309	500	2,889.93	503.61	2,893.54	20	16.97	J-4307

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-1055	500	2,890.59	503.13	2,893.73	20	1.49	J-8222
J-4224	500	2,894.11	503.61	2,897.72	20	24.38	J-2502
J-4273	500	2,895.40	503.61	2,899.01	20	19.08	J-4278
J-7965	500	2,900.29	502.49	2,902.78	65.99	0	J-8222
J-8133	500	2,902.24	502.49	2,904.73	54.51	0	J-8222
J-4392	500	2,903.20	503.61	2,906.81	20	25.01	J-2502
J-4118	500	2,905.49	511	2,916.49	20	11.35	J-4119
J-7962	500	2,907.03	502.49	2,909.52	25.62	0	J-8222
J-4465	500	2,907.72	503.61	2,911.33	20	15.16	J-2502
J-4328	500	2,907.90	503.61	2,911.51	20	23.57	J-2502
J-7960	500	2,909.44	502.49	2,911.93	46.57	0	J-8222
J-4358	500	2,910.62	503.61	2,914.23	20	20.86	J-4359
J-4389	500	2,911.32	503.61	2,914.93	20	24.46	J-4264
J-2526	500	2,912.33	503.59	2,915.92	20	8.4	J-2281
J-7968	500	2,914.90	502.49	2,917.39	46.94	0	J-8222
J-4239	500	2,915.50	503.61	2,919.12	20	24.24	J-2502
J-7963	500	2,917.20	502.49	2,919.69	66.55	0	J-8222
J-2565	500	2,918.29	503.59	2,921.88	20	1.99	J-8222
J-4449	500	2,925.23	503.61	2,928.84	20	18.88	J-2502
J-7367	500	2,929.48	502.49	2,931.97	20	18	J-7368
J-7964	500	2,930.82	502.49	2,933.31	72.91	0	J-8222
J-7592	500	2,936.30	502.49	2,938.79	20.01	6.03	J-7595
J-3028	500	2,936.81	502.67	2,939.48	36.78	0	J-3038
J-1158	500	2,938.99	503.13	2,942.13	39.32	0	J-8222
J-4379	500	2,945.81	503.61	2,949.42	20	23.4	J-2502
J-8217	500	2,947.99	500	2,947.99	20.45	0	J-7102
J-8157	500	2,952.52	505.11	2,957.63	20	20	J-8158
J-4227	500	2,958.12	503.61	2,961.73	20	24.29	J-2502
J-4292	500	2,961.60	503.61	2,965.21	20	23.43	J-4234
J-4394	500	2,963.08	503.61	2,966.70	20	24.06	J-4264
J-2247	500	2,965.30	503.59	2,968.89	20	2.42	J-2281
J-1023	500	2,967.40	503.13	2,970.53	61.47	0	J-8222
J-714	500	2,970.15	503.13	2,973.28	21.63	0	J-1203
J-7196	500	2,972.37	502.49	2,974.87	22.36	0	J-8058
J-7157	500	2,973.69	502.49	2,976.18	20.33	0	J-7158
J-4647	500	2,974.47	502.13	2,976.60	20	25.95	J-1185
J-2297	500	2,978.78	503.59	2,982.37	20	7.88	J-2502
J-4226	500	2,979.36	503.61	2,982.97	20	24.38	J-2502
J-1242	500	2,985.39	500	2,985.39	83.88	0	J-8222
J-7369	500	2,985.45	502.49	2,987.94	20.01	22.78	J-3038
J-4080	500	2,985.94	503.61	2,989.55	20	2.26	J-8222
J-1277	500	2,990.07	500	2,990.07	75.47	0	J-8222
J-8124	500	3,002.28	502.49	3,004.77	22.32	0	J-7102
J-3007	500	3,002.29	502.67	3,004.96	20	13.27	J-3038
J-5056	500	3,004.42	503.01	3,007.43	20	27.44	J-166
J-8276	500	3,006.36	500	3,006.36	20	19.51	J-7641
J-8125	500	3,009.09	502.49	3,011.58	26.49	0	J-7102
J-988	500	3,010.59	503.13	3,013.73	80.68	0	J-8222
J-989	500	3,011.82	503.13	3,014.95	66.41	0	J-8222
J-1022	500	3,012.91	503.13	3,016.05	84.52	0	J-8222
J-4590	500	3,014.66	502.85	3,017.51	20	2.24	J-8222
J-991	500	3,017.92	503.13	3,021.06	61.68	0	J-8222
J-4431	500	3,019.43	503.61	3,023.04	20	9.9	J-4435
J-4352	500	3,020.88	503.61	3,024.49	20	21.49	J-2502
J-1009	500	3,024.68	503.13	3,027.81	83.49	0	J-8222
J-1021	500	3,024.82	503.13	3,027.96	85.17	0	J-8222
J-4167	500	3,031.37	503.61	3,034.98	20	2.25	J-8222

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-2411	500	3,031.77	503.59	3,035.36	20	6.26	J-2281
J-4360	500	3,035.50	503.61	3,039.11	20	22.59	J-2502
J-1077	500	3,035.91	503.13	3,039.05	20	0.51	J-8222
J-7049	500	3,036.54	502.49	3,039.03	26.39	0	J-7102
J-96	500	3,038.05	503.13	3,041.18	20	25.94	J-1185
J-4543	500	3,038.10	503.61	3,041.71	20	2.03	J-8222
J-4216	500	3,038.56	503.61	3,042.17	20	16.97	J-4217
J-8282	500	3,038.60	500	3,038.60	20.01	15.15	J-7102
J-7177	500	3,039.08	502.49	3,041.57	24.34	0	J-8058
J-4648	500	3,041.51	504.08	3,045.59	20	20	J-4652
J-2174	500	3,041.58	503.59	3,045.17	24.94	0	J-2184
J-4210	500	3,046.36	503.61	3,049.97	20	13.44	J-4214
J-3029	500	3,046.50	502.67	3,049.17	37.05	0	J-3038
J-4371	500	3,046.85	503.61	3,050.46	20	23.27	J-2502
J-1040	500	3,047.48	500	3,047.48	20.01	2.06	J-8222
J-4222	500	3,047.57	503.61	3,051.18	20	24.15	J-2502
J-1025	500	3,052.45	503.13	3,055.58	25.83	0	J-8222
J-2597	500	3,058.14	503.59	3,061.73	20	5.17	J-2281
J-995	500	3,067.71	503.13	3,070.84	49.98	0	J-8222
J-4230	500	3,067.86	503.61	3,071.47	20	17.84	J-4231
J-5010	500	3,068.65	503.01	3,071.66	20	28.97	J-5004
J-725	500	3,069.34	503.13	3,072.48	20	1.46	J-8222
J-2570	500	3,069.58	503.59	3,073.17	20	22.16	J-2572
J-8000	500	3,071.08	502.49	3,073.58	20	25.95	J-1185
J-4654	500	3,071.67	508.95	3,080.62	20	20	J-4655
J-727	500	3,087.79	503.13	3,090.93	20	1.18	J-8222
J-1184	500	3,088.70	506.13	3,094.83	20	25.95	J-1185
J-580	500	3,088.97	503.13	3,092.10	42.5	0	J-8222
J-4544	500	3,090.70	503.61	3,094.31	20	23.31	J-4264
J-5003	500	3,092.43	503.01	3,095.44	20	18.27	J-5004
J-4031	500	3,097.87	503.61	3,101.48	20.01	20.87	J-4032
J-1026	500	3,102.31	503.13	3,105.44	27.63	0	J-8222
J-2567	500	3,116.24	503.59	3,119.82	20	23.65	J-2566
J-1097	500	3,118.64	503.13	3,121.78	20.01	25.95	J-1185
J-2181	500	3,119.64	503.59	3,123.23	21.79	0	J-2184
J-4021	500	3,125.88	503.61	3,129.49	20.01	23.92	J-4016
J-4396	500	3,129.26	503.61	3,132.88	20	19.57	J-4397
J-2178	500	3,130.71	503.59	3,134.30	20	13.92	J-2184
J-4353	500	3,131.65	503.61	3,135.26	20	16.97	J-4355
J-4310	500	3,132.45	503.61	3,136.06	20	22.86	J-2502
J-4391	500	3,133.83	503.61	3,137.44	20	19.49	J-4392
J-4024	500	3,138.30	503.61	3,141.91	20	25.95	J-1185
J-7371	500	3,138.38	502.49	3,140.88	20	19.57	J-7372
J-7871	500	3,143.94	502.49	3,146.44	20	0.26	J-8222
J-8281	500	3,144.63	500	3,144.63	20.01	13.08	J-7102
J-1183	500	3,153.24	506.13	3,159.37	20	25.95	J-1185
J-7180	500	3,157.64	502.49	3,160.13	31.88	0.01	J-8058
J-7894	500	3,158.49	502.49	3,160.98	40.26	0	J-8222
J-4589	500	3,161.85	502.85	3,164.70	20	2.24	J-8222
J-2242	500	3,162.79	503.59	3,166.38	24.87	0	J-2281
J-5002	500	3,163.65	503.01	3,166.67	20	22.02	J-5004
J-4176	500	3,163.76	503.61	3,167.38	20	2.02	J-8222
J-7366	500	3,168.75	502.49	3,171.24	20	16.88	J-7369
J-8159	500	3,170.88	505.11	3,175.99	20	19.14	J-8161
J-695	500	3,174.02	503.13	3,177.16	20.01	0.66	J-8222
J-130	500	3,175.22	503.13	3,178.35	20	25.94	J-1185
J-103	500	3,177.40	503.13	3,180.54	20	25.94	J-1185

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-4033	500	3,177.98	503.61	3,181.59	20	25.95	J-1185
J-4123	500	3,178.11	503.61	3,181.72	20	25.95	J-1185
J-7907	500	3,185.51	502.49	3,188.00	34.94	0	J-8222
J-3030	500	3,189.24	502.67	3,191.91	35.36	0	J-3038
J-8280	500	3,194.11	500	3,194.11	20.01	12.1	J-7102
J-7880	500	3,197.66	502.49	3,200.15	32.06	0	J-8222
J-4018	500	3,207.00	503.61	3,210.61	20.01	25.95	J-1185
J-5001	500	3,209.61	503.01	3,212.63	20	19.72	J-5004
J-1015	500	3,214.40	503.13	3,217.54	82.69	0	J-8222
J-2180	500	3,218.60	503.59	3,222.19	24.64	0	J-2184
J-4614	500	3,224.55	500	3,224.55	20	21.73	J-4617
J-72	500	3,226.54	503.13	3,229.67	20	25.94	J-1185
J-7370	500	3,226.81	502.49	3,229.30	20	18.96	J-3038
J-8008	500	3,229.66	502.49	3,232.16	20	25.95	J-1185
J-3078	500	3,231.13	521.6	3,252.73	20	25.95	J-1185
J-4549	500	3,245.07	503.61	3,248.68	20	13.3	J-4457
J-723	500	3,251.69	503.13	3,254.83	20	1.44	J-8222
J-4070	500	3,256.31	503.61	3,259.92	20	2.25	J-8222
J-4034	500	3,260.91	503.61	3,264.52	20.01	23.01	J-4033
J-5006	500	3,261.26	503.01	3,264.27	20	21.14	J-5004
J-4460	500	3,262.04	503.61	3,265.65	20	8.6	J-2502
J-4072	500	3,271.08	503.61	3,274.69	20	2.25	J-8222
J-4225	500	3,271.51	503.61	3,275.12	20	23.73	J-4217
J-4071	500	3,275.70	503.61	3,279.31	20	2.25	J-8222
J-8254	500	3,278.77	504.8	3,283.57	20	25.95	J-1185
J-8277	500	3,294.58	500	3,294.58	20.02	10.87	J-7641
J-2119	500	3,294.91	503.59	3,298.50	38.08	0	J-2281
J-4077	500	3,298.24	503.61	3,301.85	20	2.25	J-8222
J-4029	500	3,300.45	503.61	3,304.06	20.01	23.74	J-4016
J-4399	500	3,303.18	503.61	3,306.79	20	15.65	J-4401
J-4398	500	3,304.91	503.61	3,308.52	20	17.97	J-4401
J-5051	500	3,305.14	503.01	3,308.15	24.04	0	J-166
J-4546	500	3,309.28	503.61	3,312.89	20.02	1.84	J-8222
J-2245	500	3,319.61	503.59	3,323.20	34.64	0	J-2281
J-1197	500	3,322.10	500	3,322.10	20	2.03	J-8222
J-4668	500	3,322.46	500	3,322.46	20	2.12	J-8222
J-4135	500	3,323.39	503.61	3,327.00	20	25.95	J-1185
J-5008	500	3,328.45	503.01	3,331.47	20	20.23	J-5004
J-4374	500	3,329.35	503.61	3,332.97	20	23.05	J-2502
J-8150	500	3,330.10	505.11	3,335.21	20	19.14	J-8152
J-4601	500	3,338.93	532	3,370.93	20	25.95	J-1185
J-2244	500	3,339.97	503.59	3,343.56	35.33	0	J-2281
J-4462	500	3,341.17	503.61	3,344.78	20	6.18	J-2502
J-3076	500	3,343.40	521.6	3,365.00	20	21.23	J-3078
J-7151	500	3,343.98	502.49	3,346.47	20	6.88	J-8307
J-1119	500	3,344.49	503.13	3,347.62	39.64	0	J-8222
J-7893	500	3,345.23	502.49	3,347.72	29.28	0	J-8222
J-4030	500	3,355.19	503.61	3,358.80	20.01	21.22	J-4016
J-8156	500	3,355.63	505.11	3,360.74	20	20.43	J-8158
J-1013	500	3,357.95	503.13	3,361.08	79.01	0	J-8222
J-711	500	3,359.11	503.13	3,362.24	20	2.12	J-8222
J-4302	500	3,360.38	503.61	3,363.99	20	20	J-4316
J-615	500	3,366.32	503.13	3,369.46	20	0.05	J-8222
J-967	500	3,369.08	503.13	3,372.21	20	11.35	J-968
J-7892	500	3,374.94	502.49	3,377.43	29.25	0	J-8222
J-4377	500	3,377.12	503.61	3,380.73	20	18.7	J-4378
J-1195	500	3,377.67	500	3,377.67	20	2.02	J-8222

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-5007	500	3,381.38	503.01	3,384.39	20	20.89	J-5006
J-2596	500	3,385.32	503.59	3,388.91	20	1.18	J-2281
J-5009	500	3,385.56	503.01	3,388.58	20	19.76	J-5004
J-4017	500	3,385.96	503.61	3,389.58	20.01	19.58	J-4018
J-8275	500	3,391.47	500	3,391.47	20	25.94	J-1185
J-4366	500	3,395.47	503.61	3,399.08	20	22.65	J-2502
J-2261	500	3,398.33	503.59	3,401.92	40.2	0	J-2281
J-95	500	3,398.43	503.13	3,401.56	20	20	J-96
J-4364	500	3,402.54	503.61	3,406.15	20	20.87	J-4365
J-4586	500	3,406.87	500	3,406.87	20	25.95	J-1185
J-4461	500	3,407.08	503.61	3,410.69	20	5.56	J-2502
J-4276	500	3,407.32	503.61	3,410.93	20	14.59	J-4278
J-3080	500	3,407.92	521.6	3,429.52	20	25.95	J-1185
J-709	500	3,408.76	503.13	3,411.90	20	2.12	J-8222
J-4296	500	3,408.87	503.61	3,412.48	20	17.4	J-4223
J-4395	500	3,408.96	503.61	3,412.57	20	20.8	J-4397
J-3009	500	3,408.97	502.67	3,411.64	34.94	0	J-3038
J-2382	500	3,413.25	503.59	3,416.84	48.76	0	J-2281
J-2498	500	3,416.57	503.59	3,420.16	20	1.91	J-8222
J-4207	500	3,416.92	503.61	3,420.53	20	23.55	J-2502
J-4020	500	3,420.20	503.61	3,423.81	20.01	19.29	J-4016
J-3077	500	3,420.40	521.6	3,442.00	20	22.81	J-3078
J-8153	500	3,421.96	505.11	3,427.07	20	18.27	J-8154
J-3079	500	3,428.94	521.6	3,450.54	20	21.97	J-3078
J-4493	500	3,429.16	503.61	3,432.77	20	15.28	J-2502
J-4283	500	3,435.71	503.61	3,439.32	20	19.24	J-4278
J-4311	500	3,438.11	503.61	3,441.72	20	22.19	J-2502
J-2383	500	3,438.75	503.59	3,442.34	41.55	0	J-2281
J-2384	500	3,438.75	503.59	3,442.34	22.27	0	J-2281
J-4306	500	3,439.37	503.61	3,442.98	20	22.18	J-2502
J-128	500	3,442.53	503.13	3,445.66	20	25.94	J-1185
J-2262	500	3,444.06	503.59	3,447.65	44.59	0	J-2281
J-8149	500	3,446.93	505.11	3,452.04	20	20.53	J-8152
J-8155	500	3,448.46	505.11	3,453.57	20	20.81	J-8154
J-2385	500	3,454.25	503.59	3,457.83	32.04	0	J-2281
J-2291	500	3,454.64	503.59	3,458.23	42.74	0	J-2282
J-8148	500	3,456.98	505.11	3,462.09	20	24.61	J-8149
J-4304	500	3,460.19	503.61	3,463.80	20	15.67	J-4303
J-3001	500	3,462.01	502.67	3,464.68	20	15.38	J-3038
J-5054	500	3,462.87	503.01	3,465.88	20	22.2	J-166
J-4362	500	3,463.46	503.61	3,467.07	20	22.33	J-2502
J-8151	500	3,469.74	505.11	3,474.85	20	19.03	J-8152
J-4361	500	3,479.29	503.61	3,482.90	20	22.17	J-2502
J-2386	500	3,486.24	503.59	3,489.83	33.19	0	J-2281
J-4253	500	3,486.57	503.61	3,490.18	20	19.64	J-4544
J-4073	500	3,486.68	503.61	3,490.29	20	2.24	J-8222
J-1043	500	3,488.03	503.13	3,491.16	33.95	0	J-8222
J-4205	500	3,494.83	503.61	3,498.44	20	13.01	J-4214
J-2121	500	3,495.26	503.59	3,498.85	63.08	0	J-2281
J-71	500	3,499.44	503.13	3,502.58	20	25.94	J-1185
J-8010	500	3,499.58	502.49	3,502.07	40.34	25.95	J-1185
J-1	500	3,500.00	503.13	3,503.13	63.17	25.95	J-1185
J-10	500	3,500.00	503.13	3,503.13	82.29	25.95	J-1185
J-101	500	3,500.00	503.13	3,503.13	70.08	25.94	J-1185
J-102	500	3,500.00	503.13	3,503.13	66.16	25.94	J-1185
J-1029	500	3,500.00	503.13	3,503.13	96.01	0.11	J-8222
J-1030	500	3,500.00	503.13	3,503.13	80.17	0.07	J-8222

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-1032	500	3,500.00	503.13	3,503.13	62.46	25.94	J-1185
J-1033	500	3,500.00	503.13	3,503.13	80.59	25.94	J-1185
J-1034	500	3,500.00	503.13	3,503.13	80.6	25.94	J-1185
J-1035	500	3,500.00	503.13	3,503.13	83.12	25.94	J-1185
J-1036	500	3,500.00	503.13	3,503.13	84.6	25.94	J-1185
J-1037	500	3,500.00	503.13	3,503.13	90.39	25.94	J-1185
J-1039	500	3,500.00	500	3,500.00	37.85	1.96	J-8222
J-1044	500	3,500.00	503.13	3,503.13	80.72	25.94	J-1185
J-1046	500	3,500.00	500	3,500.00	24.91	2.09	J-8222
J-1047	500	3,500.00	503.13	3,503.13	37.9	1.8	J-8222
J-1048	500	3,500.00	503.13	3,503.13	35.47	1.8	J-8222
J-105	500	3,500.00	503.13	3,503.13	40.49	25.94	J-1185
J-1058	500	3,500.00	503.13	3,503.13	25.94	1.71	J-8222
J-1059	500	3,500.00	503.13	3,503.13	26.59	1.74	J-8222
J-106	500	3,500.00	503.13	3,503.13	52.2	25.94	J-1185
J-1060	500	3,500.00	503.13	3,503.13	28.22	1.79	J-8222
J-1061	500	3,500.00	503.13	3,503.13	29.58	1.83	J-8222
J-1062	500	3,500.00	503.13	3,503.13	43.76	1.89	J-8222
J-1063	500	3,500.00	503.13	3,503.13	42.49	1.05	J-8222
J-107	500	3,500.00	503.13	3,503.13	58.15	25.94	J-1185
J-1078	500	3,500.00	503.13	3,503.13	100.59	0.35	J-8222
J-108	500	3,500.00	503.13	3,503.13	62.69	25.94	J-1185
J-1080	500	3,500.00	503.13	3,503.13	67.98	0.25	J-8222
J-1082	500	3,500.00	503.13	3,503.13	67.11	0.29	J-8222
J-1087	500	3,500.00	503.13	3,503.13	78.64	25.94	J-1185
J-1088	500	3,500.00	503.13	3,503.13	79.88	25.94	J-1185
J-1089	500	3,500.00	503.13	3,503.13	80.36	25.94	J-1185
J-109	500	3,500.00	503.13	3,503.13	52.86	25.94	J-1185
J-1090	500	3,500.00	503.13	3,503.13	76.75	25.95	J-1185
J-1091	500	3,500.00	503.13	3,503.13	27.03	25.95	J-1185
J-1096	500	3,500.00	503.13	3,503.13	65.88	25.95	J-1185
J-1098	500	3,500.00	503.13	3,503.13	35.78	25.95	J-1185
J-1099	500	3,500.00	503.13	3,503.13	79.64	25.94	J-1185
J-11	500	3,500.00	503.13	3,503.13	57.3	25.95	J-1185
J-110	500	3,500.00	503.13	3,503.13	49	25.94	J-1185
J-1101	500	3,500.00	503.13	3,503.13	84.7	25.94	J-1185
J-1102	500	3,500.00	503.13	3,503.13	75.75	25.94	J-1185
J-1103	500	3,500.00	503.13	3,503.13	66.25	25.94	J-1185
J-1104	500	3,500.00	503.13	3,503.13	30.18	1.9	J-8222
J-1105	500	3,500.00	503.13	3,503.13	69.96	25.94	J-1185
J-1106	500	3,500.00	503.13	3,503.13	65.47	25.94	J-1185
J-1107	500	3,500.00	503.13	3,503.13	21.07	1.9	J-8222
J-1108	500	3,500.00	503.13	3,503.13	68.85	25.94	J-1185
J-1109	500	3,500.00	503.13	3,503.13	20.39	25.94	J-1185
J-111	500	3,500.00	503.13	3,503.13	63.01	25.94	J-1185
J-1110	500	3,500.00	503.13	3,503.13	68.29	25.94	J-1185
J-1111	500	3,500.00	503.13	3,503.13	67.43	25.94	J-1185
J-1113	500	3,500.00	503.13	3,503.13	67.1	25.94	J-1185
J-1114	500	3,500.00	503.13	3,503.13	65.69	25.94	J-1185
J-1116	500	3,500.00	503.13	3,503.13	66.49	25.94	J-1185
J-1117	500	3,500.00	503.13	3,503.13	44.26	25.94	J-1185
J-112	500	3,500.00	503.13	3,503.13	59.42	25.94	J-1185
J-1120	500	3,500.00	503.13	3,503.13	102.1	25.94	J-1185
J-1121	500	3,500.00	503.13	3,503.13	101.82	25.94	J-1185
J-1122	500	3,500.00	503.13	3,503.13	31.9	25.94	J-1185
J-1125	500	3,500.00	503.13	3,503.13	105.11	25.94	J-1185
J-1126	500	3,500.00	503.13	3,503.13	102.28	25.94	J-1185

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-1128	500	3,500.00	503.13	3,503.13	69.4	25.94	J-1185
J-113	500	3,500.00	503.13	3,503.13	29.93	25.94	J-1185
J-1130	500	3,500.00	503.13	3,503.13	75.45	25.94	J-1185
J-1131	500	3,500.00	503.13	3,503.13	83.69	25.94	J-1185
J-1132	500	3,500.00	503.13	3,503.13	83.66	25.94	J-1185
J-1133	500	3,500.00	503.13	3,503.13	67.43	25.94	J-1185
J-1136	500	3,500.00	503.13	3,503.13	50.91	25.94	J-1185
J-1137	500	3,500.00	503.13	3,503.13	47.27	25.94	J-1185
J-114	500	3,500.00	503.13	3,503.13	48.37	25.94	J-1185
J-115	500	3,500.00	503.13	3,503.13	69.12	25.94	J-1185
J-116	500	3,500.00	503.13	3,503.13	26.69	25.94	J-1185
J-1162	500	3,500.00	555.87	3,555.87	100.51	0.18	J-8222
J-1165	500	3,500.00	541.32	3,541.32	91.99	25.95	J-1185
J-117	500	3,500.00	503.13	3,503.13	58.98	25.94	J-1185
J-1178	500	3,500.00	500	3,500.00	71.97	25.95	J-1185
J-1179	500	3,500.00	506.13	3,506.13	62.15	25.95	J-1185
J-118	500	3,500.00	503.13	3,503.13	65.71	25.94	J-1185
J-1180	500	3,500.00	506.13	3,506.13	59.61	25.95	J-1185
J-1181	500	3,500.00	506.13	3,506.13	34.57	25.95	J-1185
J-1182	500	3,500.00	506.13	3,506.13	22.14	19.98	J-1184
J-1185	500	3,500.00	500	3,500.00	25.7	28.13	J-3071
J-1186	500	3,500.00	500	3,500.00	25.77	2.28	J-8222
J-1187	500	3,500.00	500	3,500.00	30	25.7	J-1185
J-1188	500	3,500.00	500	3,500.00	81.72	25.94	J-1185
J-1189	500	3,500.00	500	3,500.00	29.97	25.7	J-1185
J-119	500	3,500.00	503.13	3,503.13	57.84	25.94	J-1185
J-1190	500	3,500.00	500	3,500.00	81.77	25.94	J-1185
J-1192	500	3,500.00	500	3,500.00	81.81	25.94	J-1185
J-1193	500	3,500.00	500	3,500.00	91.88	25.95	J-1185
J-1194	500	3,500.00	500	3,500.00	32.32	1.99	J-8222
J-1196	500	3,500.00	500	3,500.00	88.23	25.95	J-1185
J-1198	500	3,500.00	500	3,500.00	87.91	25.95	J-1185
J-12	500	3,500.00	503.13	3,503.13	77.37	25.95	J-1185
J-120	500	3,500.00	503.13	3,503.13	51.59	25.94	J-1185
J-1205	500	3,500.00	500	3,500.00	86.93	25.95	J-1185
J-1206	500	3,500.00	500	3,500.00	61.4	25.95	J-1185
J-1207	500	3,500.00	500	3,500.00	62.32	25.95	J-1185
J-1208	500	3,500.00	500	3,500.00	66.48	25.95	J-1185
J-1209	500	3,500.00	500	3,500.00	72.18	25.95	J-1185
J-121	500	3,500.00	503.13	3,503.13	50.37	25.94	J-1185
J-1210	500	3,500.00	500	3,500.00	73.24	25.95	J-1185
J-1211	500	3,500.00	500	3,500.00	92.97	25.95	J-1185
J-1212	500	3,500.00	500	3,500.00	91.16	25.95	J-1185
J-1214	500	3,500.00	500	3,500.00	84.36	25.95	J-1185
J-1215	500	3,500.00	500	3,500.00	68.4	25.95	J-1185
J-1218	500	3,500.00	500	3,500.00	58.6	25.94	J-1185
J-1219	500	3,500.00	500	3,500.00	76.13	25.94	J-1185
J-122	500	3,500.00	503.13	3,503.13	54.69	25.94	J-1185
J-1224	500	3,500.00	500	3,500.00	44.54	25.94	J-1185
J-123	500	3,500.00	503.13	3,503.13	42.14	25.94	J-1185
J-124	500	3,500.00	503.13	3,503.13	44.9	25.94	J-1185
J-1240	500	3,500.00	500	3,500.00	44.62	25.94	J-1185
J-1241	500	3,500.00	506.4	3,506.40	31.67	25.94	J-1185
J-1249	500	3,500.00	500	3,500.00	75.44	0.12	J-8222
J-125	500	3,500.00	503.13	3,503.13	59.25	25.94	J-1185
J-1250	500	3,500.00	500	3,500.00	54.92	0.12	J-8222
J-126	500	3,500.00	503.13	3,503.13	76.48	25.94	J-1185

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-127	500	3,500.00	503.13	3,503.13	67.38	25.94	J-1185
J-1289	500	3,500.00	500	3,500.00	33.86	0.55	J-8222
J-129	500	3,500.00	503.13	3,503.13	27.7	25.53	J-130
J-1290	500	3,500.00	500	3,500.00	66.2	0.15	J-8222
J-13	500	3,500.00	503.13	3,503.13	79.04	25.95	J-1185
J-131	500	3,500.00	520.66	3,520.66	81.28	25.94	J-1185
J-14	500	3,500.00	503.13	3,503.13	81.51	25.95	J-1185
J-15	500	3,500.00	503.13	3,503.13	76.42	25.95	J-1185
J-16	500	3,500.00	503.13	3,503.13	73.16	25.95	J-1185
J-17	500	3,500.00	503.13	3,503.13	81.56	25.94	J-1185
J-18	500	3,500.00	503.13	3,503.13	71.55	25.95	J-1185
J-19	500	3,500.00	503.13	3,503.13	87.94	25.94	J-1185
J-2	500	3,500.00	503.13	3,503.13	82.62	25.95	J-1185
J-20	500	3,500.00	503.13	3,503.13	95.49	25.94	J-1185
J-21	500	3,500.00	503.13	3,503.13	89.9	25.94	J-1185
J-2177	500	3,500.00	503.59	3,503.59	47.22	7.42	J-2184
J-2182	500	3,500.00	503.59	3,503.59	25.94	7.46	J-2184
J-2187	500	3,500.00	503.59	3,503.59	40.61	20.63	J-2184
J-2194	500	3,500.00	503.59	3,503.59	23.3	1.87	J-8222
J-22	500	3,500.00	503.13	3,503.13	85.93	25.94	J-1185
J-2253	500	3,500.00	503.59	3,503.59	63.17	0.36	J-2281
J-2254	500	3,500.00	503.59	3,503.59	61.97	0.15	J-2281
J-2255	500	3,500.00	503.59	3,503.59	25.94	0.15	J-2281
J-2259	500	3,500.00	503.59	3,503.59	61.91	0.1	J-2281
J-2269	500	3,500.00	503.59	3,503.59	65.96	0.96	J-2281
J-2270	500	3,500.00	503.59	3,503.59	70.59	1.61	J-2508
J-2271	500	3,500.00	503.59	3,503.59	73.51	1.98	J-2502
J-2272	500	3,500.00	503.59	3,503.59	71.38	1.94	J-2502
J-2273	500	3,500.00	503.59	3,503.59	73.58	1.9	J-2502
J-2274	500	3,500.00	503.59	3,503.59	76.6	1.62	J-2502
J-2275	500	3,500.00	503.59	3,503.59	69.26	1.26	J-2502
J-2276	500	3,500.00	503.59	3,503.59	63.28	1.95	J-2502
J-2277	500	3,500.00	503.59	3,503.59	62.9	2.15	J-2502
J-2278	500	3,500.00	503.59	3,503.59	65.97	2.34	J-2502
J-2279	500	3,500.00	503.59	3,503.59	64.72	2.54	J-2502
J-2280	500	3,500.00	503.59	3,503.59	63.92	2.78	J-2502
J-2299	500	3,500.00	503.59	3,503.59	23.93	1.98	J-2502
J-23	500	3,500.00	503.13	3,503.13	79.58	25.94	J-1185
J-2334	500	3,500.00	503.59	3,503.59	34.26	2.02	J-8222
J-2335	500	3,500.00	503.59	3,503.59	20.62	2.02	J-8222
J-2336	500	3,500.00	503.59	3,503.59	28.02	1.9	J-8222
J-2341	500	3,500.00	503.59	3,503.59	65.37	1.64	J-8222
J-2342	500	3,500.00	503.59	3,503.59	65.38	1.64	J-8222
J-2343	500	3,500.00	503.59	3,503.59	65.4	1.63	J-8222
J-2344	500	3,500.00	503.59	3,503.59	54.6	0.48	J-8222
J-2345	500	3,500.00	503.59	3,503.59	87.86	1.69	J-8222
J-2367	500	3,500.00	503.59	3,503.59	42.18	1.75	J-2502
J-2370	500	3,500.00	503.59	3,503.59	43.39	1.78	J-2502
J-2372	500	3,500.00	503.59	3,503.59	47.79	1.8	J-2502
J-2373	500	3,500.00	503.59	3,503.59	34.51	1.8	J-2502
J-2374	500	3,500.00	503.59	3,503.59	26.58	1.8	J-2502
J-2380	500	3,500.00	503.59	3,503.59	71.06	1.67	J-2508
J-2387	500	3,500.00	503.59	3,503.59	70.74	0.16	J-2281
J-2389	500	3,500.00	503.59	3,503.59	72.93	0.24	J-2281
J-24	500	3,500.00	503.13	3,503.13	72.47	25.94	J-1185
J-2400	500	3,500.00	503.59	3,503.59	65.18	0.39	J-2281
J-2402	500	3,500.00	503.59	3,503.59	59.59	0.46	J-2281



Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-2410	500	3,500.00	503.59	3,503.59	57.22	0.67	J-2281
J-2491	500	3,500.00	503.59	3,503.59	29.21	1.87	J-8222
J-2512	500	3,500.00	503.59	3,503.59	54.23	2.59	J-2281
J-2513	500	3,500.00	503.59	3,503.59	67.19	1.1	J-2281
J-2527	500	3,500.00	503.59	3,503.59	58.32	1.73	J-2281
J-2528	500	3,500.00	503.59	3,503.59	63.98	1.62	J-2281
J-2529	500	3,500.00	503.59	3,503.59	49.67	1.77	J-2281
J-2531	500	3,500.00	503.59	3,503.59	20.24	1.94	J-2281
J-2532	500	3,500.00	503.59	3,503.59	25.22	1.88	J-2281
J-2547	500	3,500.00	503.59	3,503.59	31.88	2.42	J-2281
J-2560	500	3,500.00	503.59	3,503.59	41.23	25.94	J-1185
J-2563	500	3,500.00	503.59	3,503.59	25.37	1.87	J-8222
J-2564	500	3,500.00	503.59	3,503.59	29.33	1.87	J-8222
J-2566	500	3,500.00	503.59	3,503.59	20.56	20.13	J-2567
J-2574	500	3,500.00	503.59	3,503.59	52.33	41.52	J-2578
J-2575	500	3,500.00	503.59	3,503.59	38.93	38.73	J-2578
J-2576	500	3,500.00	500	3,500.00	38.58	38.51	J-2578
J-2577	500	3,500.00	500	3,500.00	88.01	1.69	J-8222
J-2578	500	3,500.00	500	3,500.00	38.25	38.25	J-2582
J-2579	500	3,500.00	500	3,500.00	88	1.7	J-8222
J-2580	500	3,500.00	500	3,500.00	38.38	38.37	J-2578
J-2581	500	3,500.00	500	3,500.00	88.02	1.7	J-8222
J-2582	500	3,500.00	500	3,500.00	38.19	38.25	J-2578
J-2583	500	3,500.00	500	3,500.00	122.2	25.95	J-1185
J-2585	500	3,500.00	503.59	3,503.59	55.85	3.57	J-2281
J-2586	500	3,500.00	500	3,500.00	52.64	41.69	J-2578
J-2587	500	3,500.00	503.59	3,503.59	76.51	1.68	J-2502
J-2593	500	3,500.00	503.59	3,503.59	64.04	1.98	J-2281
J-2594	500	3,500.00	503.59	3,503.59	58.09	1.84	J-2281
J-2595	500	3,500.00	503.59	3,503.59	66.28	1.55	J-2281
J-26	500	3,500.00	503.13	3,503.13	79.47	25.94	J-1185
J-2622	500	3,500.00	552.19	3,552.19	58.65	0.56	J-2281
J-2623	500	3,500.00	576.85	3,576.84	58.49	0.59	J-2281
J-2624	500	3,500.00	566.79	3,566.79	32.87	1.99	J-8222
J-2628	500	3,500.00	500	3,500.00	90.72	25.95	J-1185
J-2659	500	3,500.00	500	3,500.00	41.84	0.3	J-2281
J-2672	500	3,500.00	500	3,500.00	88.01	25.95	J-1185
J-27	500	3,500.00	503.13	3,503.13	84.76	25.94	J-1185
J-28	500	3,500.00	503.13	3,503.13	88.68	25.94	J-1185
J-29	500	3,500.00	503.13	3,503.13	84.23	25.94	J-1185
J-3	500	3,500.00	503.13	3,503.13	57.8	25.95	J-1185
J-30	500	3,500.00	503.13	3,503.13	87.18	25.94	J-1185
J-3000	500	3,500.00	502.67	3,502.67	23.97	15.27	J-3038
J-3002	500	3,500.00	502.67	3,502.67	25.75	13.95	J-3038
J-3003	500	3,500.00	502.67	3,502.67	30.05	13.36	J-3038
J-3004	500	3,500.00	502.67	3,502.67	21.4	13.6	J-3038
J-3005	500	3,500.00	502.67	3,502.67	38.93	9.96	J-3038
J-3006	500	3,500.00	502.67	3,502.67	37.6	7.51	J-3038
J-3010	500	3,500.00	502.67	3,502.67	34.35	1.66	J-3038
J-3041	500	3,500.00	502.67	3,502.67	53.96	25.95	J-1185
J-3042	500	3,500.00	502.67	3,502.67	54.28	25.95	J-1185
J-3043	500	3,500.00	502.67	3,502.67	60.79	25.95	J-1185
J-3045	500	3,500.00	502.67	3,502.67	55.14	25.95	J-1185
J-3046	500	3,500.00	500	3,500.00	28.47	25.95	J-1185
J-3047	500	3,500.00	502.67	3,502.67	55.77	25.95	J-1185
J-3048	500	3,500.00	502.67	3,502.67	53.87	25.95	J-1185
J-3049	500	3,500.00	502.67	3,502.67	42.81	25.95	J-1185

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-3050	500	3,500.00	502.67	3,502.67	52.42	25.95	J-1185
J-3052	500	3,500.00	502.67	3,502.67	22.7	7.02	J-3038
J-3053	500	3,500.00	1,333.00	4,333.00	62.75	25.95	J-1185
J-3054	500	3,500.00	530.91	3,530.91	65.74	25.95	J-1185
J-3055	500	3,500.00	500	3,500.00	66.49	25.95	J-1185
J-3072	500	3,500.00	500	3,500.00	32.59	25.95	J-1185
J-3073	500	3,500.00	521.6	3,521.60	48.33	25.95	J-1185
J-3074	500	3,500.00	521.6	3,521.60	26.02	25.95	J-1185
J-3075	500	3,500.00	521.6	3,521.60	20.81	20.71	J-3078
J-3081	500	3,500.00	521.6	3,521.60	29.64	25.95	J-1185
J-3082	500	3,500.00	500	3,500.00	59.18	25.95	J-1185
J-31	500	3,500.00	503.13	3,503.13	52.68	25.95	J-1185
J-33	500	3,500.00	503.13	3,503.13	69.18	25.95	J-1185
J-34	500	3,500.00	503.13	3,503.13	84.58	25.94	J-1185
J-36	500	3,500.00	503.13	3,503.13	80.6	25.94	J-1185
J-37	500	3,500.00	503.13	3,503.13	108.49	25.94	J-1185
J-38	500	3,500.00	503.13	3,503.13	105.04	25.94	J-1185
J-39	500	3,500.00	503.13	3,503.13	103.39	25.94	J-1185
J-4	500	3,500.00	503.13	3,503.13	49.24	25.95	J-1185
J-40	500	3,500.00	503.13	3,503.13	78.29	25.94	J-1185
J-4019	500	3,500.00	503.61	3,503.61	20.39	18.36	J-4016
J-4022	500	3,500.00	503.61	3,503.61	25.49	21.09	J-4016
J-4023	500	3,500.00	503.61	3,503.61	63.66	25.95	J-1185
J-4025	500	3,500.00	503.61	3,503.61	83.01	25.95	J-1185
J-4026	500	3,500.00	503.61	3,503.61	72.17	25.95	J-1185
J-4028	500	3,500.00	503.61	3,503.61	25.34	20.1	J-4016
J-4035	500	3,500.00	503.61	3,503.61	32.95	17.06	J-4007
J-4049	500	3,500.00	503.61	3,503.61	27.04	2.3	J-8222
J-4055	500	3,500.00	500	3,500.00	23.31	2.31	J-8222
J-4061	500	3,500.00	503.61	3,503.61	33.8	2.26	J-8222
J-4062	500	3,500.00	503.61	3,503.61	57.07	2.24	J-8222
J-4063	500	3,500.00	503.61	3,503.61	35.99	2.24	J-8222
J-4064	500	3,500.00	503.61	3,503.61	23.04	2.22	J-8222
J-407	500	3,500.00	503.13	3,503.13	65.36	25.94	J-1185
J-4076	500	3,500.00	503.61	3,503.61	23.63	2.25	J-8222
J-408	500	3,500.00	503.13	3,503.13	89.93	25.95	J-1185
J-4082	500	3,500.00	503.61	3,503.61	26.68	2.25	J-8222
J-4083	500	3,500.00	503.61	3,503.61	51.47	2.25	J-8222
J-4084	500	3,500.00	503.61	3,503.61	64.5	2.25	J-8222
J-4085	500	3,500.00	503.61	3,503.61	59.16	2.25	J-8222
J-4086	500	3,500.00	503.61	3,503.61	60.67	2.25	J-8222
J-4087	500	3,500.00	503.61	3,503.61	32.71	2.25	J-8222
J-4089	500	3,500.00	503.61	3,503.61	25.29	2.25	J-8222
J-409	500	3,500.00	503.13	3,503.13	72.19	25.95	J-1185
J-4091	500	3,500.00	503.61	3,503.61	31.59	2.25	J-8222
J-4092	500	3,500.00	503.61	3,503.61	77.44	2.24	J-8222
J-4094	500	3,500.00	503.61	3,503.61	37.89	2.22	J-8222
J-4095	500	3,500.00	503.61	3,503.61	43.67	2.2	J-8222
J-4096	500	3,500.00	503.61	3,503.61	20.33	2.2	J-8222
J-41	500	3,500.00	503.13	3,503.13	76.7	25.94	J-1185
J-410	500	3,500.00	503.13	3,503.13	80.65	25.95	J-1185
J-4101	500	3,500.00	503.61	3,503.61	38.29	2.21	J-8222
J-4102	500	3,500.00	503.61	3,503.61	38.06	2.21	J-8222
J-4106	500	3,500.00	503.61	3,503.61	37.89	2.22	J-8222
J-4108	500	3,500.00	503.61	3,503.61	36.81	2.21	J-8222
J-411	500	3,500.00	503.13	3,503.13	67.72	25.95	J-1185
J-4112	500	3,500.00	503.61	3,503.61	74.87	25.95	J-1185

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-4113	500	3,500.00	503.61	3,503.61	22.51	25.95	J-1185
J-4114	500	3,500.00	503.61	3,503.61	74.91	25.95	J-1185
J-4116	500	3,500.00	503.61	3,503.61	70.89	25.95	J-1185
J-4117	500	3,500.00	503.61	3,503.61	60.61	25.95	J-1185
J-412	500	3,500.00	503.13	3,503.13	69.83	25.95	J-1185
J-4120	500	3,500.00	503.61	3,503.61	77.08	25.95	J-1185
J-4121	500	3,500.00	503.61	3,503.61	58.8	25.95	J-1185
J-4122	500	3,500.00	503.61	3,503.61	57.24	25.95	J-1185
J-4124	500	3,500.00	503.61	3,503.61	71.43	25.95	J-1185
J-4128	500	3,500.00	503.61	3,503.61	36.31	25.95	J-1185
J-4129	500	3,500.00	503.61	3,503.61	49.89	25.95	J-1185
J-413	500	3,500.00	503.13	3,503.13	55.78	25.95	J-1185
J-4130	500	3,500.00	503.61	3,503.61	50.82	25.95	J-1185
J-4131	500	3,500.00	503.61	3,503.61	61.4	25.95	J-1185
J-4132	500	3,500.00	503.61	3,503.61	69.78	25.95	J-1185
J-4133	500	3,500.00	503.61	3,503.61	29	25.95	J-1185
J-4134	500	3,500.00	503.61	3,503.61	73.88	25.95	J-1185
J-4137	500	3,500.00	503.61	3,503.61	58.8	25.95	J-1185
J-4138	500	3,500.00	503.61	3,503.61	78.32	25.95	J-1185
J-4139	500	3,500.00	503.61	3,503.61	74.14	25.95	J-1185
J-4149	500	3,500.00	503.61	3,503.61	75.47	25.95	J-1185
J-4150	500	3,500.00	503.61	3,503.61	79.81	25.95	J-1185
J-4151	500	3,500.00	503.61	3,503.61	62.63	25.95	J-1185
J-4152	500	3,500.00	503.61	3,503.61	33.77	2.24	J-8222
J-4175	500	3,500.00	503.61	3,503.61	27.35	2.24	J-8222
J-4186	500	3,500.00	503.61	3,503.61	102.72	1.98	J-8222
J-4187	500	3,500.00	503.61	3,503.61	93.3	1.9	J-8222
J-4188	500	3,500.00	503.61	3,503.61	93.2	1.88	J-8222
J-4189	500	3,500.00	503.61	3,503.61	92.67	1.86	J-8222
J-4190	500	3,500.00	503.61	3,503.61	92.08	1.86	J-8222
J-4191	500	3,500.00	503.61	3,503.61	88.29	1.86	J-8222
J-4192	500	3,500.00	503.61	3,503.61	53.95	23.41	J-2502
J-4193	500	3,500.00	503.61	3,503.61	75.32	1.86	J-8222
J-4194	500	3,500.00	503.61	3,503.61	83.76	1.86	J-8222
J-4195	500	3,500.00	503.61	3,503.61	80.17	1.87	J-8222
J-4196	500	3,500.00	503.61	3,503.61	81.81	1.86	J-8222
J-4197	500	3,500.00	503.61	3,503.61	57.41	1.87	J-8222
J-4198	500	3,500.00	503.61	3,503.61	35.44	1.87	J-8222
J-4199	500	3,500.00	500	3,500.00	107.11	1.99	J-8222
J-42	500	3,500.00	503.13	3,503.13	81.65	25.94	J-1185
J-4200	500	3,500.00	503.61	3,503.61	102.8	1.98	J-8222
J-4201	500	3,500.00	503.61	3,503.61	103.28	2.09	J-8222
J-4202	500	3,500.00	503.61	3,503.61	102.88	2.01	J-8222
J-4203	500	3,500.00	503.61	3,503.61	87.92	23.6	J-2502
J-4206	500	3,500.00	503.61	3,503.61	48.72	23.41	J-2502
J-4208	500	3,500.00	503.61	3,503.61	31.53	19.74	J-4214
J-4213	500	3,500.00	503.61	3,503.61	87.96	23.56	J-2502
J-4218	500	3,500.00	503.61	3,503.61	23.22	2.45	J-4219
J-4220	500	3,500.00	503.61	3,503.61	48.35	23.4	J-2502
J-4221	500	3,500.00	503.61	3,503.61	23.36	8.91	J-4214
J-4233	500	3,500.00	503.61	3,503.61	53.46	22.84	J-2502
J-4236	500	3,500.00	503.61	3,503.61	41.26	13.01	J-4238
J-4241	500	3,500.00	503.61	3,503.61	40.23	18.11	J-4264
J-4261	500	3,500.00	503.61	3,503.61	39.45	18.27	J-4264
J-4262	500	3,500.00	503.61	3,503.61	34.82	22.63	J-2502
J-4263	500	3,500.00	503.61	3,503.61	38.85	17.21	J-4264
J-4267	500	3,500.00	503.61	3,503.61	20.11	16.84	J-4544

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-4272	500	3,500.00	503.61	3,503.61	36.88	21.52	J-4264
J-4274	500	3,500.00	503.61	3,503.61	45.45	20.84	J-4264
J-4280	500	3,500.00	503.61	3,503.61	41.71	18.23	J-4264
J-4281	500	3,500.00	503.61	3,503.61	55.97	22.16	J-4264
J-4282	500	3,500.00	503.61	3,503.61	57.38	23.46	J-2502
J-4284	500	3,500.00	503.61	3,503.61	42.94	21.39	J-4264
J-4285	500	3,500.00	503.61	3,503.61	20.64	20.8	J-4264
J-4286	500	3,500.00	503.61	3,503.61	49.93	21.67	J-4264
J-4291	500	3,500.00	503.61	3,503.61	52.14	21.54	J-4264
J-4293	500	3,500.00	503.61	3,503.61	57.75	22.09	J-4264
J-4294	500	3,500.00	503.61	3,503.61	70.7	21.89	J-2502
J-4295	500	3,500.00	503.61	3,503.61	67.97	22.12	J-2502
J-4297	500	3,500.00	503.61	3,503.61	29.17	22.51	J-2502
J-43	500	3,500.00	503.13	3,503.13	80.55	25.94	J-1185
J-4301	500	3,500.00	503.61	3,503.61	60.87	22.34	J-2502
J-4319	500	3,500.00	503.61	3,503.61	65.96	22.52	J-2502
J-4330	500	3,500.00	503.61	3,503.61	57.01	17.92	J-2502
J-4332	500	3,500.00	503.61	3,503.61	70.01	21.26	J-2502
J-4333	500	3,500.00	503.61	3,503.61	71.62	21.02	J-2502
J-4334	500	3,500.00	503.61	3,503.61	69.46	20.7	J-2502
J-4335	500	3,500.00	503.61	3,503.61	68.98	20.46	J-2502
J-4336	500	3,500.00	503.61	3,503.61	68.2	18.25	J-2502
J-4337	500	3,500.00	503.61	3,503.61	66.19	17.05	J-2502
J-4338	500	3,500.00	503.61	3,503.61	67.42	16.99	J-2502
J-4339	500	3,500.00	503.61	3,503.61	67.03	16.97	J-2502
J-4340	500	3,500.00	503.61	3,503.61	39.41	21.52	J-2502
J-4341	500	3,500.00	503.61	3,503.61	31.93	21.68	J-2502
J-4343	500	3,500.00	503.61	3,503.61	35.89	21.83	J-2502
J-4345	500	3,500.00	503.61	3,503.61	68.65	22.13	J-2502
J-4346	500	3,500.00	503.61	3,503.61	27.56	21.42	J-2502
J-4348	500	3,500.00	503.61	3,503.61	29.21	19.81	J-2502
J-4349	500	3,500.00	503.61	3,503.61	25.3	19.06	J-2502
J-4350	500	3,500.00	503.61	3,503.61	65.43	21.94	J-2502
J-4356	500	3,500.00	503.61	3,503.61	20.65	20.43	J-2502
J-4357	500	3,500.00	503.61	3,503.61	50.42	19.15	J-2502
J-4375	500	3,500.00	503.61	3,503.61	28.85	23.21	J-2502
J-4376	500	3,500.00	503.61	3,503.61	36.72	23.28	J-2502
J-4382	500	3,500.00	503.61	3,503.61	25.49	22.23	J-2502
J-4383	500	3,500.00	503.61	3,503.61	54.42	23.89	J-2502
J-4384	500	3,500.00	503.61	3,503.61	41.19	23.89	J-2502
J-4385	500	3,500.00	503.61	3,503.61	50.04	24.21	J-2502
J-4386	500	3,500.00	503.61	3,503.61	20.54	16.21	J-4387
J-4388	500	3,500.00	503.61	3,503.61	24.73	23.28	J-4387
J-44	500	3,500.00	503.13	3,503.13	83.76	25.94	J-1185
J-4402	500	3,500.00	503.61	3,503.61	31.58	23.3	J-2502
J-4403	500	3,500.00	503.61	3,503.61	32.83	23.43	J-2502
J-4409	500	3,500.00	503.61	3,503.61	60.97	22.95	J-2502
J-4410	500	3,500.00	503.61	3,503.61	60.32	22.61	J-2502
J-4411	500	3,500.00	503.61	3,503.61	48.87	22.56	J-2502
J-4412	500	3,500.00	503.61	3,503.61	40.43	22.15	J-2502
J-4413	500	3,500.00	503.61	3,503.61	53.72	21.75	J-2502
J-4414	500	3,500.00	503.61	3,503.61	42.63	21.79	J-2502
J-4415	500	3,500.00	503.61	3,503.61	35.12	21.8	J-2502
J-4418	500	3,500.00	503.61	3,503.61	32.71	21.81	J-2502
J-4419	500	3,500.00	503.61	3,503.61	21.95	21.8	J-2502
J-4420	500	3,500.00	503.61	3,503.61	34.64	21.7	J-2502
J-4421	500	3,500.00	503.61	3,503.61	45.68	21.66	J-2502

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-4427	500	3,500.00	503.61	3,503.61	66.22	21.87	J-2502
J-4428	500	3,500.00	503.61	3,503.61	68.27	21.4	J-2502
J-4429	500	3,500.00	503.61	3,503.61	42.02	19.88	J-2502
J-4430	500	3,500.00	503.61	3,503.61	67.19	20.91	J-2502
J-4439	500	3,500.00	503.61	3,503.61	67.54	20.83	J-2502
J-4440	500	3,500.00	503.61	3,503.61	67.86	20.78	J-2502
J-4441	500	3,500.00	503.61	3,503.61	42.79	20.4	J-2502
J-4452	500	3,500.00	503.61	3,503.61	28.53	15.59	J-2502
J-4453	500	3,500.00	503.61	3,503.61	29.75	15.59	J-2502
J-4455	500	3,500.00	503.61	3,503.61	22.3	15.89	J-2502
J-4458	500	3,500.00	503.61	3,503.61	33.67	15.58	J-2502
J-4459	500	3,500.00	503.61	3,503.61	41.62	15.59	J-2502
J-4463	500	3,500.00	503.61	3,503.61	66.18	3.11	J-2502
J-4464	500	3,500.00	503.61	3,503.61	62.95	11.09	J-2502
J-4468	500	3,500.00	503.61	3,503.61	37.95	15.63	J-2502
J-4469	500	3,500.00	503.61	3,503.61	45.78	15.32	J-2502
J-4470	500	3,500.00	503.61	3,503.61	50.04	15.33	J-2502
J-4475	500	3,500.00	503.61	3,503.61	56.2	15.73	J-2502
J-4476	500	3,500.00	503.61	3,503.61	54.66	15.51	J-2502
J-4477	500	3,500.00	503.61	3,503.61	51.07	15.35	J-2502
J-4478	500	3,500.00	503.61	3,503.61	43.45	16.18	J-2502
J-4482	500	3,500.00	503.61	3,503.61	63.3	16.1	J-2502
J-4483	500	3,500.00	503.61	3,503.61	66.33	15.94	J-2502
J-4484	500	3,500.00	503.61	3,503.61	63.4	15.36	J-2502
J-4485	500	3,500.00	503.61	3,503.61	65.67	15.07	J-2502
J-4486	500	3,500.00	503.61	3,503.61	62.18	15.05	J-2502
J-4487	500	3,500.00	503.61	3,503.61	63.4	14.89	J-2502
J-4488	500	3,500.00	503.61	3,503.61	59.21	14.78	J-2502
J-4489	500	3,500.00	503.61	3,503.61	68.63	14.77	J-2502
J-4490	500	3,500.00	503.61	3,503.61	60.15	15.13	J-2502
J-4491	500	3,500.00	503.61	3,503.61	42.17	15.75	J-2502
J-4492	500	3,500.00	503.61	3,503.61	42.18	16.18	J-2502
J-4498	500	3,500.00	503.61	3,503.61	31.88	10.57	J-2502
J-4499	500	3,500.00	503.61	3,503.61	66.82	11.65	J-2502
J-45	500	3,500.00	503.13	3,503.13	66	25.94	J-1185
J-4506	500	3,500.00	503.61	3,503.61	24.89	12.73	J-2502
J-4507	500	3,500.00	503.61	3,503.61	70.08	12.03	J-2502
J-4512	500	3,500.00	503.61	3,503.61	61.56	12.98	J-2502
J-4513	500	3,500.00	503.61	3,503.61	62.35	13.89	J-2502
J-4514	500	3,500.00	503.61	3,503.61	34.77	14.3	J-2502
J-4517	500	3,500.00	503.61	3,503.61	67.66	12.73	J-2502
J-4518	500	3,500.00	503.61	3,503.61	69.34	12.34	J-2502
J-4521	500	3,500.00	503.61	3,503.61	54.57	12.34	J-2502
J-4528	500	3,500.00	503.61	3,503.61	60.78	14.52	J-2502
J-4529	500	3,500.00	503.61	3,503.61	65.04	14.43	J-2502
J-4530	500	3,500.00	503.61	3,503.61	26.32	14.52	J-2502
J-4532	500	3,500.00	503.61	3,503.61	32.64	15.16	J-2502
J-4533	500	3,500.00	503.61	3,503.61	64.61	16.13	J-2502
J-4534	500	3,500.00	503.61	3,503.61	67.22	16.53	J-2502
J-4539	500	3,500.00	503.61	3,503.61	68.86	16.84	J-2502
J-4540	500	3,500.00	503.61	3,503.61	65.33	15.91	J-2502
J-4545	500	3,500.00	503.61	3,503.61	79.77	25.95	J-1185
J-4547	500	3,500.00	503.61	3,503.61	40.28	24.55	J-2502
J-4550	500	3,500.00	503.61	3,503.61	36.43	13.42	J-2502
J-4551	500	3,500.00	503.61	3,503.61	52.1	12.75	J-2502
J-4552	500	3,500.00	503.61	3,503.61	32.59	13.01	J-2502
J-4553	500	3,500.00	503.61	3,503.61	67.25	14.88	J-2502

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-4554	500	3,500.00	503.61	3,503.61	61.72	15.16	J-2502
J-4555	500	3,500.00	503.61	3,503.61	61.47	18.68	J-2502
J-4556	500	3,500.00	503.61	3,503.61	50.12	19.3	J-2502
J-4557	500	3,500.00	503.61	3,503.61	72.28	19.35	J-2502
J-4558	500	3,500.00	503.61	3,503.61	67.9	21.55	J-2502
J-4560	500	3,500.00	503.61	3,503.61	31.94	2.08	J-8222
J-4561	500	3,500.00	503.61	3,503.61	28.82	2.06	J-8222
J-4562	500	3,500.00	503.61	3,503.61	31.14	2.05	J-8222
J-4563	500	3,500.00	503.61	3,503.61	21.94	2.05	J-8222
J-4564	500	3,500.00	503.61	3,503.61	33.93	2.05	J-8222
J-4568	500	3,500.00	503.61	3,503.61	20.42	2.22	J-8222
J-4569	500	3,500.00	503.61	3,503.61	32.05	2.25	J-8222
J-4573	500	3,500.00	503.61	3,503.61	43.55	2.2	J-8222
J-4575	500	3,500.00	503.61	3,503.61	102.81	2.15	J-8222
J-4576	500	3,500.00	503.61	3,503.61	103.96	2.14	J-8222
J-4577	500	3,500.00	503.61	3,503.61	97.31	2.15	J-8222
J-4578	500	3,500.00	503.61	3,503.61	93.6	1.94	J-8222
J-4579	500	3,500.00	503.61	3,503.61	64.02	18.38	J-2502
J-4580	500	3,500.00	503.61	3,503.61	68.35	18.52	J-2502
J-4581	500	3,500.00	515.63	3,515.63	52.66	2.19	J-8222
J-4582	500	3,500.00	566.24	3,566.24	33.41	2.06	J-8222
J-4583	500	3,500.00	527.15	3,527.15	40.45	24.43	J-2502
J-4584	500	3,500.00	788.2	3,788.20	53.79	17.92	J-2502
J-4585	500	3,500.00	503.61	3,503.61	51.35	25.95	J-1185
J-4587	500	3,500.00	500	3,500.00	56.84	2.23	J-8222
J-4588	500	3,500.00	502.85	3,502.85	25.65	2.23	J-8222
J-4598	500	3,500.00	500	3,500.00	74.18	25.95	J-1185
J-4599	500	3,500.00	500	3,500.00	84.57	25.95	J-1185
J-46	500	3,500.00	503.13	3,503.13	83.02	25.94	J-1185
J-4600	500	3,500.00	500	3,500.00	68.53	25.95	J-1185
J-4602	500	3,500.00	538	3,538.00	83.33	25.95	J-1185
J-4603	500	3,500.00	500	3,500.00	74.03	25.95	J-1185
J-4604	500	3,500.00	500	3,500.00	69.49	25.95	J-1185
J-4606	500	3,500.00	500	3,500.00	79.22	25.95	J-1185
J-4607	500	3,500.00	500	3,500.00	59.65	25.95	J-1185
J-4608	500	3,500.00	500	3,500.00	64.95	25.95	J-1185
J-4609	500	3,500.00	500	3,500.00	64.74	25.95	J-1185
J-4610	500	3,500.00	500	3,500.00	64.28	25.95	J-1185
J-4611	500	3,500.00	500	3,500.00	62.96	25.95	J-1185
J-4612	500	3,500.00	500	3,500.00	63.81	25.95	J-1185
J-4613	500	3,500.00	500	3,500.00	33.68	25.95	J-1185
J-4620	500	3,500.00	500	3,500.00	61.8	25.95	J-1185
J-4621	500	3,500.00	500	3,500.00	64.37	25.95	J-1185
J-4623	500	3,500.00	500	3,500.00	25.41	2.11	J-8222
J-4643	500	3,500.00	503.61	3,503.61	21.35	15.05	J-2502
J-4645	500	3,500.00	502.13	3,502.13	72.3	25.95	J-1185
J-4646	500	3,500.00	502.13	3,502.13	54.25	25.95	J-1185
J-4653	500	3,500.00	503.61	3,503.61	60.44	25.95	J-1185
J-4661	500	3,500.00	503.61	3,503.61	34.78	2.25	J-8222
J-4667	500	3,500.00	500	3,500.00	25.27	2.1	J-8222
J-4682	500	3,500.00	527.2	3,527.20	69.08	25.95	J-1185
J-47	500	3,500.00	503.13	3,503.13	58.77	25.94	J-1185
J-48	500	3,500.00	503.13	3,503.13	62.29	25.94	J-1185
J-49	500	3,500.00	503.13	3,503.13	66.32	25.95	J-1185
J-5	500	3,500.00	503.13	3,503.13	66.06	25.95	J-1185
J-50	500	3,500.00	503.13	3,503.13	79.37	25.95	J-1185
J-5011	500	3,500.00	503.01	3,503.01	25.28	20.74	J-5004

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-5012	500	3,500.00	503.01	3,503.01	24.36	20.97	J-5004
J-5013	500	3,500.00	503.01	3,503.01	41.76	29.32	J-5004
J-5014	500	3,500.00	503.01	3,503.01	35.62	25.92	J-5004
J-5015	500	3,500.00	503.01	3,503.01	24.56	22.51	J-5004
J-5016	500	3,500.00	503.01	3,503.01	37.34	29.79	J-5004
J-5017	500	3,500.00	503.01	3,503.01	58.05	37.71	J-5004
J-5018	500	3,500.00	503.01	3,503.01	51.12	36.15	J-5004
J-5019	500	3,500.00	503.01	3,503.01	46.44	35.44	J-5004
J-5039	500	3,500.00	503.01	3,503.01	58.24	40.95	J-166
J-5041	500	3,500.00	503.01	3,503.01	68.05	40.95	J-166
J-5042	500	3,500.00	503.01	3,503.01	31.49	21.53	J-5126
J-5046	500	3,500.00	503.01	3,503.01	51.15	29.38	J-166
J-5047	500	3,500.00	503.01	3,503.01	37.78	29.38	J-166
J-5048	500	3,500.00	503.01	3,503.01	47.27	25.54	J-166
J-5049	500	3,500.00	503.01	3,503.01	29.48	25.54	J-166
J-5050	500	3,500.00	503.01	3,503.01	39.82	17.73	J-166
J-5052	500	3,500.00	503.01	3,503.01	46.04	21.75	J-166
J-5053	500	3,500.00	503.01	3,503.01	31.08	21.75	J-166
J-5055	500	3,500.00	503.01	3,503.01	21.3	16.54	J-5056
J-51	500	3,500.00	503.13	3,503.13	96.56	25.95	J-1185
J-5125	500	3,500.00	503.01	3,503.01	70.6	43.45	J-166
J-5133	500	3,500.00	503.01	3,503.01	22.68	21.52	J-5004
J-52	500	3,500.00	503.13	3,503.13	92.65	25.95	J-1185
J-54	500	3,500.00	503.13	3,503.13	87.88	25.95	J-1185
J-55	500	3,500.00	503.13	3,503.13	87.71	25.95	J-1185
J-56	500	3,500.00	503.13	3,503.13	87.86	25.95	J-1185
J-57	500	3,500.00	503.13	3,503.13	72.46	25.95	J-1185
J-58	500	3,500.00	503.13	3,503.13	86.06	25.95	J-1185
J-59	500	3,500.00	503.13	3,503.13	83	25.95	J-1185
J-6	500	3,500.00	503.13	3,503.13	67.12	25.95	J-1185
J-60	500	3,500.00	503.13	3,503.13	79.36	25.95	J-1185
J-6055	500	3,500.00	500	3,500.00	22.48	2.34	J-8222
J-6060	500	3,500.00	500	3,500.00	22.02	2.32	J-8222
J-6061	500	3,500.00	500	3,500.00	22.02	2.32	J-8222
J-6062	500	3,500.00	500	3,500.00	22.01	2.32	J-8222
J-6063	500	3,500.00	500	3,500.00	22.01	2.32	J-8222
J-6082	500	3,500.00	500	3,500.00	22.01	2.32	J-8222
J-617	500	3,500.00	503.13	3,503.13	33.85	0.21	J-8222
J-619	500	3,500.00	503.13	3,503.13	30.99	0.96	J-8222
J-62	500	3,500.00	503.13	3,503.13	77.27	25.94	J-1185
J-623	500	3,500.00	503.13	3,503.13	37.79	1.65	J-8222
J-624	500	3,500.00	500	3,500.00	37.9	2.09	J-8222
J-625	500	3,500.00	500	3,500.00	36.42	2.02	J-8222
J-626	500	3,500.00	503.13	3,503.13	35.63	1.51	J-8222
J-627	500	3,500.00	503.13	3,503.13	35.64	1.46	J-8222
J-628	500	3,500.00	503.13	3,503.13	22.68	1.25	J-8222
J-63	500	3,500.00	503.13	3,503.13	72.31	25.94	J-1185
J-64	500	3,500.00	503.13	3,503.13	78.01	25.94	J-1185
J-66	500	3,500.00	503.13	3,503.13	80.64	25.94	J-1185
J-67	500	3,500.00	503.13	3,503.13	72.91	25.94	J-1185
J-68	500	3,500.00	503.13	3,503.13	72.14	25.94	J-1185
J-680	500	3,500.00	503.13	3,503.13	104.71	0.21	J-8222
J-681	500	3,500.00	503.13	3,503.13	104.81	0.21	J-8222
J-683	500	3,500.00	503.13	3,503.13	100.85	0.34	J-8222
J-684	500	3,500.00	503.13	3,503.13	71.43	0.33	J-8222
J-685	500	3,500.00	503.13	3,503.13	99.82	0.35	J-8222
J-686	500	3,500.00	503.13	3,503.13	78.82	0.48	J-8222

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-687	500	3,500.00	503.13	3,503.13	78.33	0.52	J-8222
J-688	500	3,500.00	503.13	3,503.13	70.62	0.55	J-8222
J-689	500	3,500.00	503.13	3,503.13	62.52	0.61	J-8222
J-69	500	3,500.00	503.13	3,503.13	78.13	25.94	J-1185
J-690	500	3,500.00	503.13	3,503.13	62.78	0.52	J-8222
J-691	500	3,500.00	503.13	3,503.13	48.46	0.52	J-8222
J-692	500	3,500.00	503.13	3,503.13	58.66	0.52	J-8222
J-693	500	3,500.00	503.13	3,503.13	72.73	0.51	J-8222
J-694	500	3,500.00	503.13	3,503.13	44.92	0.52	J-8222
J-696	500	3,500.00	503.13	3,503.13	27.21	0.52	J-8222
J-698	500	3,500.00	503.13	3,503.13	50.48	0.61	J-8222
J-699	500	3,500.00	503.13	3,503.13	53.91	0.5	J-8222
J-7	500	3,500.00	503.13	3,503.13	65.79	25.95	J-1185
J-70	500	3,500.00	503.13	3,503.13	51.33	25.94	J-1185
J-700	500	3,500.00	503.13	3,503.13	52.07	0.57	J-8222
J-701	500	3,500.00	503.13	3,503.13	44.28	0.72	J-8222
J-702	500	3,500.00	503.13	3,503.13	61.57	0.67	J-8222
J-703	500	3,500.00	503.13	3,503.13	43.93	0.79	J-8222
J-704	500	3,500.00	503.13	3,503.13	46.57	1.96	J-8222
J-705	500	3,500.00	500	3,500.00	48	2.1	J-8222
J-706	500	3,500.00	500	3,500.00	48.85	2.18	J-8222
J-707	500	3,500.00	503.13	3,503.13	46.23	2.1	J-8222
J-708	500	3,500.00	503.13	3,503.13	35.56	2.1	J-8222
J-710	500	3,500.00	503.13	3,503.13	47.87	2.1	J-8222
J-712	500	3,500.00	503.13	3,503.13	48.01	2.1	J-8222
J-7124	500	3,500.00	502.49	3,502.49	30.66	2.97	J-7102
J-7125	500	3,500.00	502.49	3,502.49	42.38	11.98	J-7102
J-7126	500	3,500.00	502.49	3,502.49	43.11	20.92	J-7102
J-7127	500	3,500.00	502.49	3,502.49	45.14	28.88	J-7102
J-7128	500	3,500.00	502.49	3,502.49	45.14	31.09	J-3038
J-7129	500	3,500.00	502.49	3,502.49	51.55	34.59	J-3038
J-713	500	3,500.00	503.13	3,503.13	62.61	2.1	J-8222
J-7142	500	3,500.00	500	3,500.00	32.99	6.85	J-8307
J-7143	500	3,500.00	502.49	3,502.49	35.61	6.85	J-8307
J-7144	500	3,500.00	502.49	3,502.49	35.85	6.85	J-8307
J-7145	500	3,500.00	502.49	3,502.49	82.02	6.85	J-8307
J-7146	500	3,500.00	502.49	3,502.49	80.32	6.85	J-8307
J-7148	500	3,500.00	502.49	3,502.49	84.54	6.85	J-8307
J-7149	500	3,500.00	502.49	3,502.49	90.38	6.85	J-8307
J-7150	500	3,500.00	502.49	3,502.49	44.74	6.85	J-8307
J-7152	500	3,500.00	502.49	3,502.49	43.47	6.85	J-8307
J-7153	500	3,500.00	502.49	3,502.49	43.51	6.85	J-8307
J-7154	500	3,500.00	502.49	3,502.49	29.25	5.94	J-7158
J-7155	500	3,500.00	502.49	3,502.49	67.56	6.85	J-8307
J-7178	500	3,500.00	502.49	3,502.49	67.56	6.85	J-8307
J-7179	500	3,500.00	502.49	3,502.49	22.97	0.92	J-7158
J-719	500	3,500.00	503.13	3,503.13	22.97	0.66	J-8058
J-721	500	3,500.00	503.13	3,503.13	44.71	0.66	J-8058
J-722	500	3,500.00	503.13	3,503.13	62.45	6.85	J-8307
J-733	500	3,500.00	503.13	3,503.13	62.45	6.85	J-8307
J-7373	500	3,500.00	502.49	3,502.49	37.42	1.79	J-8222
J-7388	500	3,500.00	502.49	3,502.49	35.34	1.79	J-8222
J-740	500	3,500.00	503.13	3,503.13	25.72	1.74	J-8222
J-741	500	3,500.00	503.13	3,503.13	25.72	1.74	J-8222
J-742	500	3,500.00	503.13	3,503.13	50.42	0.63	J-8222
J-750	500	3,500.00	503.13	3,503.13	61.14	25.95	J-1185
J-751	500	3,500.00	503.13	3,503.13	29.39	0.03	J-8222
J-751	500	3,500.00	503.13	3,503.13	31.18	0.5	J-8222
J-751	500	3,500.00	503.13	3,503.13	30.56	0.46	J-8222
J-751	500	3,500.00	503.13	3,503.13	40.28	0.43	J-8222
J-751	500	3,500.00	503.13	3,503.13	54.72	0.45	J-8222
J-751	500	3,500.00	503.13	3,503.13	68.95	0.36	J-8222



Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-752	500	3,500.00	503.13	3,503.13	82.76	0.3	J-8222
J-760	500	3,500.00	503.13	3,503.13	92.6	0.29	J-8222
J-763	500	3,500.00	503.13	3,503.13	105.12	0.21	J-8222
J-766	500	3,500.00	503.13	3,503.13	98.24	0.27	J-8222
J-767	500	3,500.00	503.13	3,503.13	101.88	0.2	J-8222
J-768	500	3,500.00	503.13	3,503.13	102.03	0.2	J-8222
J-769	500	3,500.00	503.13	3,503.13	100.44	0.19	J-8222
J-7784	500	3,500.00	502.49	3,502.49	24.02	0	J-8222
J-784	500	3,500.00	503.13	3,503.13	68.02	0.24	J-8222
J-785	500	3,500.00	503.13	3,503.13	65.01	0.31	J-8222
J-7866	500	3,500.00	502.49	3,502.49	24.85	1.21	J-8222
J-7867	500	3,500.00	502.49	3,502.49	27.98	0.93	J-8222
J-7868	500	3,500.00	502.49	3,502.49	22.86	0.69	J-8222
J-787	500	3,500.00	503.13	3,503.13	41.8	0.39	J-8222
J-7870	500	3,500.00	502.49	3,502.49	31.75	0.16	J-8222
J-7879	500	3,500.00	502.49	3,502.49	31.82	0.06	J-8222
J-7879	500	3,500.00	502.49	3,502.49	94.83	25.94	J-1185
J-7972	500	3,500.00	502.49	3,502.49	92.56	25.94	J-1185
J-7973	500	3,500.00	502.49	3,502.49	49.31	25.94	J-1185
J-7974	500	3,500.00	502.49	3,502.49	23.64	25.94	J-1185
J-7975	500	3,500.00	502.49	3,502.49	90.29	25.94	J-1185
J-7976	500	3,500.00	502.49	3,502.49	95.92	25.94	J-1185
J-7977	500	3,500.00	502.49	3,502.49	86.72	25.94	J-1185
J-7978	500	3,500.00	502.49	3,502.49	80.81	25.94	J-1185
J-7979	500	3,500.00	503.13	3,503.13	62.82	0.19	J-8222
J-798	500	3,500.00	502.49	3,502.49	89.89	25.94	J-1185
J-7980	500	3,500.00	502.49	3,502.49	87.94	25.94	J-1185
J-7986	500	3,500.00	502.49	3,502.49	88.61	25.94	J-1185
J-7987	500	3,500.00	502.49	3,502.49	88.29	25.94	J-1185
J-7988	500	3,500.00	502.49	3,502.49	81.41	25.94	J-1185
J-7989	500	3,500.00	502.49	3,502.49	81.83	25.94	J-1185
J-7990	500	3,500.00	502.49	3,502.49	83.75	25.94	J-1185
J-7991	500	3,500.00	502.49	3,502.49	87.78	25.94	J-1185
J-7992	500	3,500.00	502.49	3,502.49	54.41	25.94	J-1185
J-7993	500	3,500.00	502.49	3,502.49	27.56	25.94	J-1185
J-7994	500	3,500.00	502.49	3,502.49	82.43	25.94	J-1185
J-7996	500	3,500.00	502.49	3,502.49	81.69	25.94	J-1185
J-7997	500	3,500.00	502.49	3,502.49	43.23	25.95	J-1185
J-7998	500	3,500.00	502.49	3,502.49	34.07	25.95	J-1185
J-7999	500	3,500.00	502.49	3,502.49	73.54	25.95	J-1185
J-8	500	3,500.00	503.13	3,503.13	63.77	25.95	J-1185
J-8001	500	3,500.00	502.49	3,502.49	63.93	25.95	J-1185
J-8002	500	3,500.00	502.49	3,502.49	65.34	25.95	J-1185
J-8003	500	3,500.00	502.49	3,502.49	28.13	25.95	J-1185
J-8004	500	3,500.00	502.49	3,502.49	62.78	25.95	J-1185
J-8005	500	3,500.00	502.49	3,502.49	34.73	25.95	J-1185
J-8006	500	3,500.00	502.49	3,502.49	27.78	25.95	J-1185
J-8007	500	3,500.00	502.49	3,502.49	36.1	25.95	J-1185
J-8009	500	3,500.00	502.49	3,502.49	65.47	25.95	J-1185
J-8012	500	3,500.00	502.49	3,502.49	64.94	25.95	J-1185
J-8013	500	3,500.00	502.49	3,502.49	101.04	25.95	J-1185
J-8014	500	3,500.00	502.49	3,502.49	97.54	25.95	J-1185
J-8015	500	3,500.00	502.49	3,502.49	100.97	25.95	J-1185
J-8016	500	3,500.00	502.49	3,502.49	106.38	25.95	J-1185
J-8017	500	3,500.00	502.49	3,502.49	106.56	25.95	J-1185
J-8018	500	3,500.00	502.49	3,502.49	104.53	25.95	J-1185
J-8019	500	3,500.00	502.49	3,502.49	66.41	0.13	J-8222
J-802	500	3,500.00	503.13	3,503.13			

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-8020	500	3,500.00	502.49	3,502.49	103.49	25.95	J-1185
J-8021	500	3,500.00	502.49	3,502.49	95.17	25.95	J-1185
J-8022	500	3,500.00	502.49	3,502.49	98.28	25.95	J-1185
J-8023	500	3,500.00	502.49	3,502.49	93.35	25.95	J-1185
J-8024	500	3,500.00	502.49	3,502.49	91.51	25.95	J-1185
J-8025	500	3,500.00	502.49	3,502.49	90.07	25.95	J-1185
J-8026	500	3,500.00	502.49	3,502.49	87.46	25.95	J-1185
J-8027	500	3,500.00	502.49	3,502.49	39.83	25.95	J-1185
J-803	500	3,500.00	503.13	3,503.13	66.74	0.09	J-8222
J-8037	500	3,500.00	500	3,500.00	103.52	25.95	J-1185
J-8039	500	3,500.00	500	3,500.00	103.52	25.95	J-1185
J-8041	500	3,500.00	500	3,500.00	103.46	25.95	J-1185
J-8043	500	3,500.00	500	3,500.00	103.03	25.95	J-1185
J-805	500	3,500.00	503.13	3,503.13	71.55	0.05	J-8222
J-8054	500	3,500.00	502.49	3,502.49	28.75	19.57	J-3038
J-8055	500	3,500.00	502.49	3,502.49	52.4	25.95	J-1185
J-8056	500	3,500.00	502.49	3,502.49	65.86	35.48	J-3038
J-8057	500	3,500.00	502.49	3,502.49	69.48	25.95	J-1185
J-8061	500	3,500.00	502.49	3,502.49	63.65	6.85	J-8307
J-8062	500	3,500.00	502.49	3,502.49	44.69	1.39	J-8058
J-8063	500	3,500.00	502.49	3,502.49	51.29	6.85	J-8307
J-8064	500	3,500.00	502.49	3,502.49	23.7	6.85	J-8307
J-808	500	3,500.00	503.13	3,503.13	72.16	0	J-8222
J-8089	500	3,500.00	502.49	3,502.49	26.88	25.95	J-1185
J-8090	500	3,500.00	502.49	3,502.49	49.26	25.94	J-1185
J-8091	500	3,500.00	502.49	3,502.49	81.42	25.94	J-1185
J-8092	500	3,500.00	502.49	3,502.49	87.42	25.94	J-1185
J-811	500	3,500.00	503.13	3,503.13	100.54	0.17	J-8222
J-8139	500	3,500.00	502.49	3,502.49	46.59	30.15	J-3038
J-8145	500	3,500.00	500	3,500.00	63.31	25.95	J-1185
J-8146	500	3,500.00	505.11	3,505.11	42.32	25.95	J-1185
J-8147	500	3,500.00	505.11	3,505.11	26.06	25.95	J-1185
J-8162	500	3,500.00	500	3,500.00	61.75	25.95	J-1185
J-8163	500	3,500.00	500	3,500.00	38.7	25.95	J-1185
J-8170	500	3,500.00	500	3,500.00	66.96	25.95	J-1185
J-8171	500	3,500.00	500	3,500.00	73.51	25.95	J-1185
J-8172	500	3,500.00	503.99	3,503.99	68.25	25.95	J-1185
J-8173	500	3,500.00	510.9	3,510.90	66.49	25.95	J-1185
J-8174	500	3,500.00	504.79	3,504.79	67.35	25.95	J-1185
J-8175	500	3,500.00	500	3,500.00	61.61	25.95	J-1185
J-8176	500	3,500.00	500	3,500.00	62.41	25.95	J-1185
J-8177	500	3,500.00	505.34	3,505.34	71.48	25.95	J-1185
J-8178	500	3,500.00	505.34	3,505.34	61.71	25.95	J-1185
J-8179	500	3,500.00	505.34	3,505.34	37.1	25.95	J-1185
J-8180	500	3,500.00	505.34	3,505.34	54.66	25.95	J-1185
J-8181	500	3,500.00	505.34	3,505.34	37.08	25.95	J-1185
J-8182	500	3,500.00	505.34	3,505.34	67.98	25.95	J-1185
J-8183	500	3,500.00	505.34	3,505.34	53.92	25.95	J-1185
J-8184	500	3,500.00	505.34	3,505.34	64.94	25.95	J-1185
J-8185	500	3,500.00	505.34	3,505.34	43.85	25.95	J-1185
J-8186	500	3,500.00	505.34	3,505.34	63.48	25.95	J-1185
J-8187	500	3,500.00	505.34	3,505.34	42.39	25.95	J-1185
J-8188	500	3,500.00	505.34	3,505.34	62.59	25.95	J-1185
J-8189	500	3,500.00	505.34	3,505.34	59.51	25.95	J-1185
J-8190	500	3,500.00	505.34	3,505.34	41.93	25.95	J-1185
J-8191	500	3,500.00	505.34	3,505.34	58.51	25.95	J-1185
J-8192	500	3,500.00	505.34	3,505.34	44.45	25.95	J-1185

Kent County Water Authority  
Available Fire Flows  
Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-8193	500	3,500.00	505.34	3,505.34	57.79	25.95	J-1185
J-8194	500	3,500.00	505.34	3,505.34	43.02	25.95	J-1185
J-8195	500	3,500.00	505.34	3,505.34	61.11	25.95	J-1185
J-8196	500	3,500.00	505.34	3,505.34	60.6	25.95	J-1185
J-8197	500	3,500.00	505.34	3,505.34	39.5	25.95	J-1185
J-8198	500	3,500.00	505.34	3,505.34	63.03	25.95	J-1185
J-8199	500	3,500.00	505.34	3,505.34	63.1	25.95	J-1185
J-8200	500	3,500.00	505.34	3,505.34	61.8	25.95	J-1185
J-8201	500	3,500.00	505.34	3,505.34	62.93	25.95	J-1185
J-8202	500	3,500.00	505.34	3,505.34	36.65	25.95	J-1185
J-8203	500	3,500.00	505.34	3,505.34	64.4	25.95	J-1185
J-8204	500	3,500.00	505.34	3,505.34	58.75	25.95	J-1185
J-8205	500	3,500.00	505.34	3,505.34	51.72	25.95	J-1185
J-8206	500	3,500.00	505.34	3,505.34	53.83	25.95	J-1185
J-8207	500	3,500.00	505.34	3,505.34	67.92	25.95	J-1185
J-8208	500	3,500.00	505.34	3,505.34	75.91	25.95	J-1185
J-8209	500	3,500.00	505.34	3,505.34	50.45	25.95	J-1185
J-8210	500	3,500.00	505.34	3,505.34	60.21	25.95	J-1185
J-8211	500	3,500.00	505.34	3,505.34	78.53	25.95	J-1185
J-8212	500	3,500.00	500	3,500.00	69.02	25.95	J-1185
J-8213	500	3,500.00	500	3,500.00	63.48	25.95	J-1185
J-8214	500	3,500.00	500	3,500.00	61	25.95	J-1185
J-8215	500	3,500.00	515.45	3,515.45	50.64	25.95	J-1185
J-8216	500	3,500.00	500	3,500.00	64.07	25.95	J-1185
J-8267	500	3,500.00	500	3,500.00	63.67	25.95	J-1185
J-8268	500	3,500.00	500.26	3,500.26	48.66	25.95	J-1185
J-8269	500	3,500.00	501.04	3,501.04	45.58	25.95	J-1185
J-8270	500	3,500.00	500.59	3,500.59	36.73	25.95	J-1185
J-8271	500	3,500.00	500.66	3,500.66	23.14	25.95	J-1185
J-8273	500	3,500.00	500	3,500.00	78.69	25.94	J-1185
J-8274	500	3,500.00	500	3,500.00	63.99	25.94	J-1185
J-8279	500	3,500.00	500	3,500.00	35.01	5.81	J-7102
J-8304	500	3,500.00	500	3,500.00	33.49	5.81	J-7102
J-8308	500	3,500.00	500	3,500.00	89.7	6.85	J-8307
J-89	500	3,500.00	503.13	3,503.13	70.14	25.94	J-1185
J-9	500	3,500.00	503.13	3,503.13	75.56	25.95	J-1185
J-90	500	3,500.00	503.13	3,503.13	66.27	25.94	J-1185
J-91	500	3,500.00	503.13	3,503.13	72.75	25.94	J-1185
J-92	500	3,500.00	503.13	3,503.13	65.58	25.94	J-1185
J-93	500	3,500.00	503.13	3,503.13	72.66	25.94	J-1185
J-94	500	3,500.00	503.13	3,503.13	30.77	25.94	J-1185
J-940	500	3,500.00	503.13	3,503.13	86.81	25.94	J-1185
J-941	500	3,500.00	503.13	3,503.13	65.52	25.94	J-1185
J-942	500	3,500.00	503.13	3,503.13	51.48	25.94	J-1185
J-943	500	3,500.00	503.13	3,503.13	59.85	25.94	J-1185
J-944	500	3,500.00	503.13	3,503.13	29.83	17.28	J-945
J-947	500	3,500.00	503.13	3,503.13	70.44	25.94	J-1185
J-948	500	3,500.00	503.13	3,503.13	73.39	25.94	J-1185
J-949	500	3,500.00	503.13	3,503.13	65.88	25.94	J-1185
J-950	500	3,500.00	503.13	3,503.13	63.96	25.94	J-1185
J-951	500	3,500.00	503.13	3,503.13	65.26	25.94	J-1185
J-97	500	3,500.00	503.13	3,503.13	61.66	25.94	J-1185
J-972	500	3,500.00	503.13	3,503.13	64.95	25.94	J-1185
J-973	500	3,500.00	503.13	3,503.13	60.86	25.94	J-1185
J-974	500	3,500.00	503.13	3,503.13	77.65	25.94	J-1185
J-975	500	3,500.00	503.13	3,503.13	80.45	25.94	J-1185
J-976	500	3,500.00	503.13	3,503.13	82.51	25.94	J-1185

Kent County Water Authority  
 Available Fire Flows  
 Above 1,000 GPM

Label	Needed Fire Flow (gpm)	Available Fire Flow (gpm)	Total Flow Needed (gpm)	Total Flow Available (gpm)	Calculated Residual Pressure (psi)	Calculated Minimum Zone Pressure (psi)	Minimum Zone Junction
J-977	500	3,500.00	503.13	3,503.13	47.75	25.94	J-1185
J-98	500	3,500.00	503.13	3,503.13	52.63	25.94	J-1185
J-980	500	3,500.00	503.13	3,503.13	20.46	1.79	J-8222
J-981	500	3,500.00	503.13	3,503.13	20.8	1.88	J-8222
J-982	500	3,500.00	500	3,500.00	25.23	2.09	J-8222
J-99	500	3,500.00	503.13	3,503.13	77.04	25.94	J-1185
J-996	500	3,500.00	503.13	3,503.13	95.95	0.12	J-8222

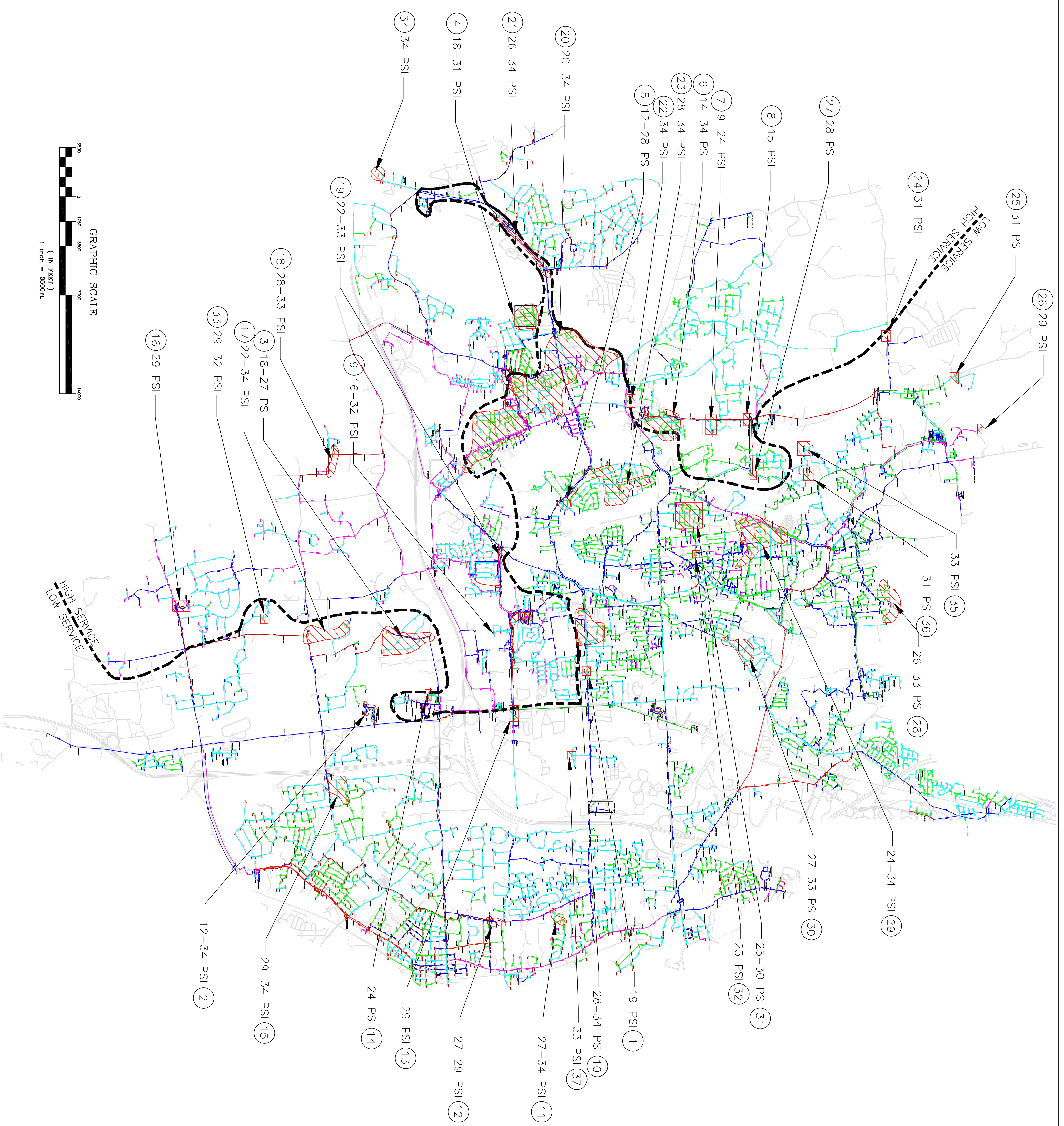
**Attachment No. 1**

**KCWA Service Area Low Pressure Locations**



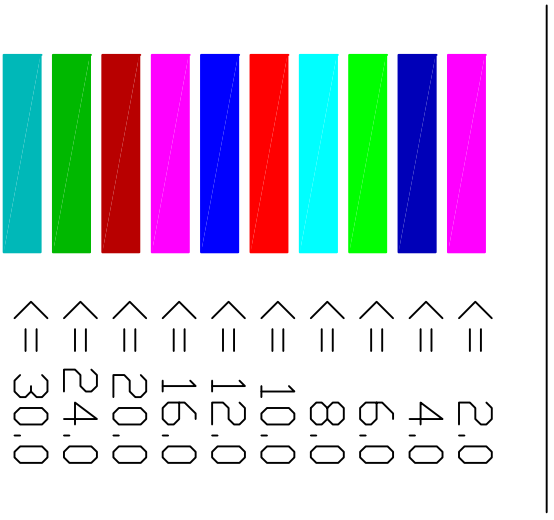
# KCWA SERVICE AREA LOW PRESSURE LOCATIONS

FUTURE AVERAGE DAY DEMAND  
— STEADY STATE SIMULATION



## LEGEND

Color Coding Legend  
Link: Diameter (in)

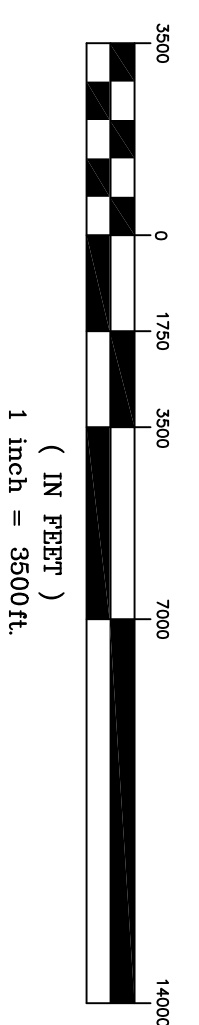


 AREAS BELOW 35 PSI WITH 1 PS PUMP RUNNING AT CLINTON AVE.

KCWA WATER DISTRICT SYSTEM MAP

JULY 2007 J0512  
SHEET 1 OF 1

GRAPHIC SCALE

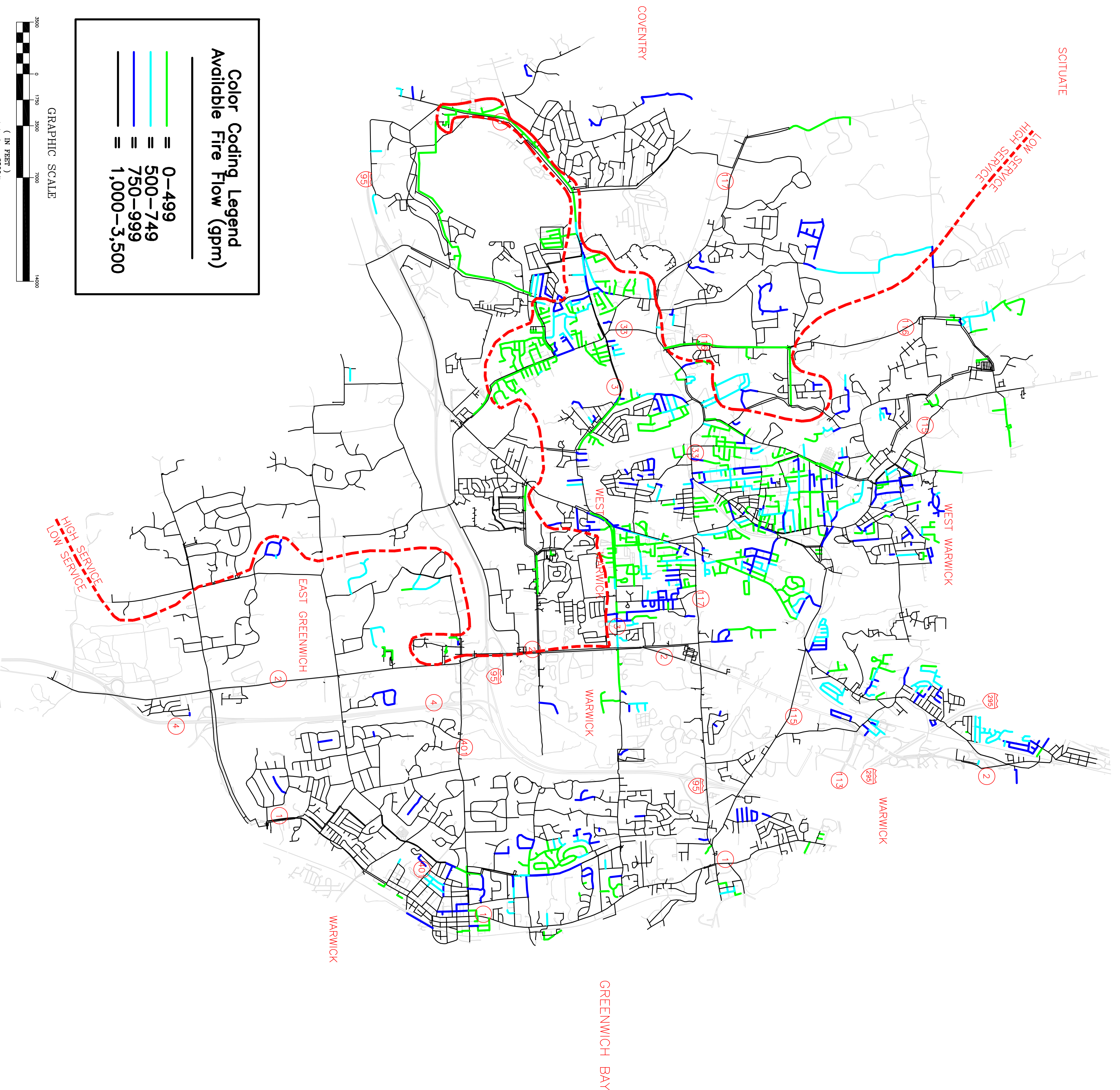




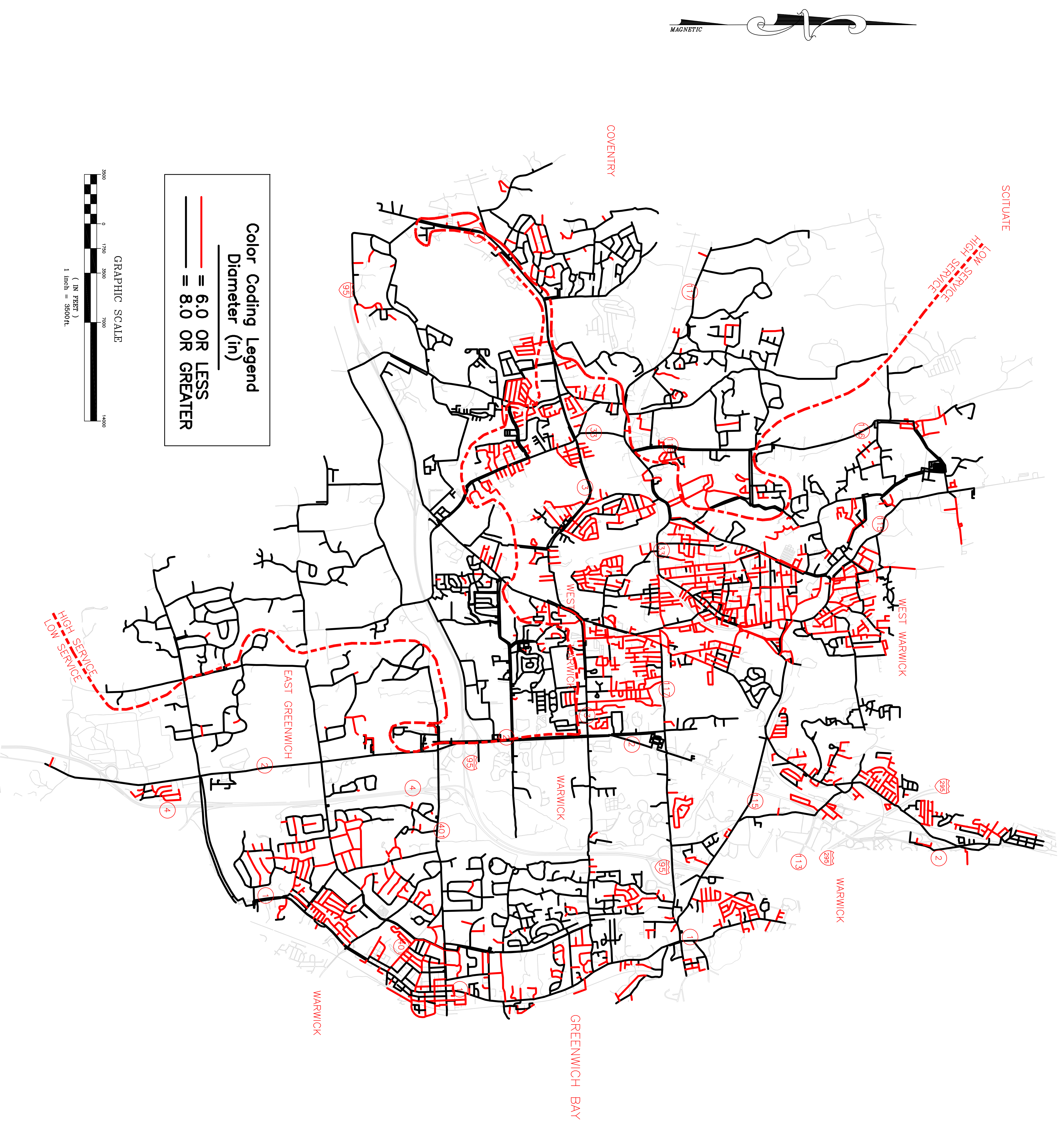
**Attachment No. 2**  
**Available Fire Flow and Pipe Diameter**



# KCWA WATER DISTRIBUTION SYSTEM MAP FUTURE 20 YEAR AVAILABLE FIRE FLOW AND PIPE DIAMETER



AVAILABLE FIRE FLOW RATES  
 MAXIMUM DAY DEMAND SCENARIO



EXISTING WATER MAINS  
 6 INCH DIAMETER AND SMALLER



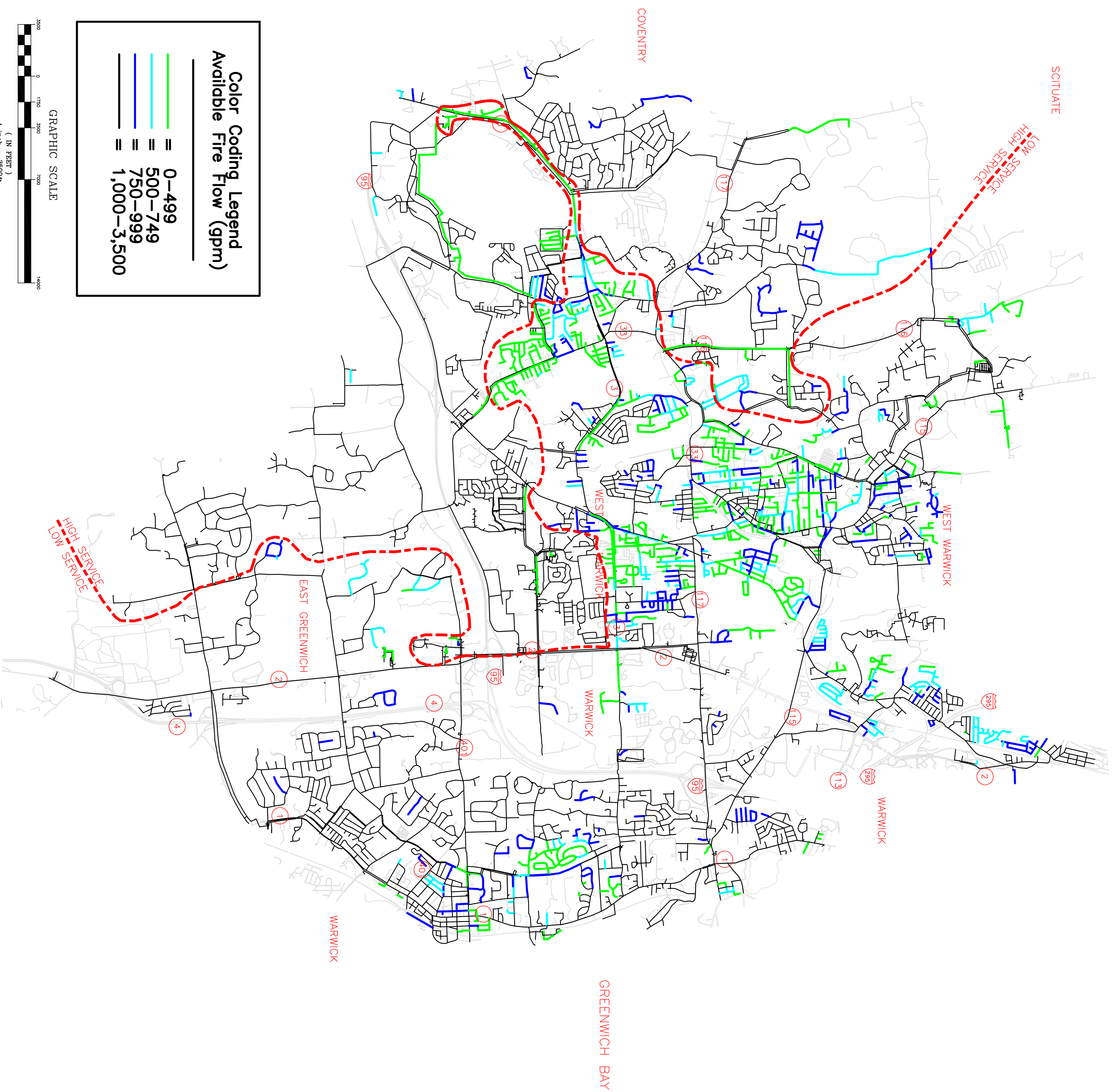
**Attachment No. 3**

**Available Fire Flow and Serviceable Elevation Contours**



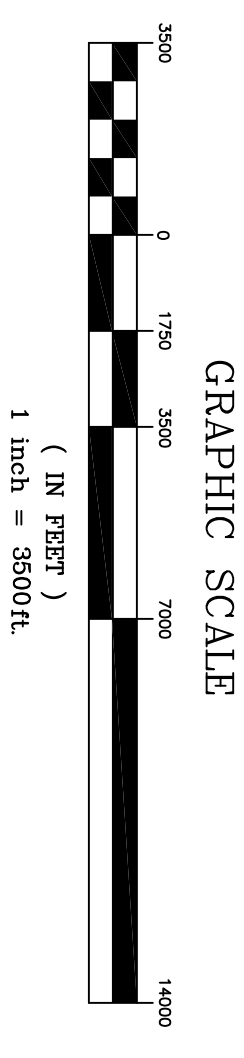
# KCWA WATER DISTRIBUTION SYSTEM MAP

## FUTURE 20 YEAR AVAILABLE FIRE FLOW AND SERVICEABLE ELEVATION CONTOURS

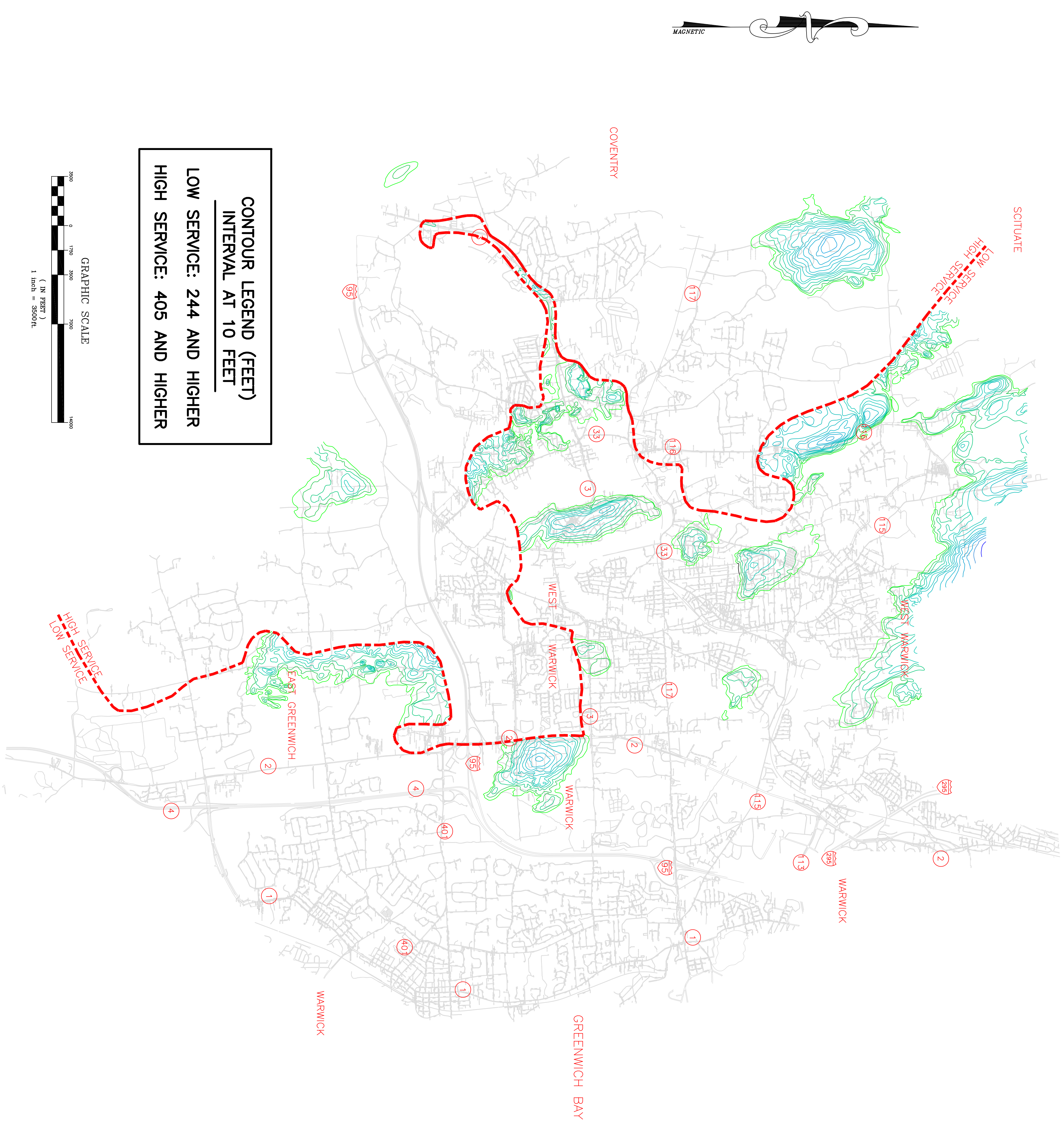


**Color Coding Legend**  
Available Fire Flow (gpm)

Green line	=	0-499
Blue line	=	500-749
Red line	=	750-999
Red dashed line	=	1,000-3,500

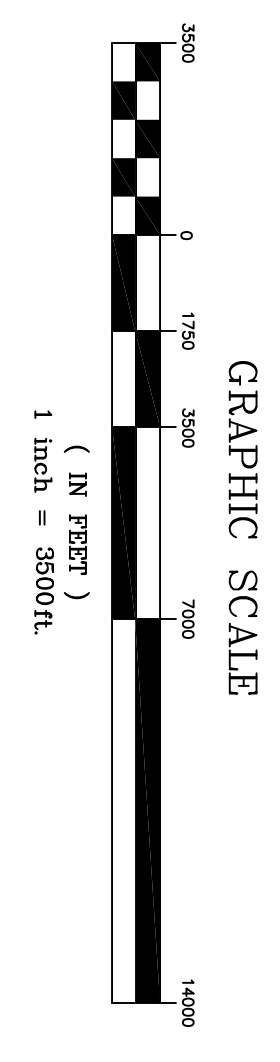


**AVAILABLE FIRE FLOW RATES**  
**MAXIMUM DAY DEMAND SCENARIO**



**CONTOUR LEGEND (FEET)**  
INTERVAL AT 10 FEET

Green contour	LOW SERVICE: 244 AND HIGHER
Red contour	HIGH SERVICE: 405 AND HIGHER



**SERVICEABLE ELEVATION CONTOURS**