

Appendix 2

2025 Water Flowrates in Ottawa's Municipal Water Systems

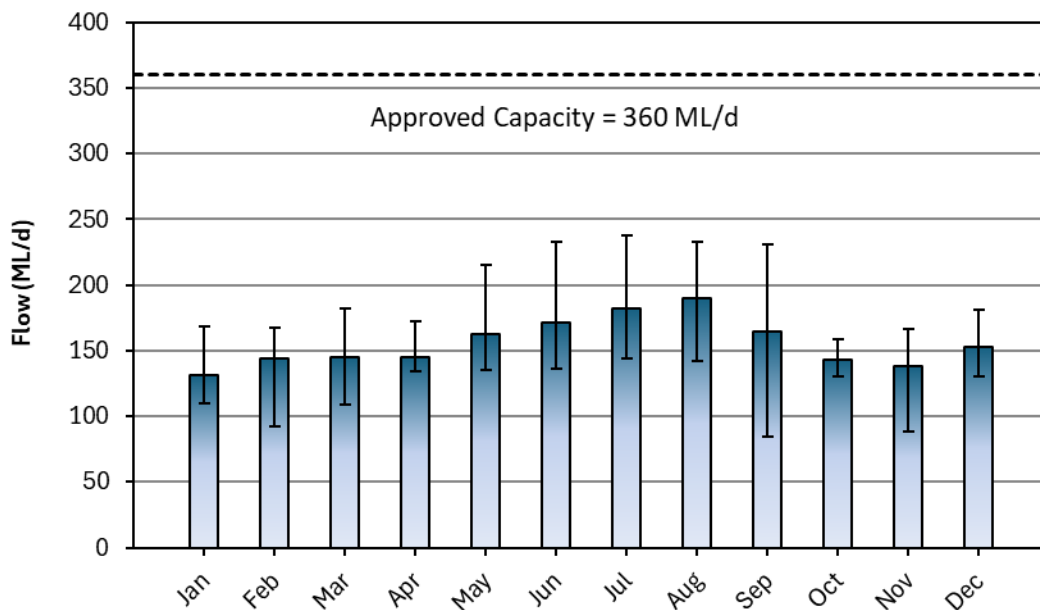
This supporting document reports on the amount of water supplied during the period of January 1 to December 31, 2025. The flowrates are shown in the tables and graphs that follow for each of the eight municipal water systems. Average, minimum, and maximum daily flows (by month) are shown in comparison to the rated capacity for each water system. Seasonal water use patterns can be seen in the graphs, with higher usage typically occurring during summer months.

Britannia WPP – Annual Water Flow Rates for 2025

The Britannia Water Purification Plant treated and distributed an average of 155.9 Million Liters per day (ML/d), which represents 43 per cent of the approved plant capacity of 360 ML/d. The daily flow rates ranged from a minimum of 84.8 ML/d to a maximum of 237.6 ML/d.

The table and graph below summarize the 2025 water production by month, highlighting the minimum, maximum, and average daily flows.

2025 Britannia Water Production by month



Month	Average Daily Flow Rate (ML/d)	Minimum Daily Flow Rate (ML/d)	Maximum Daily Flow Rate (ML/d)
January	131.2	110.2	168.0
February	144.2	92.5	167.7
March	145.2	108.5	182.0
April	145.3	134.4	172.3
May	162.1	135.5	215.1
June	171.8	136.5	233.0
July	182.1	144.0	237.6
August	189.5	142.2	233.3
September	164.5	84.8	231.1
October	142.9	130.0	158.9
November	138.5	87.9	166.8
December	152.5	130.8	181.3
Year End	155.9 (Average)	84.8 (Min. Day)	237.6 (Max. Day)

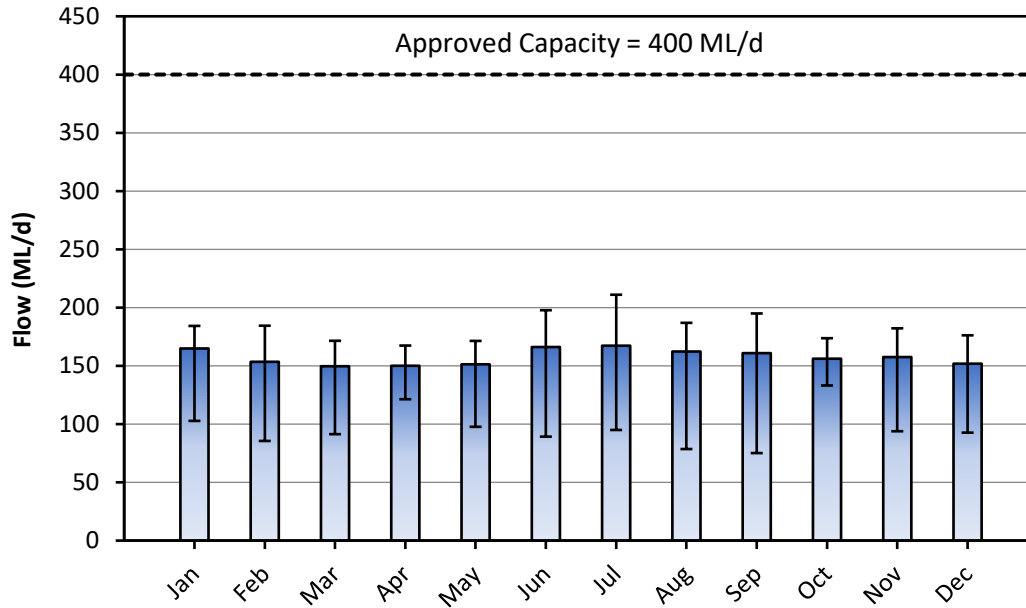
Lemieux Island WPP – Annual Water Flow Rates for 2025

The Lemieux Island Water Purification Plant treated and distributed an average of 157.6 Million Liters per day (ML/d), which represents 39 per cent of the approved plant capacity of 400 ML/d. The daily flow rates ranged from a minimum of 75.1 ML/d to a maximum of 211.0 ML/d.

The table and graph below summarize the 2025 water production by month, highlighting the minimum, maximum, and average daily flows.

2025 Lemieux Island Water Production by month

(minimum, average & maximum daily flow rate)



Month	Average Daily Flow Rate (ML/d)	Minimum Daily Flow Rate (ML/d)	Maximum Daily Flow Rate (ML/d)
January	164.9	102.7	184.3
February	153.5	85.5	184.4
March	149.7	91.3	171.5
April	150.1	121.3	167.4
May	151.3	97.7	171.4
June	166.1	89.2	197.7
July	167.3	95.0	211.0
August	162.3	78.6	186.9
September	160.9	75.1	194.9
October	156.1	133.1	173.7
November	157.5	93.9	182.2
December	151.8	92.6	176.2
Year End	157.2 (Average day)	75.1 (Min. Day)	211.0 (Max. Day)

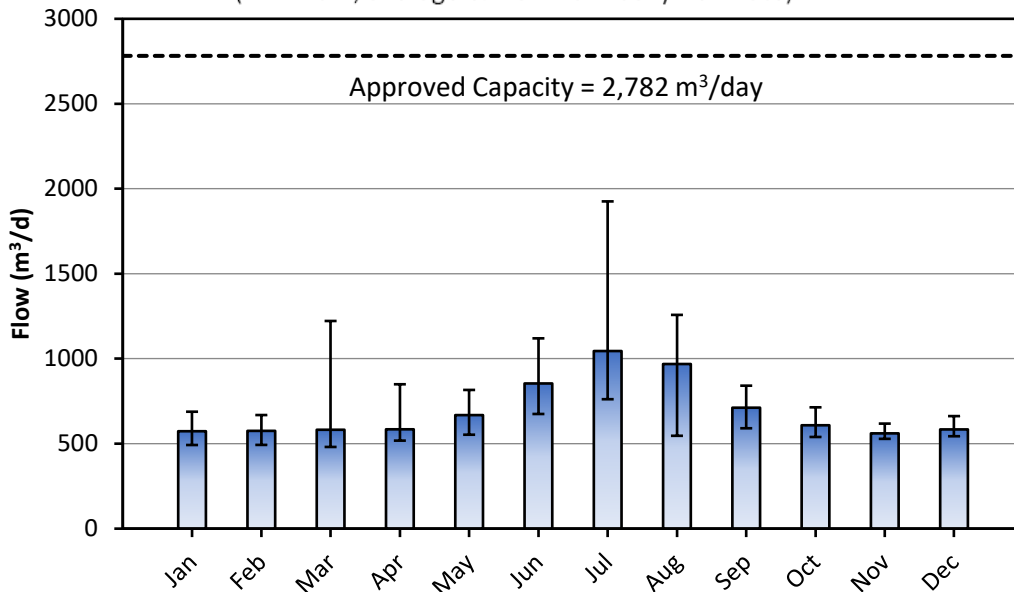
Carp Well System – Annual Water Flow Rates for 2025

The Carp Well System treated and distributed an average of 694.1 m³/d, which represents 25 per cent of the approved plant capacity of 2,782 m³/d. The daily flow rates ranged from a minimum of 480.7 m³/d to a maximum of 1925.7 m³/d.

The table and graph below summarize the 2025 water production by month, highlighting the minimum, maximum, and average daily flows.

2025 Carp Water Production by month

(minimum, average & maximum daily flow rate)



Month	Average Daily Flow Rate (m ³ /d)	Minimum Daily Flow Rate (m ³ /d)	Maximum Daily Flow Rate (m ³ /d)
January	573.3	492.2	688.1
February	575.4	492.8	668.5
March	581.9	480.7	1222.0
April	584.6	518.0	849.6
May	668.1	552.8	816.2
June	854.3	674.7	1119.8
July	1045.1	761.6	1925.7
August	968.8	546.4	1257.8
September	711.7	590.7	841.3
October	608.4	539.5	713.9

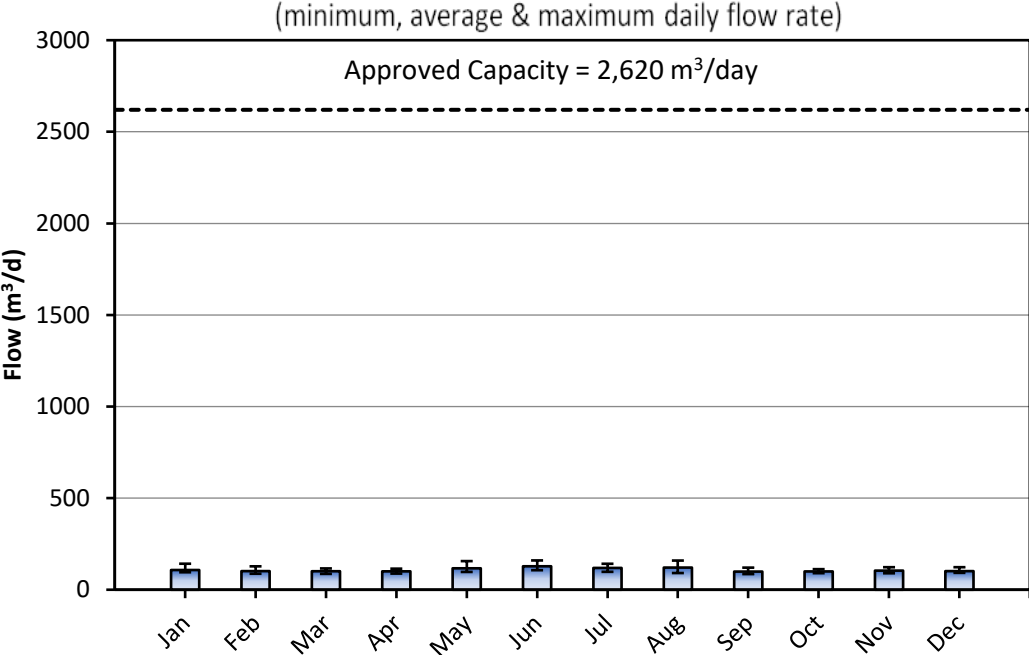
Month	Average Daily Flow Rate (m ³ /d)	Minimum Daily Flow Rate (m ³ /d)	Maximum Daily Flow Rate (m ³ /d)
November	560.7	528.4	618.1
December	583.9	543.8	662.2
Year End	694.1 (Average)	480.7 (Min. Day)	1925.7 (Max. Day)

Kings Park Well System – Annual Water Flow Rates for 2025

The Kings Park Well System (Richmond) treated and distributed an average of 108.4 m³/d, which represents 4 per cent of the approved plant capacity of 2620 m³/d. The daily flow rates ranged from a minimum of 85.5 m³/d to a maximum of 160.0 m³/d.

The table and graph below summarize the 2025 water production by month, highlighting the minimum, maximum, and average daily flows.

2025 Kings Park Water Production by month



Month	Average Daily Flow Rate (m³/d)	Minimum Daily Flow Rate (m³/d)	Maximum Daily Flow Rate (m³/d)
January	107.6	95.4	142.0
February	101.6	87.4	127.7
March	101.0	86.6	116.2
April	100.3	88.2	115.0
May	117.0	97.2	156.2
June	128.0	106.7	160.0
July	119.0	97.8	141.7
August	120.9	91.2	159.3
September	99.1	85.5	120.6
October	99.9	90.4	112.2
November	104.3	89.9	122.9
December	101.6	92.3	123.0
Year End	108.4 (Average)	85.5 (Min. Day)	160.0 (Max. Day)

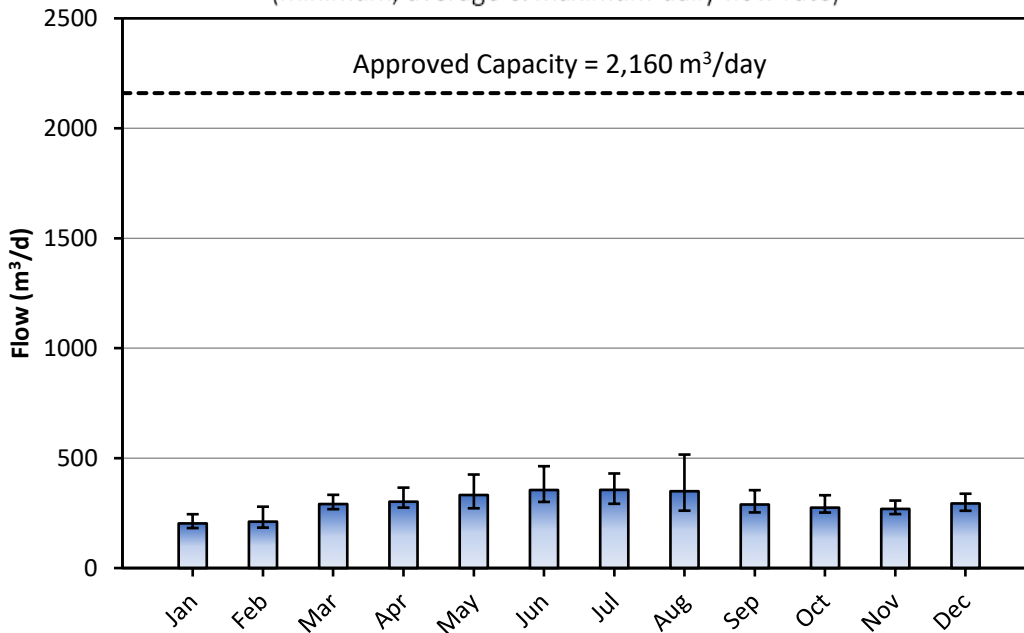
Munster Well System – Annual Water Flow Rates for 2025

The Munster Well System treated and distributed an average of 294.4 m³/d, which represents 14 per cent of the approved plant capacity of 2160 m³/d. The daily flow rates ranged from a minimum of 181.8 m³/d to a maximum of 516.1 m³/d. The maximum flow rate was associated with flushing activities in the distribution system.

The table and graph below summarize the 2025 water production by month, highlighting the minimum, maximum, and average daily flows.

2025 Munster Water Production by month

(minimum, average & maximum daily flow rate)



Month	Average Daily Flow Rate (m3/d)	Minimum Daily Flow Rate (m3/d)	Maximum Daily Flow Rate (m3/d)
January	203.0	181.8	244.8
February	211.2	183.8	279.1
March	291.2	267.8	333.0
April	301.9	274.9	365.8
May	332.2	271.8	425.4
June	355.0	300.8	463.2
July	355.6	292.3	430.1
August	349.5	260.9	516.1
September	289.0	253.0	354.2
October	274.8	252.3	331.2
November	269.0	245.5	306.9
December	293.8	260.6	338.1
Year End	294.4 (Average)	181.8 (Min. Day)	516.1 (Max. Day)

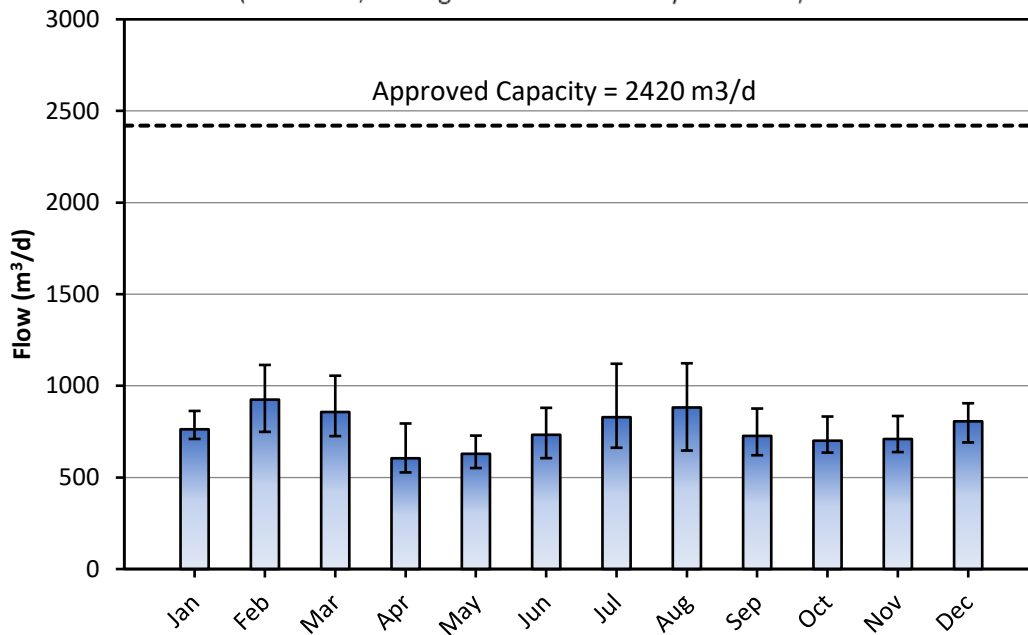
Richmond West Well System – Annual Water Flow Rates for 2025

The Richmond West Well System treated and distributed an average of 763.1 m³/d, which represents 32 per cent of the approved plant capacity of 2420 m³/d. The daily flow rates ranged from a minimum of 527.3 m³/d to a maximum of 1123.0 m³/d.

The table and graph below summarize the 2025 water production by month, highlighting the minimum, maximum, and average daily flows.

2025 Richmond West Water Production by month

(minimum, average & maximum daily flow rate)



Month	Average Daily Flow Rate (m ³ /d)	Minimum Daily Flow Rate (m ³ /d)	Maximum Daily Flow Rate (m ³ /d)
January	762.8	709.9	862.8
February	924.6	748.6	1113.8
March	857.0	725.5	1055.1
April	604.6	527.3	794.3
May	629.0	551.2	728.2
June	732.7	605.2	879.8
July	828.8	662.0	1120.4

Month	Average Daily Flow Rate (m3/d)	Minimum Daily Flow Rate (m3/d)	Maximum Daily Flow Rate (m3/d)
August	881.7	646.5	1123.0
September	726.6	621.0	875.9
October	700.5	635.4	832.4
November	709.7	638.3	835.2
December	806.2	690.9	904.7
Year End	761.0 (Average)	527.3 (Min. Day)	1123.0 (Max. Day)

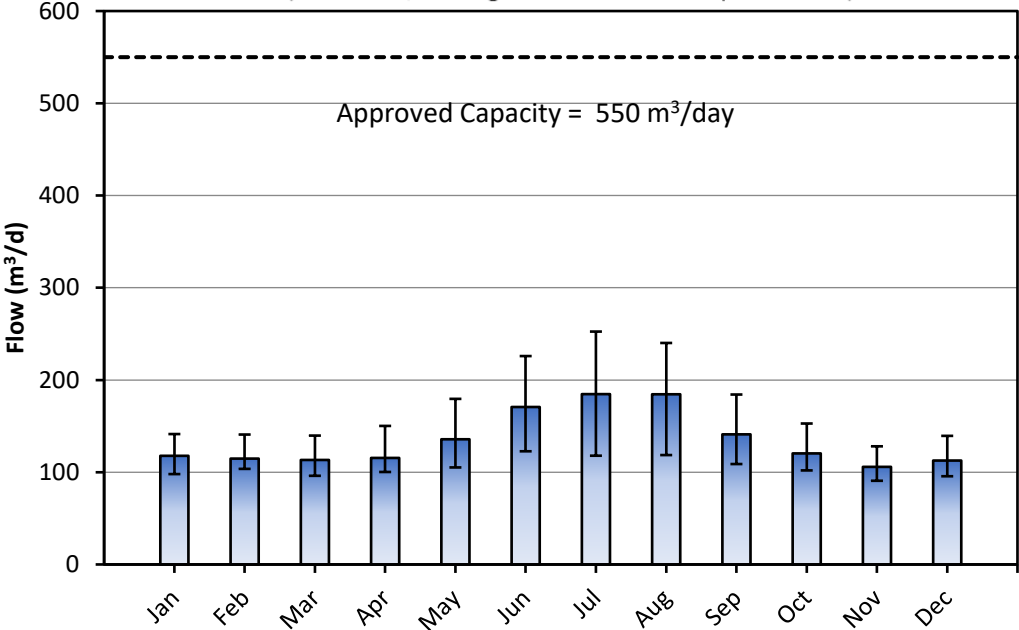
Shadow Ridge Well System – Annual Water Flow Rates for 2025

The Shadow Ridge Well System treated and distributed an average of 134.9 m³/d, which represents 25 per cent of the approved plant capacity of 550 m³/d. The daily flow rates ranged from a minimum of 90.7 m³/d to a maximum of 252.5 m³/d.

The table and graph below summarize the 2025 water production by month, highlighting the minimum, maximum and average daily flows.

2025 Shadow Ridge Water Production by month

(minimum, average & maximum daily flow rate)



Month	Average Daily Flow Rate (m³/d)	Minimum Daily Flow Rate (m³/d)	Maximum Daily Flow Rate (m³/d)
January	117.8	98.0	141.4
February	114.8	103.6	140.9
March	113.3	96.1	139.7
April	115.5	100.3	150.2
May	135.7	105.2	179.5
June	170.7	122.7	225.9
July	184.7	117.9	252.5
August	184.5	118.6	240.1
September	141.1	108.9	184.2
October	120.4	102.0	152.8
November	105.8	90.7	128.1
December	112.7	95.6	139.4
Year End	134.9 (Average)	90.7 (Min. Day)	252.5 (Max. Day)

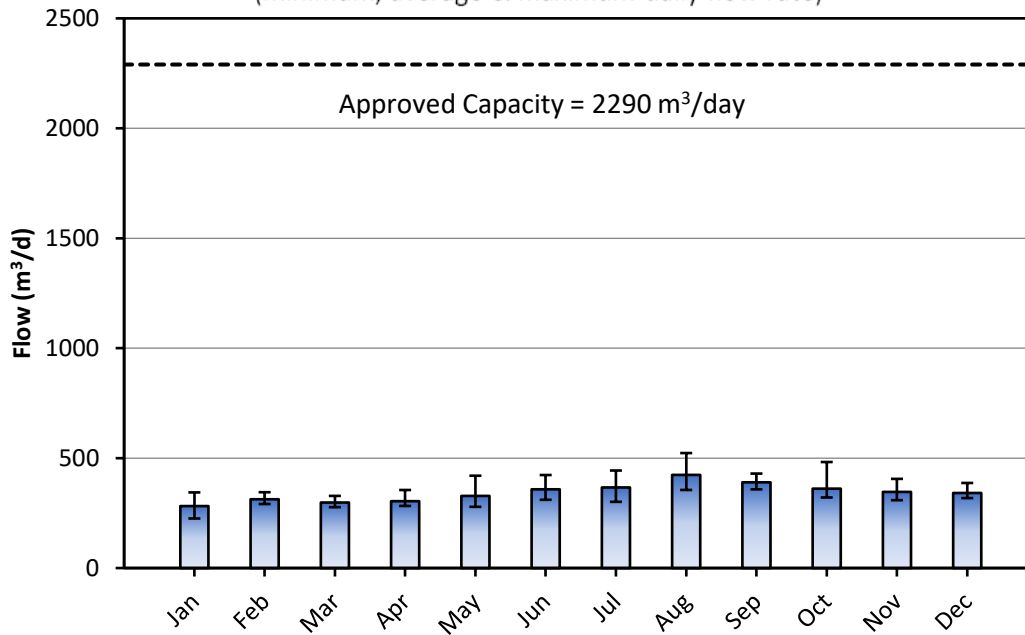
Vars Well System – Annual Water Flow Rates for 2025

The Vars Well System treated and distributed an average of 342.9 m³/d, which represents 15 per cent of the approved plant capacity of 2290 m³/d. The daily flow rates ranged from a minimum of 225.5 m³/d to a maximum of 523.0 m³/d.

The table and graph below summarize the 2025 water production by month, highlighting the minimum, maximum, and average daily flows.

2025 Vars Water Production by month

(minimum, average & maximum daily flow rate)



Month	Average Daily Flow Rate (m ³ /d)	Minimum Daily Flow Rate (m ³ /d)	Maximum Daily Flow Rate (m ³ /d)
January	281.8	225.5	344.0
February	312.9	291.3	344.9
March	298.0	276.8	328.2
April	304.1	282.5	355.0
May	328.1	278.5	419.9
June	358.1	310.6	423.1
July	366.6	301.2	443.6
August	423.7	355.3	523.0
September	390.0	358.0	429.6
October	361.1	320.9	482.3
November	346.3	308.6	405.6
December	341.4	318.1	387.0
Year End	342.9 (Average)	225.5 (Min. Day)	523.0 (Max. Day)