



# 2025

## Drinking water in Peel

Summary report

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## 1. Executive summary

The 2025 Drinking Water in Peel Summary Report (the Report) fulfills the requirements outlined in Schedule 22 of the Ontario Drinking Water Systems Regulation 170/03 under the *Safe Drinking Water Act, 2002*.

The Report includes a statement of compliance with the *Safe Drinking Water Act, 2002* (the Act) and its regulations as well as the terms and conditions of all approval documents issued by the Ministry of the Environment, Conservation and Parks (Ministry) for the Regional Municipality of Peel's (Peel) drinking water systems. The Report also contains a summary of the quantities and flow rates of water supplied, which aids with the assessment of our ability to meet existing and future water demands.

### Our Commitment

To supply our customers with safe and clean drinking water while maintaining compliance with all applicable legislative requirements and to continually improve our Quality Management System.

If you're having trouble understanding or interpreting the data, or if you have any general feedback about the report, please contact our Water Quality and Compliance Team at 905-791-7800 extension 4685 or by email at [PublicWorksCustServ@peelregion.ca](mailto:PublicWorksCustServ@peelregion.ca).

### 1.1 Reporting requirements under the Ontario Drinking Water Systems Regulation (O.Reg. 170/03)

Peel staff prepare and publish Section 11 annual reports on water quality for each of Peel's five drinking water systems, and a Schedule 22 summary report for municipalities, to keep our customers and regional Council informed of system performance. Additional details on the annual reports are provided in section 2.

## 1.2 Reporting of water quality events

Peel Region's Public Works Water and Wastewater Division collaborates with Peel Public Health on all reportable water quality events to ensure the safety of the drinking water supply for Peel's residents, businesses, and visitors. This involves thorough assessment of each event to determine the level of potential risk to public health and selection of appropriate response actions. In the event of a confirmed risk, actions may include but are not limited to a drinking water advisory or boil water advisory issued by Public Health. Water quality events are summarized in the [annual reports](#), available online, to demonstrate transparency and accountability to our customers regarding their water supply and actions taken to confirm or re-establish water safety.

## 1.3 Summary of compliance

Peel complied with the requirements of the *Act*, the regulations, and the conditions of all licences and permits for the municipal drinking water systems, except for events detailed in section 2 of this report. These events were primarily operational and administrative in nature, which represent low to no risk to drinking water quality and public health.

## 2. Statement of compliance

The Ontario Drinking Water Systems Regulation (O.Reg.170/03) prescribes stringent and mandatory requirements to monitor, test and report on drinking water quality. Section 11 of O.Reg.170/03 requires the water system owner to prepare an annual report that includes information related to the quality of the drinking water supplied, a brief description of the drinking water system, a list of treatment chemicals used, any major expenses incurred, and a summary of reports made to the Ministry for adverse water quality incidents. An annual report must be prepared for the preceding calendar year and identify specific details regarding the overall quality of the drinking water supplied. It must be made available to the public by February 28 of each year.

The 2025 annual reports on water quality for each of Peel's drinking water systems were prepared and published on Peel's [website](#) at the end of February. The reports can also be obtained in electronic or paper format upon request. Availability of the annual reports is communicated to the consumers via Peel's

website, digital newsletters, social media feeds, and Service Peel at Peel’s headquarters in Brampton.

Schedule 22 of O.Reg.170/03 requires the owner of a water system to prepare a summary report for municipalities and present it to regional Council by March 31 annually. The report must demonstrate regular review of compliance with the requirements of the Act and its regulations, and conditions of approval documents. Any regulatory requirement(s) that the drinking water system failed to meet must be summarized with a description of the non-compliance event, the immediate actions taken to correct the issue, as well as the control measures put in place to mitigate or prevent future occurrences. Events for 2025 are detailed in table 2 Summary of Non-Compliance Events and Actions Taken within section 2 of this report. The report must also include a summary of the quantities and flow rates of water supplied for the year, tallying monthly average and maximum daily flows for all municipal drinking water systems. Flow data is provided in section **Error! Reference source not found.** of this report.

Peel fulfilled the requirements of the Act, the regulations, and the conditions of all approvals documents for its drinking water systems, apart from the events detailed in table 2 Summary of Non-Compliance Events and Actions Taken on page 7 of this report. These occurrences were not associated with the quality or safety of drinking water supplied to the consumers but were found to be non-compliant with select conditions of the Ontario drinking water legislation and/or supplementary Ministry approvals.

The Ministry of the Environment, Conservation and Parks (Ministry) inspections demonstrate strong performance across Peel’s drinking water systems. Inspection results for 2025 are presented in the table below.

**Table 1. Drinking water system ministry inspection rating - 2025**

Drinking Water System Water Works		Operating Authority	Ministry Inspection Rating
Caledon Village - Alton		95.90%	Peel
Palgrave - Caledon East		93.03%	
Cheltenham		100%	
Inglewood		100%	
South Peel <sup>1</sup>	Arthur P. Kennedy Water Treatment Plant	100%	OCWA <sup>2</sup>
	Lorne Park Water Treatment Plant	99.31%	

<sup>1</sup> South Peel drinking water system supplies the cities of Brampton and Mississauga, and parts of Caledon

<sup>2</sup> OCWA - Ontario Clean Water Agency

<b>South Peel Distribution</b>	93.28%	OCWA <sup>2</sup> / Peel <sup>3</sup>
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Inspection scores of less than 100% do not reflect unsafe drinking water. They typically reflect inspection findings that were largely administrative in nature and did not compromise the quality of the water supply. For more information on the Ministry inspection methodology, please visit the [Ministry's website](#).

The Poltawa Country Club Distribution System (CCDS), located in Terra Cotta, Caledon, is a non-municipal year-round residential system owned by the Poltawa Country Club. Since January 2016, Poltawa CCDS has been operated by Peel through a legal agreement under section 5 of O.Reg. 170/03, which includes regular monitoring of water quality by Peel water operations staff.

Poltawa CCDS receives all its water directly from Peel's Cheltenham Drinking Water System. Maintenance and repair of water assets in the Poltawa CCDS is performed by a third-party contractor.

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<sup>3</sup> Water Transmission, Pumping and Storage part of the South Peel Distribution System is operated by OCWA, while the local distribution is operated by Peel.

**Table 2.1. 2025 Summary of Non-Compliance Events and Actions Taken at Palgrave - Caledon East**

Operating Authority	Events and Actions Taken	
<b>Peel Region</b>	Legislative Requirement	Municipal Drinking Water Licence, Schedule B, Condition 16.2.8 (a) and 16.2.9 Above grade components for each well must be inspected at least once every 12 months
	Statement of Non-Compliance	The Ministry's updated frequency from 'annual' to 'every 12-months' was not fully implemented across all wells. Palgrave Well 4 and Caledon East Well 3 were inspected within the required 12-month interval, while Palgrave Wells 2 and 3 and Caledon East Wells 4 and 4A exceeded the inspection deadline and were scheduled for completion later in the year.
	Immediate Action Taken	Staff inspected the outstanding wells and adjusted inspection schedule to meet the new frequency.
	Risk to Drinking Water Safety and Public Health	NONE
	Control of Measures	Operation & Maintenance Manual for Caledon groundwater systems was updated to document the 12-month inspection requirement and well inspection schedule updated to increase frequency of inspections to semi-annual.
<b>Peel Region</b>	Legislative Requirement	Ontario Regulation 170/03 Schedule 7-2(3) At least four (4) samples must be taken on day 1 of the week and at least three (3) samples must be take on day 2 of the week that are taken a minimum 48 hours from the samples taken on day 1 of the week and tested for chlorine residual.
	Statement of Non-Compliance	Secondary disinfection was maintained at all times; however, chlorine residual sampling was not aligned with the required schedule during some weeks.

Operating Authority	Events and Actions Taken	
	Immediate Action Taken	The regulatory sampling requirements were reviewed with Operations staff and the sampling schedule updated to clearly reflect the required weekly routine.
	Risk to Drinking Water Safety and Public Health	LOW No impact to quality of water supply; chlorine residual is continuously monitored in the distribution system with online analyzers at water storage facilities.
	Control of Measures	Operations implemented a new form that documents the required weekly chlorine residual testing. Operators received training on November 25, 2025. Staff are seeking amendment to Ministry approval to deem online chlorine analyzers regulatory, to replace the need for additional testing of chlorine residual in the distribution.
<b>Peel Region</b>	Legislative Requirement	Ontario Regulation 170/03 Schedule 10-4 A raw water sample must be taken at least once every week from the drinking water system prior to treatment and tested for E-coli and Total Coliforms.
	Statement of Non-Compliance	Raw water samples were not tested for E-coli and Total Coliforms for the week of December 22, 2024. Samples were taken from the system as required but were not placed in the designated location for pickup by the laboratory. Samples were therefore not delivered to the laboratory and not analyzed. This finding was identified in September during annual Ministry inspection.
	Immediate Action Taken	A root cause analysis was completed to determine the cause of the event, to identify corrective actions and implement control measures to address the inspection finding.

Operating Authority	Events and Actions Taken	
	Risk to Drinking Water Safety and Public Health	<p>LOW</p> <p>No impact to quality of water supply. Raw water undergoes treatment process designed to inactivate harmful microorganisms.</p>
	Control of Measures	<p>The root cause analysis concluded that additional training and updates to the work order system were needed to ensure proper documentation when dropping off samples. The revised process training was completed on November 25, 2025.</p>
<b>Peel Region</b>	Legislative Requirement	<p>Ontario Regulation 170/03 Schedule 10-3 A treated water sample must be taken at least once every week from the drinking water system and tested for E-coli and Total Coliforms.</p>
	Statement of Non-Compliance	<p>Treated water samples were not tested for E-coli and Total Coliform for the week December 22, 2024. Samples were taken from the system as required but were not placed in designated location for pickup by the laboratory. Samples were therefore not delivered to the laboratory and not analyzed. This finding was identified in September during annual Ministry inspection.</p>
	Immediate Action Taken	<p>A root cause analysis was completed to determine the cause of the event, to identify corrective actions and implement control measures to address the inspection finding.</p>
	Risk to Drinking Water Safety and Public Health	<p>LOW</p> <p>No impact to quality of water supply. Treatment process is designed to inactivate harmful microorganisms and to alert staff of abnormal operating conditions. Chlorine residual is continuously monitored by online analyzers at the treatment facilities and reservoirs. Samples were taken from the</p>

Operating Authority	Events and Actions Taken	
		distribution system and tested that week and confirmed water safety.
	Control of Measures	The root cause analysis concluded that additional training and updates to the work order system were needed to ensure proper documentation when dropping off samples. The revised process training was completed on November 25, 2025.

**Table 2.2. 2025 Summary of Non-Compliance Events and Actions Taken at Caledon Village - Alton**

Operating Authority	Events and Actions Taken	
<b>Peel Region</b>	Legislative Requirement	Municipal Drinking Water Licence, Schedule B, Condition 16.2.8 (a) and 16.2.9 Above grade components for each well must be inspected at least once every 12 months.
	Statement of Non-Compliance	The Ministry's updated frequency from 'annual' to 'every 12-months' was not fully implemented across all wells. Caledon Village Wells 3, 3B and 4, and Alton Wells 3 and 4A exceeded the inspection deadline and were scheduled for completion later in the year.
	Immediate Action Taken	Staff inspected the outstanding wells and adjusted inspection schedule to meet the new frequency.
	Risk to Drinking Water Safety and Public Health	NONE
	Control of Measures	Operation & Maintenance Manual for Caledon groundwater systems was updated to document the 12-month inspection requirement and well inspection schedule updated to increase frequency of inspections to semi-annual.

Operating Authority	Events and Actions Taken	
<b>Peel Region</b>	Legislative Requirement	Ontario Regulation 170/03 Schedule 7-2(3) At least four (4) samples must be taken on day 1 of the week and at least three (3) samples must be take on day 2 of the week that are taken a minimum 48 hours from the samples taken on day 1 of the week and tested for chlorine residual.
	Statement of Non-Compliance	Secondary disinfection was maintained at all times; however, chlorine residual sampling was not aligned with the required schedule during some weeks.
	Immediate Action Taken	The regulatory sampling requirements were reviewed with Operations staff and the sampling schedule updated to clearly reflect the required weekly routine.
	Risk to Drinking Water Safety and Public Health	LOW No impact to quality of water supply; chorine residual is continuously monitored in the distribution system with online analyzers at water storage facilities.
	Control of Measures	Operations implemented a new form that documents the required weekly chlorine residual testing. Operators received training on November 25, 2025. Staff are seeking amendment to Ministry approval to deem online chlorine analyzers regulatory, to replace the need for additional testing of chlorine residual in the distribution.

**Table 2.3. 2025 Summary of Non-Compliance Events and Actions Taken at Lorne Park Water Treatment Plan**

Operating Authority	Events and Actions Taken	
<b>OCWA</b>	Legislative Requirement	Drinking Water Works Permit # 009-201, Schedule B, Condition 2.4 The owner shall notify the Ministry within thirty (30) days after placing into service or

Operating Authority	Events and Actions Taken	
		the completion drinking water system alteration which has been pre-authorized under the permit.
	Statement of Non-Compliance	A sodium bisulphate storage tank was replaced to allow for additional storage. Director Notification to the Ministry was not submitted within 30 days of a replacement tank being placed into service.
	Immediate Action Taken	A missed notification was identified during Ministry inspection. Staff subsequently completed the required form and submitted it to the Ministry.
	Risk to Drinking Water Safety and Public Health	NONE
	Control of Measures	The requirement to notify Compliance when an asset approved through regulatory documentation is brought into service was reviewed with relevant stakeholders and the status of all projects requiring documentation to the Ministry added to Operations-Compliance monthly meeting agenda.
<b>OCWA</b>	Legislative Requirement	Municipal Drinking Water Licence # 009-101, Schedule C, Condition 7.1 The owner shall develop and keep up to date a Harmful Algal Bloom Monitoring, Reporting and Sampling Plan
	Statement of Non-Compliance	On August 11, 2025 taste and odour samples for Geosmin and MIB parameters were not collected as required for daily raw and treated water testing.
	Immediate Action Taken	The missed sampling was identified by OCWA staff and a self-declaration of non-compliance provided to the to the Ministry. Samples were collected the next day as required.
	Risk to Drinking Water Safety and Public Health	NONE

Operating Authority	Events and Actions Taken	
	Control of Measures	OCWA staff reviewed the sampling procedures to identify any gaps and issued a memo outlining the required sampling regimen for the taste and odour season, including the triggers for daily water sampling. Staff training modules were also reviewed with staff to reinforce the importance of taste and odour sampling as part of the HAB plan requirement.

**Table 2.4. 2025 Summary of Non-Compliance Events and Actions Taken at South Peel Distribution Centre**

Operating Authority	Events and Actions Taken	
<b>OCWA</b>	Legislative Requirement	Drinking Water Works Permit # 009-201, Schedule B, Condition 2.4 The owner shall notify the Ministry within thirty (30) days after placing into service or the completion drinking water system alteration which has been pre-authorized under the permit.
	Statement of Non-Compliance	A Form 2 was not completed and Director Notification was not submitted to the Ministry within 30 days of replacement two fuel tanks being placed in service at the Airport Reservoir and Pumping Station.
	Immediate Action Taken	The missed completion of the required form and associated notification was identified by staff, and self-declaration of the non-compliance provided to the Ministry. Immediately upon discovery, staff completed the required Form 2 and the Director Notification, which was submitted to the Ministry.
	Risk to Drinking Water Safety and Public Health	NONE
	Control of Measures	The requirements of the Drinking Water Works Permit to complete Form 2 and 3

Operating Authority	Events and Actions Taken	
		<p>were reviewed by OCWA and to notify Peel Compliance when applicable assets are put into service to ensure a Director Notification is submitted to the Ministry as required.</p>
<p><b>Peel Region</b></p>	<p>Legislative Requirement</p>	<p>Drinking Water Works Permit # 009-201, Schedule B, Condition 2.0 All parts of the drinking water system in contact with drinking water that are added, modified, replaced, extended shall be disinfected in accordance with a procedure approved by Ministry.</p>
	<p>Statement of Non-Compliance</p>	<p>Ministry inspection identified two instances of a watermain break repair records being incomplete, with type of watermain break not documented as required by the Ministry 2020 Watermain Disinfection Procedure.</p>
	<p>Immediate Action Taken</p>	<p>Operator refresher training was held and documentation requirements reviewed for watermain break repairs.</p>
	<p>Risk to Drinking Water Safety and Public Health</p>	<p>NONE</p>
	<p>Control of Measures</p>	<p>Procedural documentation for watermain break repair was updated to align with the digital work order system. Quality control process is being developed to review watermain break documentation at the completion of the repair.</p>
<p><b>Peel Region</b></p>	<p>Legislative Requirement</p>	<p>Municipal Drinking Water Licence # 009-101, Schedule B, Section 10.1 Water systems must not discharge a contaminant into the natural environment that causes, or is likely to cause, an adverse effect.</p>
	<p>Statement of Non-Compliance</p>	<p>On several occasions throughout 2025, water emerging from a watermain break picked up soil (silt) and washed it into nearby storm sewers or waterbody until the</p>

Operating Authority	Events and Actions Taken	
		water supply was isolated for watermain repair efforts to be initiated.
	Immediate Action Taken	All the events were reported to the Ministry appropriately. Peel Region Environmental Control immediately responds to these events to assess impact to the natural environment and report the event to the Ministry.
	Risk to Drinking Water Safety and Public Health	NONE
	Control of Measures	During these unplanned events, staff strive to maintain drinking water system pressure to ensure the integrity of the drinking water supply, and also minimize impact on the environment and the public.
<b>Peel Region</b>	Legislative Requirement	Ontario Regulation 170/03 Schedule 15.1-5 (5) Lead samples under reduced sampling requirements must be taken during regulatory designated periods.
	Statement of Non-Compliance	Most plumbing samples met the required timelines, with some taken outside of the prescribed periods due to scheduling limitations and participant availability.
	Immediate Action Taken	Samples being collected outside of designated sampling period were flagged and a self declaration of the finding provided to the to the Ministry.
	Risk to Drinking Water Safety and Public Health	NONE
	Control of Measures	Staff reviewed lead sampling program requirements with emphasis on the logistics of scheduling lead sampling appointments within the required period.

**Table 2.5. 2025 Summary of Non-Compliance Events and Actions Taken at Arthur P. Kennedy Water Treatment Plant**

Operating Authority	Events and Actions Taken	
<b>OCWA</b>	Legislative Requirement	Municipal Drinking Water Licence # 009-101, Schedule E, Condition 1.0 Membrane filter integrity shall be monitored by continuous particle counting or by an equivalently effective means such as intermittent pressure decay measurements or laser turbidity analyzers;
	Statement of Non-Compliance	A direct integrity test (DIT) is performed at least once daily on each membrane filter train using the pressure decay test method. On November 23, 2025, train 45 resumed operation without performing the required membrane integrity test.
	Immediate Action Taken	The missed integrity test was identified by OCWA staff and a self declaration of finding provided to the to the Ministry. Integrity tests for membrane filter train 45 performed on November 22 and November 24 were completed as required and met acceptance criteria.
	Risk to Drinking Water Safety and Public Health	NONE
	Control of Measures	OCWA staff were reminded about the importance of membrane filter operating practices and the associated process checks.
<b>OCWA</b>	Legislative Requirement	Municipal Drinking Water Licence # 009-101, Schedule C, Condition 7.1 The owner shall develop and keep up to date a Harmful Algal Bloom Monitoring, Reporting and Sampling Plan
	Statement of Non-Compliance	On September 23, 2025 taste and odour samples for Geosmin and MIB parameters were not collected as required for daily raw and treated water testing due to sampling scheduling documentation error.

Operating Authority	Events and Actions Taken	
	Immediate Action Taken	The missed sampling was identified by OCWA staff and a self-declaration of non-compliance provided to the to the Ministry. Samples were collected the next day as required.
	Risk to Drinking Water Safety and Public Health	NONE
	Control of Measures	OCWA staff reviewed the sampling procedures to identify any gaps and additional training was provided to staff to reinforce the importance of taste and odour sampling as part of the HAB plan requirement.

### 3. Drinking water systems

#### 3.1 Municipal Drinking Water Licence and Drinking Water Works Permit

The Ontario Ministry of the Environment, Conservation and Parks (Ministry) has developed the Municipal Drinking Water Licensing Program (the Program) in support of the *Safe Drinking Water Act, 2002*. The Program requires municipal drinking water systems to have the following in place in order to be issued a Municipal Drinking Water Licence (Licence) to operate the system:

- a Drinking Water Works Permit (DWWP),
- a Permit to Take Water (PTTW),
- an approved Operational Plan,
- accreditation of the Operating Authority, and
- a Financial Plan for the operation of the water system.

Under the Program, the authority to establish, alter and operate a drinking water system is provided by the specific conditions set out in the Drinking Water Works Permit (DWWP) and the Licence, respectively. Peel must apply to have the DWWP and Licence for each system renewed by the Ministry every five years.

The renewal process is complex and requires a comprehensive technical evaluation, a raw water quality assessment, an approved Financial Plan, a copy of the Operational Plan, and other system-specific supporting documentation.

Peel received the original DWWP and Licence in November 2009 for each of its drinking water systems. All Peel's DWWPs and Licences were renewed every five years and/or updated between renewal dates as needed to address major changes to the water system(s), or to adjust terms and conditions. The current DWWPs and Licences were issued to Peel in November 2024 and include new operational conditions. The next renewal date for Peel's current DWWPs and Licences is November 2029.

Ministry issued approvals in effect for Peel's drinking water systems in 2025 are summarized below in Tables 3, 4 and 5.

**Table 3. Municipal Drinking Water Licence (Licence)**

Drinking Water System	Licence Number	Issue Number	Issue Date	Expiry Date
South Peel	009-101	17	November 5, 2024	November 4, 2029
Caledon Village - Alton	009-102	13	November 5, 2024	November 4, 2029
Inglewood	009-103	12	November 5, 2024	November 4, 2029
Cheltenham	009-104	12	November 5, 2024	November 4, 2029
Palgrave - Caledon East	009-105	11	November 5, 2024	November 4, 2029

**Table 4. Drinking Water Works Permit (DWWP)**

Drinking Water System	DWWP Number	Issue Number	Issue Date
South Peel	009-201	12	November 5, 2024
Caledon Village - Alton	009-202	9	November 5, 2024
Inglewood	009-203	10	November 5, 2024
Cheltenham	009-204	9	November 5, 2024
Palgrave - Caledon East	009-205	9	November 5, 2024

**Table 5. Permit to Take Water (PTTW)**

Drinking Water System/ Waterworks	Waterworks Number	PTTW Number	Effective Date	PTTW Expiry Date
Arthur P. Kennedy WTP <sup>4</sup>	210000568	P-300 -5092604438 <sup>5</sup>	April 7, 2022	October 8, 2030
	Lorne Park WTP <sup>4</sup>			
Caledon Village - Alton	220004000	P-300- 8032340160 (Caledon Village)	January 22, 2024	April 30, 2029
		P-300- 9058863382 (Alton)	May 24, 2024	August 31, 2029
Cheltenham	260002590	2505-AW9JW4	February 28, 2018	February 29, 2028
Inglewood	220004037	4521-C8E59V	November 5, 2021	June 22, 2028
Palgrave - Caledon East	220003993	P-300-2034379854 (Palgrave)	February 13, 2024	May 31, 2029
		P-300-2095321129 (Caledon East)	December 30, 2020	December 26, 2025
			December 13, 2025	December 31, 2030

### 3.2 Drinking Water System Classification

In accordance with Ontario Regulation 128/04, municipal residential water systems are classified based on the level of operating complexity, with the higher class reflecting more advanced treatment process or more complex water distribution. Water system classification must align with operators' certification whereby systems must be operated by persons holding the same type of certificate as that of the system, and those with overall operational responsibility holding, at the minimum, the same level of classification as that of the water system. All of Peel's drinking water systems are classified and certified with the Ministry, as required. Water treatment and distribution subsystem classification for Peel's drinking water systems is summarized in [Table 6](#).

<sup>4</sup> WTP - Water Treatment Plant

<sup>5</sup> The Arthur P. Kennedy WTP and Lorne Park WTP are on the same PTTW

**Table 6. Drinking water system classification**

Drinking Water System	Drinking Water Subsystem	Subsystem Classification		Certificate Number
		Type of Subsystem	Class Level	
<b>South Peel</b>	Arthur P. Kennedy WTP	Water Treatment	IV	2
	Lorne Park WTP	Water Treatment	IV	3
	Transmission and Pumping	Water Distribution	IV	2135
	Distribution	Water Distribution	II	237
<b>Caledon Village - Alton</b>	Alton Wells 3 and 4A	Water Treatment	I	5164
	Caledon Village Wells 3 and 3B	Water Treatment	I	238
	Caledon Village Well 4	Water Treatment	II	7225
	Distribution	Water Distribution	II	3612
<b>Inglewood</b>	Inglewood Wells 3 and 4	Water Treatment	I	5187
	Distribution	Water Distribution	III	2002
<b>Cheltenham</b>	Cheltenham Wells 1 and 2	Water Treatment	I	2967
	Distribution	Water Distribution	I	3614
<b>Palgrave - Caledon East</b>	Caledon East Wells 4 and 4A	Water Treatment	I	4814
	Caledon East Well 3	Water Treatment	I	1998
	Palgrave Well 4	Water Treatment	II	7226
	Palgrave Wells 2 and 3	Water Treatment	II	5188
	Distribution	Water Distribution	II	6245

## 4. Flow Data

### 4.1 Municipal groundwater systems in Caledon

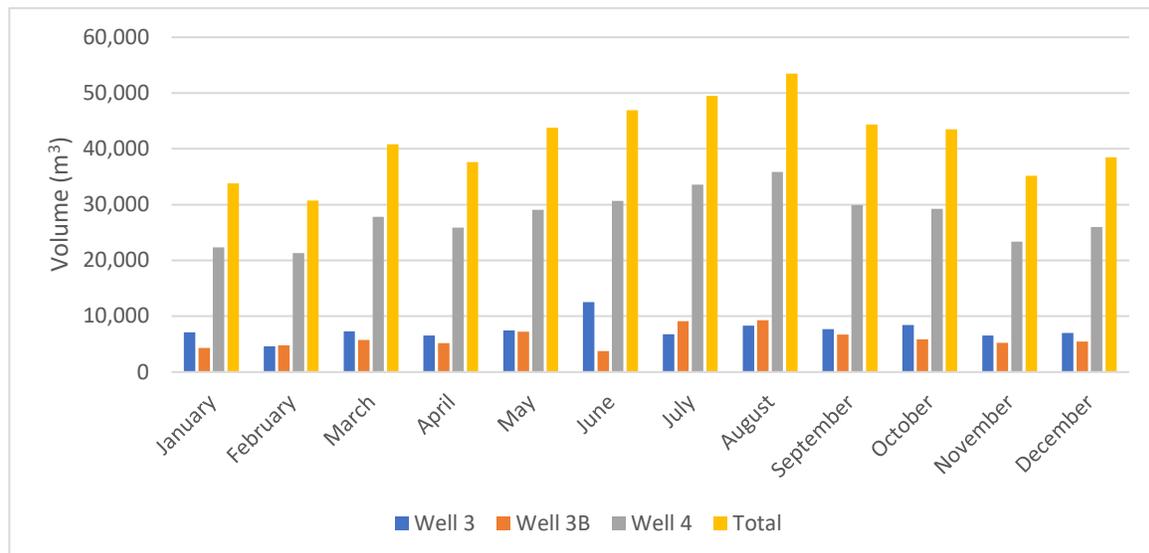
#### 4.1.1 Total monthly volumes

Table 7. Caledon Village total monthly raw water volumes

Month	Volume (m <sup>3</sup> )			Monthly Total
	Caledon Village Well 3	Caledon Village Well 3B	Caledon Village Well 4	
January	7,103.27	4,352.39	22,355.18	33,810.84
February	4,595.38	4,803.31	21,330.96	30,729.65
March	7,293.37	5,751.09	27,806.50	40,850.96
April	6,554.44	5,164.66	25,893.82	37,612.92
May	7,477.55	7,232.44	29,085.24	43,795.23
June	12,525.45	3,737.41	30,673.20	46,936.06
July	6,750.97	9,138.08	33,591.50	49,480.55
August	8,305.14	9,277.77	35,883.32	53,466.23
September	7,707.39	6,696.00	29,948.45	44,351.84
October	8,417.62	5,855.75	29,240.61	43,513.98
November	6,537.79	5,242.97	23,381.20	35,161.96
December	7,002.45	5,449.56	26,023.99	38,476.00
<b>Annual Total</b>	<b>90,270.82</b>	<b>72,701.43</b>	<b>335,213.97</b>	<b>498,186.22</b>

Note: 1 m<sup>3</sup> = 1,000 Litres

Figure 1. 2025 Caledon Village total monthly raw water volumes

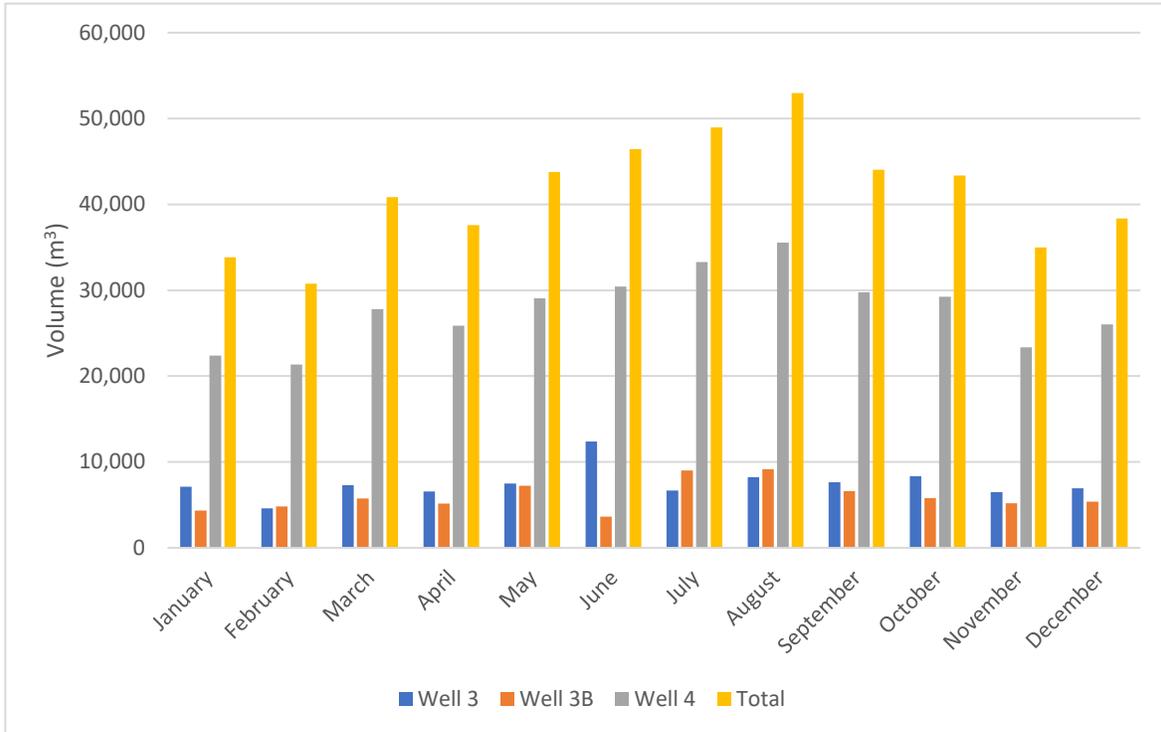


**Table 8. Caledon Village total monthly treated water volumes**

Month	Volume (m <sup>3</sup> )			
	Caledon Village Well 3	Caledon Village Well 3B	Caledon Village Well 4	Monthly Total
January	7,103.27	4,352.39	22,391.47	33,847.13
February	4,595.38	4,803.31	21,351.23	30,749.92
March	7,293.37	5,751.09	27,790.78	40,835.24
April	6,554.44	5,164.66	25,858.26	37,577.36
May	7,477.55	7,232.44	29,074.47	43,784.46
June	12,394.04	3,643.34	30,421.99	46,459.37
July	6,660.41	9,020.32	33,285.74	48,966.47
August	8,238.80	9,160.73	35,558.95	52,958.48
September	7,646.13	6,609.65	29,772.26	44,028.04
October	8,350.10	5,781.80	29,242.63	43,374.53
November	6,486.21	5,181.10	23,344.32	35,011.63
December	6,942.12	5,383.03	26,026.63	38,351.78
<b>Annual Total</b>	<b>89,741.82</b>	<b>72,083.86</b>	<b>334,118.73</b>	<b>495,944.41</b>

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 2. 2025 Caledon Village total monthly treated water volumes**

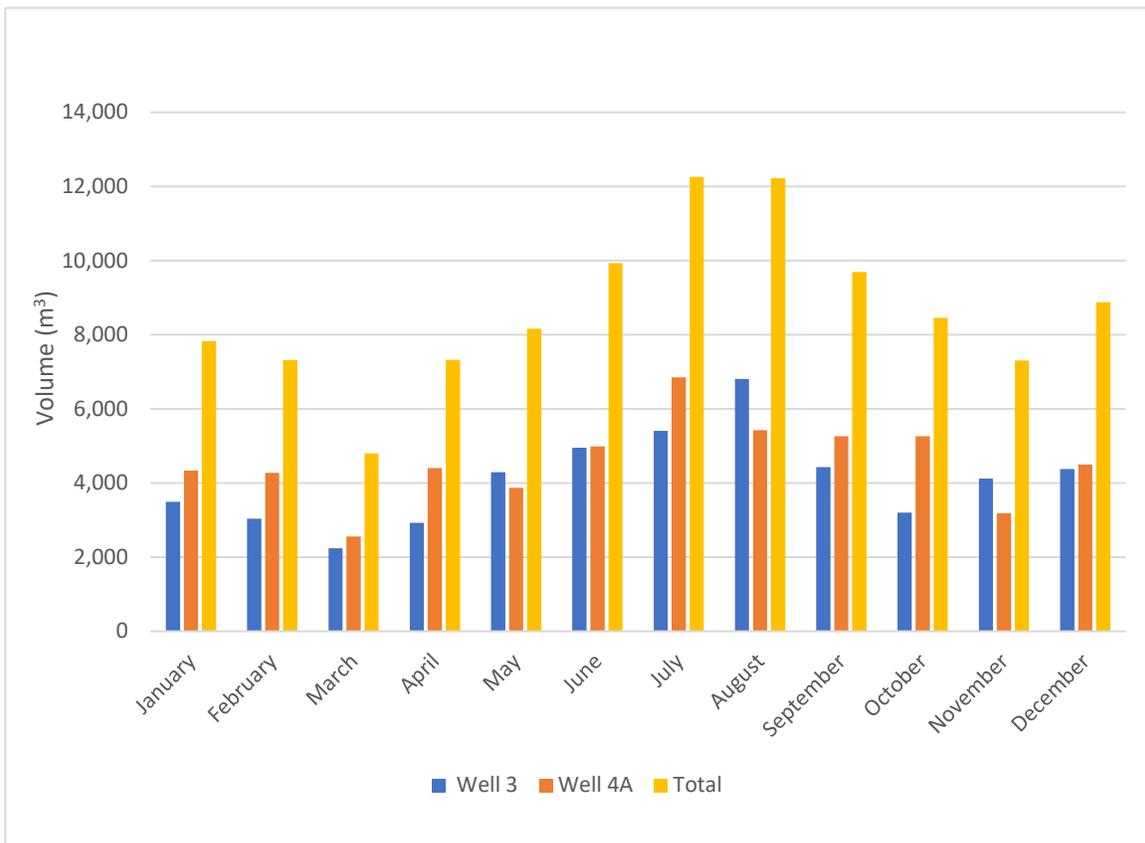


**Table 9. 2025 Alton total monthly raw water volumes**

Month	Volume (m <sup>3</sup> )		
	Alton Well 3	Alton Well 4A	Monthly Total
January	3,491.24	4,333.24	7,824.48
February	3,034.65	4,276.40	7,311.05
March	2,242.39	2,557.96	4,800.35
April	2,924.09	4,401.25	7,325.34
May	4,291.49	3,869.19	8,160.68
June	4,949.11	4,984.83	9,933.94
July	5,404.81	6,850.39	12,255.20
August	6,805.14	5,420.43	12,225.57
September	4,431.77	5,261.58	9,693.35
October	3,198.79	5,257.30	8,456.09
November	4,118.14	3,186.05	7,304.19
December	4,380.80	4,498.86	8,879.66
<b>Annual Total</b>	<b>49,272.42</b>	<b>54,897.48</b>	<b>104,169.90</b>

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 3. 2025 Alton total monthly raw water volumes**

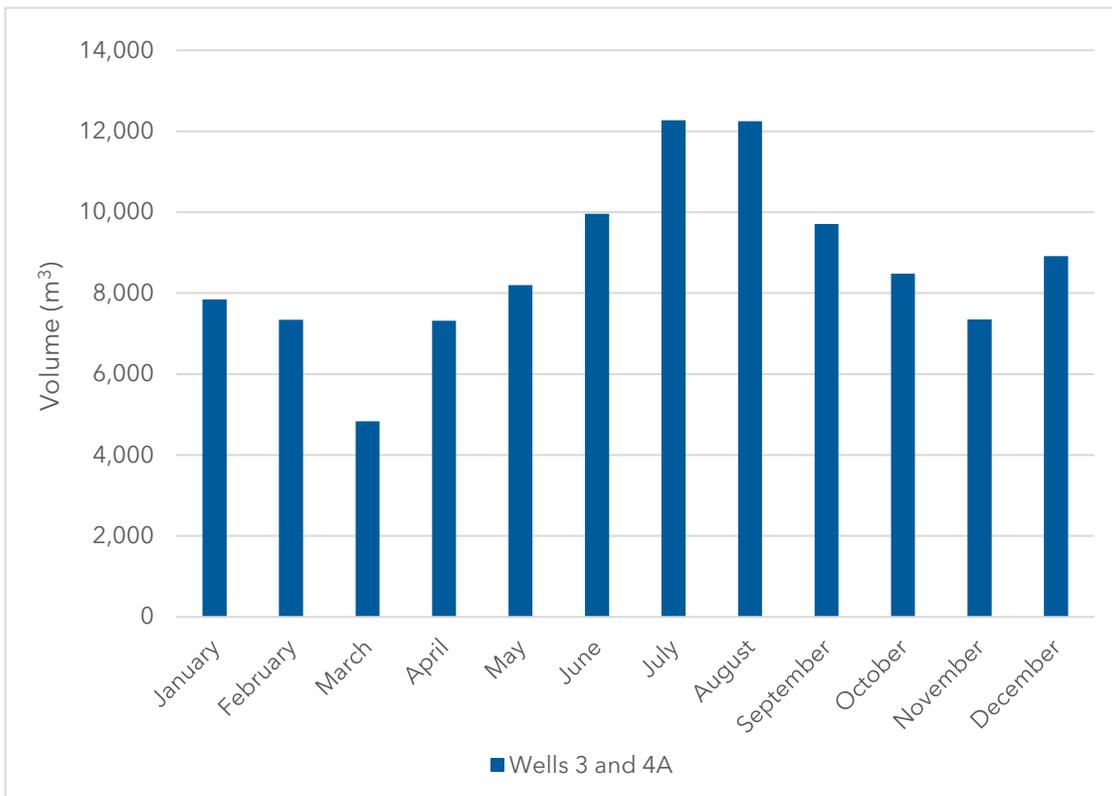


**Table 10. 2025 Alton total monthly treated water volumes**

Month	Volume (m <sup>3</sup> )
	Alton Wells 3 and 4A
January	7,845.23
February	7,341.71
March	4,835.02
April	7,316.19
May	8,198.55
June	9,959.45
July	12,273.65
August	12,246.89
September	9,711.41
October	8,481.92
November	7,351.69
December	8,913.58
<b>Annual Total</b>	<b>104,475.29<sup>6</sup></b>

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 4. 2025 Alton total monthly treated water volumes**



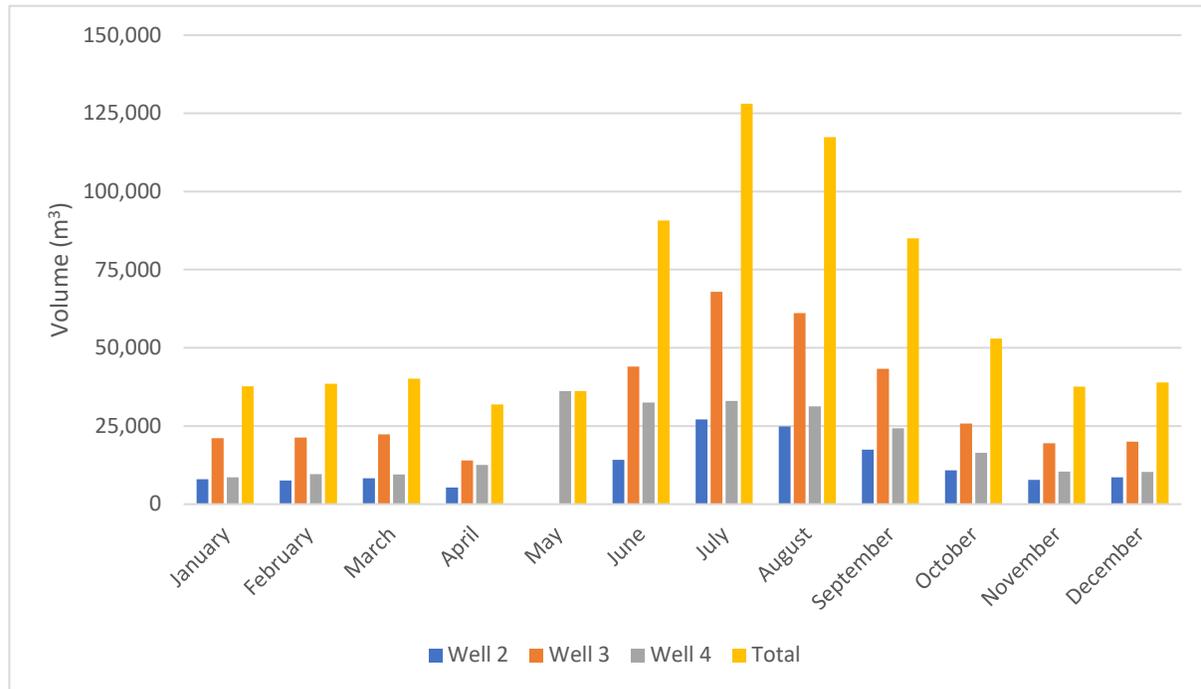
<sup>6</sup> Alton Wells 3 and 4A raw to treated water variance volume was 0.29% due to variation in flow meter accuracies

**Table 11. 2025 Palgrave total monthly raw water volumes**

Month	Volume (m <sup>3</sup> )			
	Palgrave Well 2	Palgrave Well 3	Palgrave Well 4	Monthly Total
January	8,024.88	21,103.84	8,574.36	37,703.08
February	7,566.08	21,354.35	9,629.66	38,550.09
March	8,310.84	22,285.75	9,537.62	40,134.21
April	5,316.50	14,000.39	12,533.41	31,850.30
May	0.00 <sup>7</sup>	0.00 <sup>7</sup>	36,187.34	36,187.34
June	14,235.86	44,020.64	32,488.30	90,744.80
July	27,130.39	67,878.64	33,057.75	128,066.78
August	24,887.57	61,148.35	31,320.85	117,356.77
September	17,474.66	43,255.76	24,255.36	84,985.78
October	10,782.80	25,749.24	16,410.60	52,942.64
November	7,792.06	19,432.02	10,393.92	37,618.00
December	8,573.79	20,008.88	10,288.37	38,871.04
<b>Annual Total</b>	<b>140,095.43</b>	<b>360,237.86</b>	<b>234,677.54</b>	<b>735,010.83</b>

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 5. 2025 Palgrave total monthly raw water volumes**



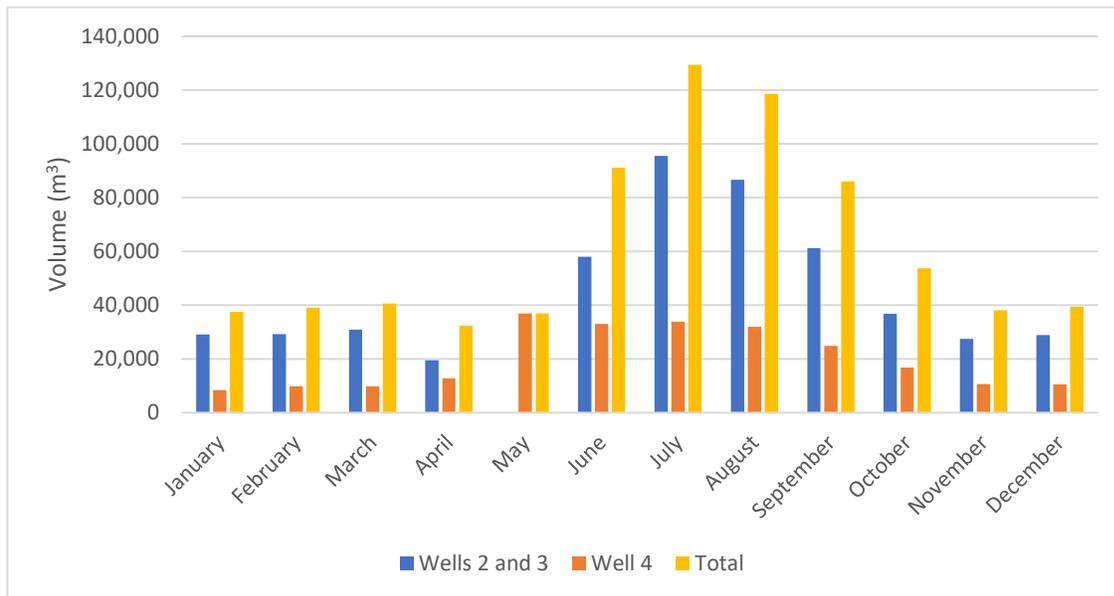
<sup>7</sup> Palgrave Wells 2 and 3 were offline for maintenance April 22 to June 6, 2025

**Table 12. 2025 Palgrave total monthly treated water volumes**

Month	Volume (m <sup>3</sup> )		
	Palgrave Wells 2 and 3	Palgrave Well 4	Monthly Total
January	29,172.19	8,395.05	37,567.24
February	29,189.23	9,867.55	39,056.78
March	30,849.39	9,767.38	40,616.77
April	19,505.49 <sup>8</sup>	12,798.31	32,303.80
May	0.00 <sup>8</sup>	36,945.14	36,945.14
June	58,049.02 <sup>8</sup>	33,058.82	91,107.84
July	95,521.79	33,878.13	129,399.92
August	86,646.66	32,006.12	118,652.78
September	61,198.55	24,855.67	86,054.22
October	36,857.53	16,858.03	53,715.56
November	27,419.42	10,648.61	38,068.03
December	28,856.93	10,531.01	39,387.94
<b>Annual Total</b>	<b>503,266.20</b>	<b>239,609.82</b>	<b>742,876.02<sup>9</sup></b>

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 6. 2025 Palgrave total monthly treated water volumes**



<sup>8</sup> Palgrave Wells 2 and 3 offline for maintenance April 22 to June 6, 2026

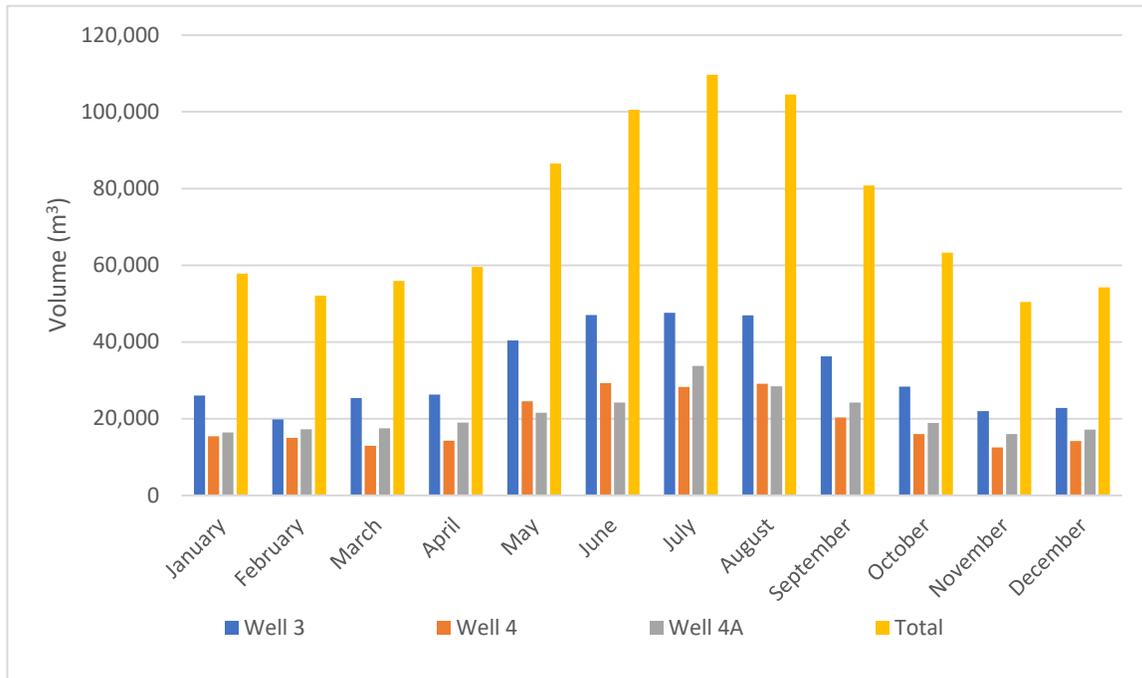
<sup>9</sup> Palgrave Wells 2, 3 and 4 raw to treated water variance volume was 1.06% due to backwash rinse cycle.

**Table 13. 2025 Caledon East total monthly raw water volumes**

Month	Volume (m <sup>3</sup> )			
	Caledon East Well 3	Caledon East Well 4	Caledon East Well 4A	Monthly Total
January	26,031.81	15,424.98	16,399.52	57,856.31
February	19,818.35	15,008.31	17,269.37	52,096.03
March	25,396.08	12,957.32	17,518.48	55,871.88
April	26,258.72	14,263.65	19,032.67	59,555.04
May	40,432.71	24,531.94	21,526.66	86,491.31
June	47,019.73	29,312.93	24,185.74	100,518.40
July	47,583.35	28,313.95	33,763.97	109,661.27
August	46,960.53	29,119.03	28,456.45	104,536.01
September	36,251.75	20,309.40	24,259.43	80,820.58
October	28,403.60	15,976.37	18,902.84	63,282.81
November	21,976.78	12,489.61	15,977.16	50,443.55
December	22,821.86	14,205.53	17,196.86	54,224.25
<b>Annual Total</b>	<b>388,955.27</b>	<b>231,913.02</b>	<b>254,489.15</b>	<b>875,357.44</b>

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 7. 2025 Caledon East total monthly raw water volumes**

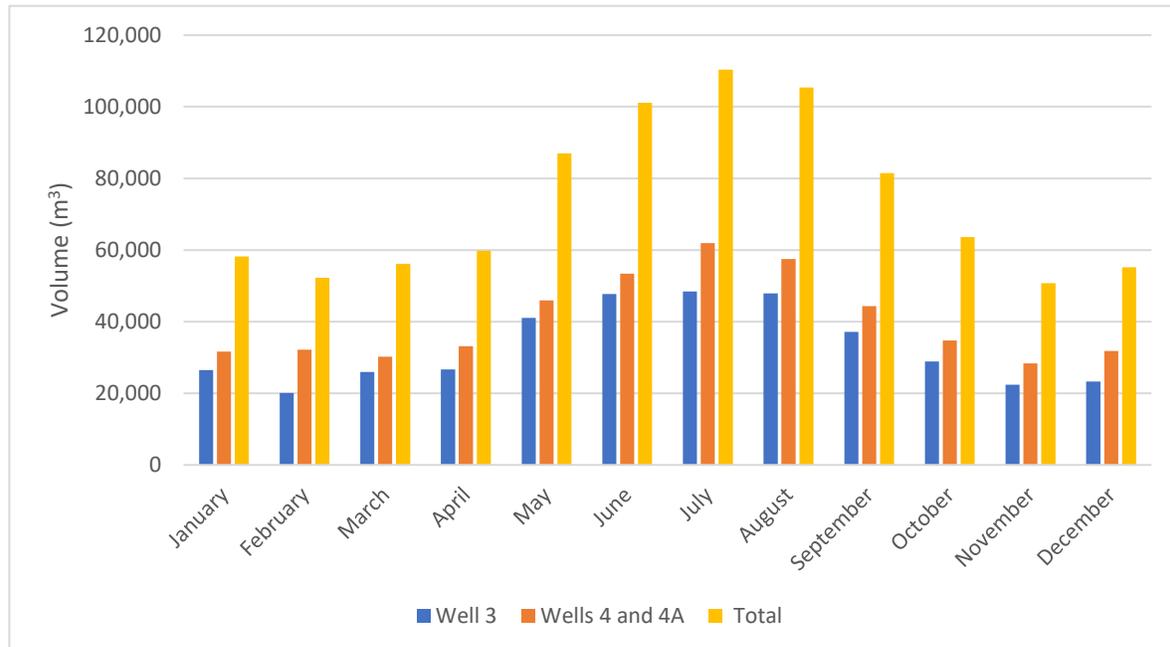


**Table 14. 2025 Caledon East total monthly treated water**

Month	Volume (m <sup>3</sup> )		
	Caledon East Well 3	Caledon East Wells 4 and 4A	Monthly Total
January	26,517.61	31,680.86	58,198.47
February	20,113.98	32,127.38	52,241.36
March	25,960.03	30,200.10	56,160.13
April	26,633.77	33,124.78	59,758.55
May	41,013.96	45,936.87	86,950.83
June	47,717.33	53,415.77	101,133.10
July	48,402.53	61,938.12	110,340.65
August	47,895.36	57,482.43	105,377.79
September	37,158.31	44,360.96	81,519.27
October	28,906.89	34,749.70	63,656.59
November	22,418.98	28,325.81	50,744.79
December	23,281.05	31,857.73	55,138.78
<b>Annual Total</b>	<b>396,019.80</b>	<b>485,200.51</b>	<b>881,220.31<sup>10</sup></b>

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 8. 2025 Caledon East total monthly treated water**



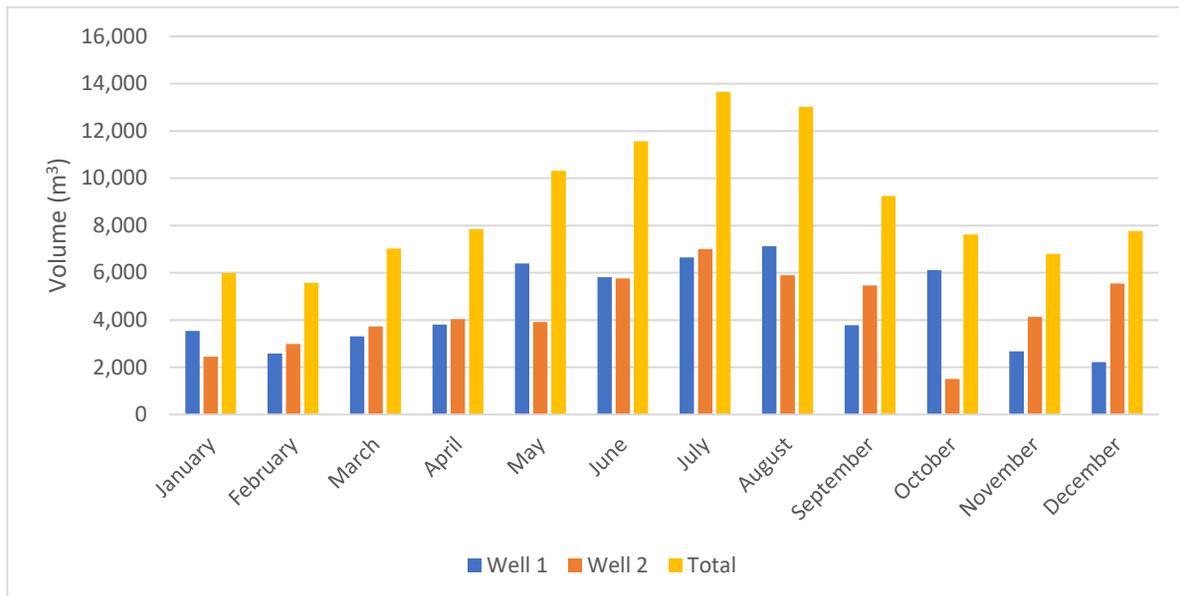
<sup>10</sup> Caledon East Well 4 and 4A raw to treated water variance volume was 0.67% due to backwash rinse cycle.

**Table 15. 2025 Cheltenham total monthly raw water volumes**

Month	Volume (m <sup>3</sup> )		
	Cheltenham Well 1	Cheltenham Well 2	Monthly Total
January	3,532.13	2,453.96	5,986.09
February	2,582.20	2,985.70	5,567.90
March	3,304.03	3,725.39	7,029.42
April	3,811.51	4,035.65	7,847.16
May	6,398.48	3,908.96	10,307.44
June	5,811.34	5,755.15	11,566.49
July	6,650.04	7,001.44	13,651.48
August	7,121.45	5,897.66	13,019.11
September	3,784.00	5,466.06 <sup>11</sup>	9,250.06
October	6,103.52	1,511.59 <sup>11</sup>	7,615.11
November	2,673.89 <sup>12</sup>	4,123.95	6,797.84
December	2,218.60 <sup>12</sup>	5,547.17	7,765.77
<b>Annual Total</b>	<b>53,991.19</b>	<b>52,412.68</b>	<b>106,403.87</b>

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 9. 2025 Cheltenham total monthly raw water**



<sup>11</sup> Cheltenham Well 2 was offline for planned maintenance from September 20 to October 21, 2025

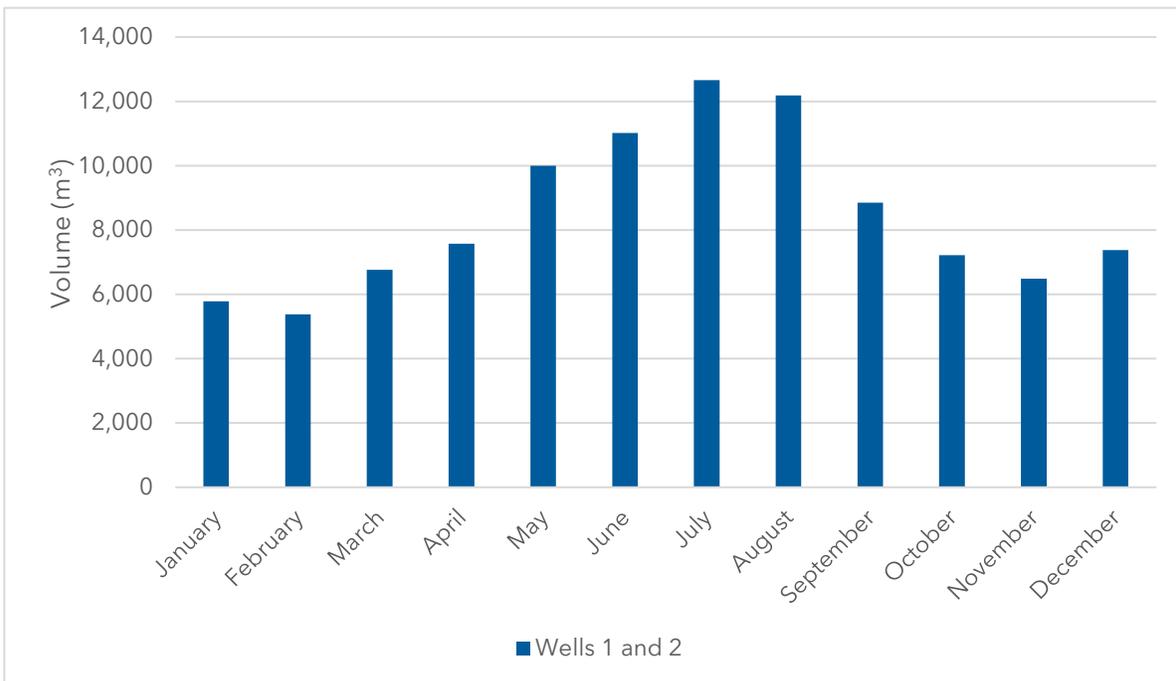
<sup>12</sup> Cheltenham Well 1 was offline for planned maintenance from November 22 to December 16, 2025

**Table 16. 2025 Cheltenham total monthly treated water volume**

Month	Volume (m <sup>3</sup> )
	Cheltenham Wells 1 and 2
January	5,780.58
February	5,379.64
March	6,763.93
April	7,573.52
May	9,999.32
June	11,015.86
July	12,663.27
August	12,186.47
September	8,854.25 <sup>13</sup>
October	7,214.68 <sup>13</sup>
November	6,485.70 <sup>14</sup>
December	7,378.50 <sup>14</sup>
<b>Annual Total</b>	<b>101,295.72</b>

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 10. 2025 Cheltenham total monthly treated water volumes**



<sup>13</sup> Cheltenham Well 2 was offline for planned maintenance from September 20 to October 21, 2025

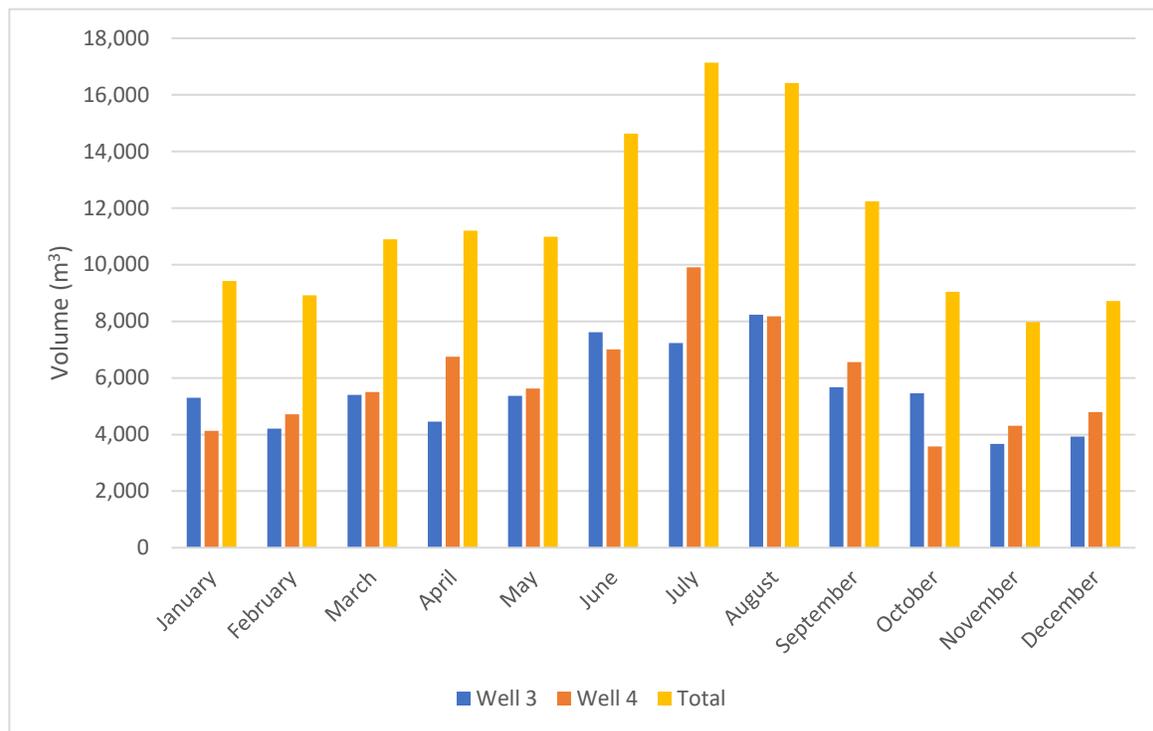
<sup>14</sup> Cheltenham Well 1 was offline for planned maintenance from November 22 to December 16, 2025

**Table 17. 2025 Inglewood total monthly raw water volumes**

Month	Volume (m <sup>3</sup> )		
	Inglewood Well 3	Inglewood Well 4	Monthly Total
January	5,295.01	4,134.91	9,429.92
February	4,206.43	4,708.97	8,915.40
March	5,397.13	5,501.35	10,898.48
April	4,458.61	6,748.67	11,207.28
May	5,368.34	5,620.79	10,989.13
June	7,620.83	7,009.96	14,630.79
July	7,233.15	9,905.16	17,138.31
August	8,239.00	8,179.86	16,418.86
September	5,669.59	6,564.25	12,233.84
October	5,460.18	3,578.91	9,039.09
November	3,667.10	4,313.07	7,980.17
December	3,922.39	4,791.72	8,714.11
<b>Annual Total</b>	<b>66,537.76</b>	<b>71,057.62</b>	<b>137,595.38</b>

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 11. 2025 Inglewood total monthly raw water volumes**

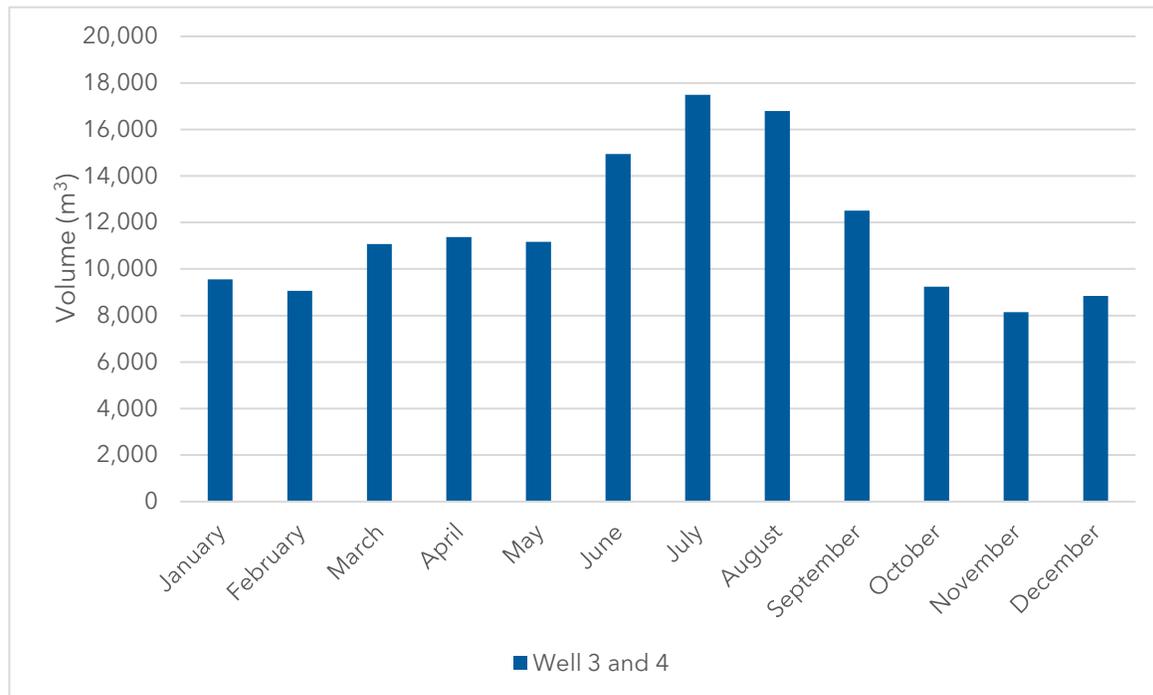


**Table 18. 2025 Inglewood total monthly treated water volumes**

Month	Volume (m <sup>3</sup> )
	Inglewood Wells 3 and 4
January	9,560.95
February	9,060.58
March	11,078.17
April	11,376.56
May	11,175.70
June	14,950.66
July	17,496.34
August	16,793.66
September	12,511.81
October	9,241.59
November	8,150.78
December	8,846.60
<b>Annual Total</b>	<b>140,243.40<sup>15</sup></b>

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 12. 2025 Inglewood total monthly treated water**



<sup>15</sup> Inglewood Well 3 and 4 raw to treated water variance volume was 1.89% due to backwash rinse cycle.

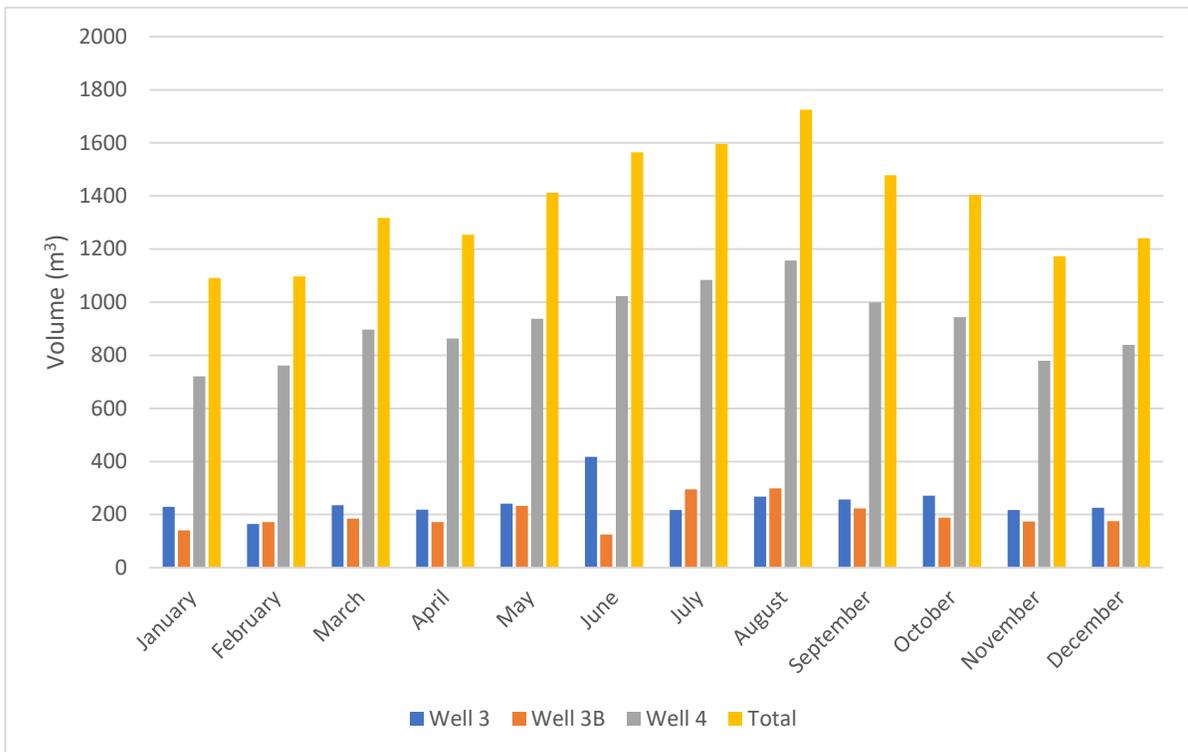
### 4.1.2 Average daily production

**Table 19. 2025 Caledon Village average daily raw water production**

Month	Volume (m <sup>3</sup> )			
	Caledon Village Well 3	Caledon Village Well 3B	Caledon Village Well 4	Combined Daily Average
January	229.14	140.4	721.13	1,090.67
February	164.12	171.55	761.82	1,097.49
March	235.27	185.52	896.98	1,317.77
April	218.48	172.16	863.13	1,253.76
May	241.21	233.3	938.23	1,412.75
June	417.51	124.58	1,022.44	1,564.54
July	217.77	294.78	1,083.60	1,596.15
August	267.91	299.28	1,157.53	1,724.72
September	256.91	223.20	998.28	1,478.39
October	271.54	188.90	943.25	1,403.68
November	217.93	174.77	779.37	1,172.07
December	225.89	175.79	839.48	1,241.16

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 13. 2025 Caledon Village average daily raw water production**

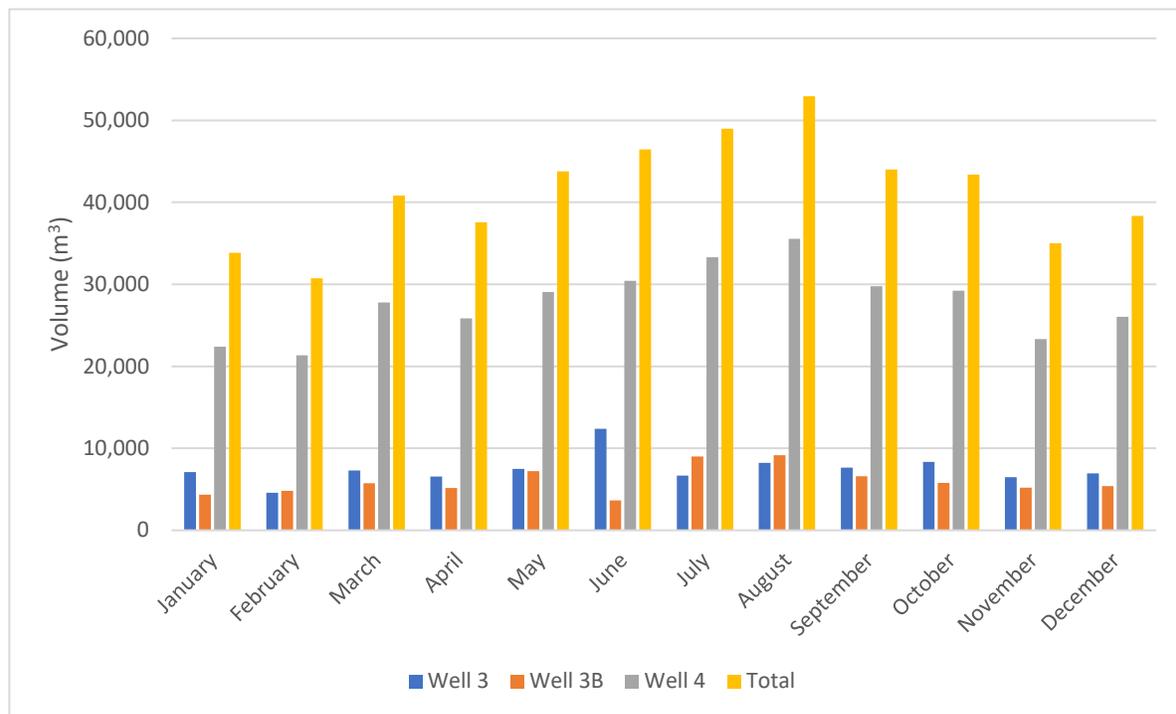


**Table 20. 2025 Caledon Village average daily treated water**

Month	Production (m <sup>3</sup> /day)			
	Caledon Village Wells 3	Caledon Village Well 3B	Caledon Village Well 4	Combined Daily Average
January	229.14	140.40	722.31	1091.84
February	164.12	171.55	762.54	1098.21
March	235.27	185.52	896.48	1317.27
April	218.48	172.16	861.94	1252.58
May	241.21	233.30	937.89	1412.40
June	413.13	121.44	1,014.07	1548.65
July	214.85	290.98	1,073.73	1579.56
August	265.77	295.51	1,147.06	1708.34
September	254.87	220.32	992.41	1467.60
October	269.36	186.51	943.31	1399.18
November	216.21	172.70	778.14	1167.05
December	223.94	173.65	839.57	1237.15

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 14. 2025 Caledon Village average daily treated water**

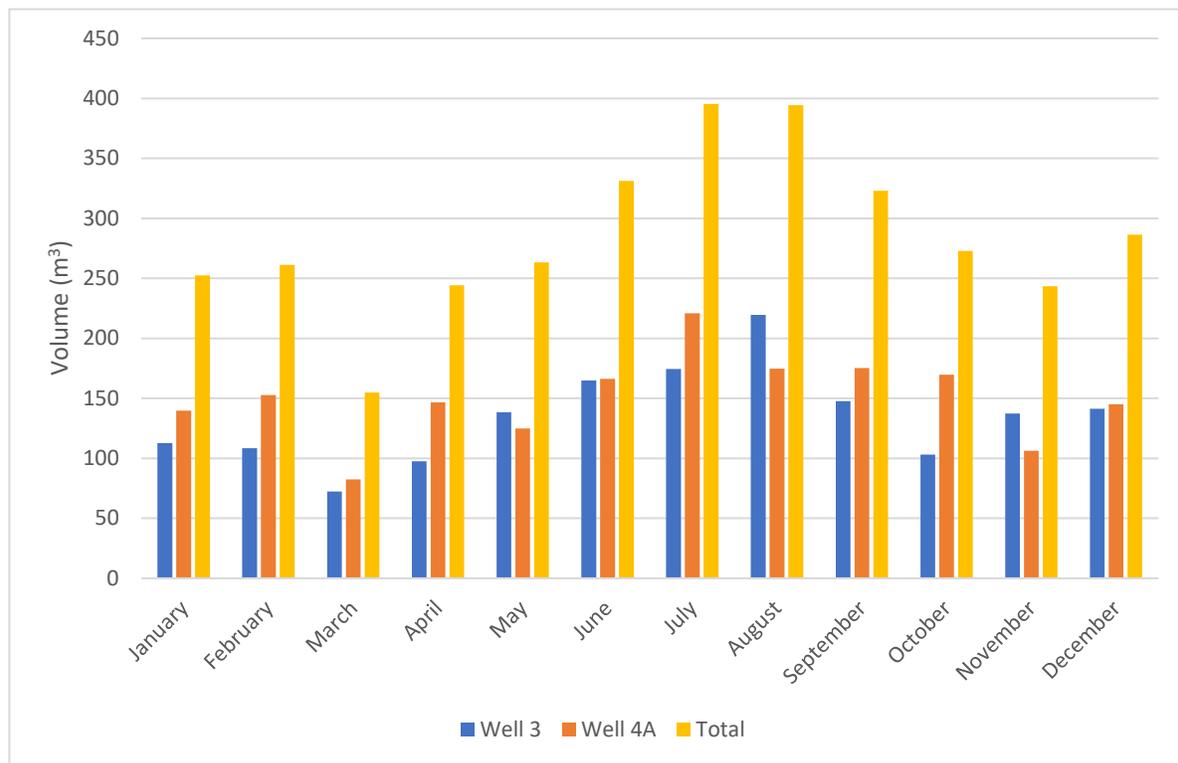


**Table 21. 2025 Alton average daily raw water production**

Month	Production (m <sup>3</sup> /day)		
	Alton Well 3	Alton Well 4A	Combined Daily Average
January	112.62	139.78	252.40
February	108.38	152.73	261.11
March	72.34	82.51	154.85
April	97.47	146.71	244.18
May	138.44	124.81	263.25
June	164.97	166.16	331.13
July	174.35	220.98	395.33
August	219.52	174.85	394.37
September	147.73	175.39	323.11
October	103.19	169.59	272.78
November	137.27	106.20	243.47
December	141.32	145.12	286.44

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 15. 2025 Alton average daily raw water production**

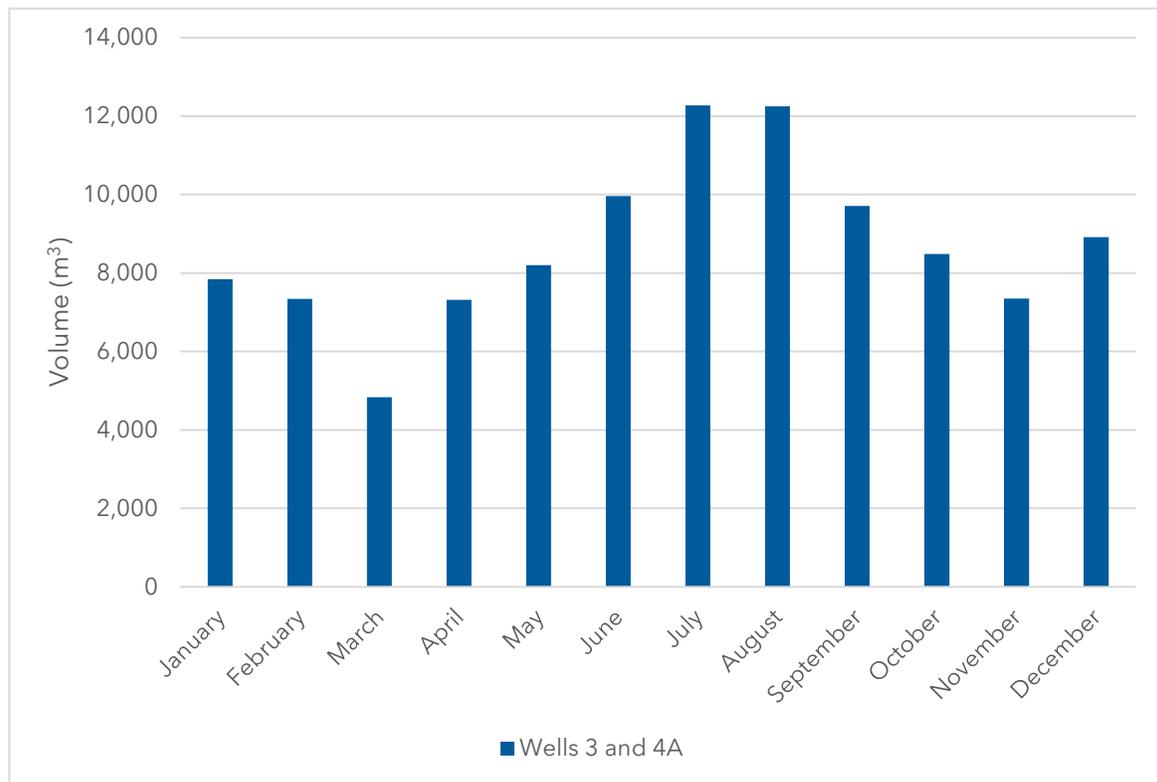


**Table 22. 2025 Alton average treated water production**

Month	Production (m <sup>3</sup> /day)
	Alton Wells 3 and 4A
January	253.07
February	262.20
March	155.97
April	243.87
May	264.47
June	331.98
July	395.92
August	395.06
September	323.71
October	273.61
November	245.06
December	287.53

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 16. 2025 Alton average treated water production**

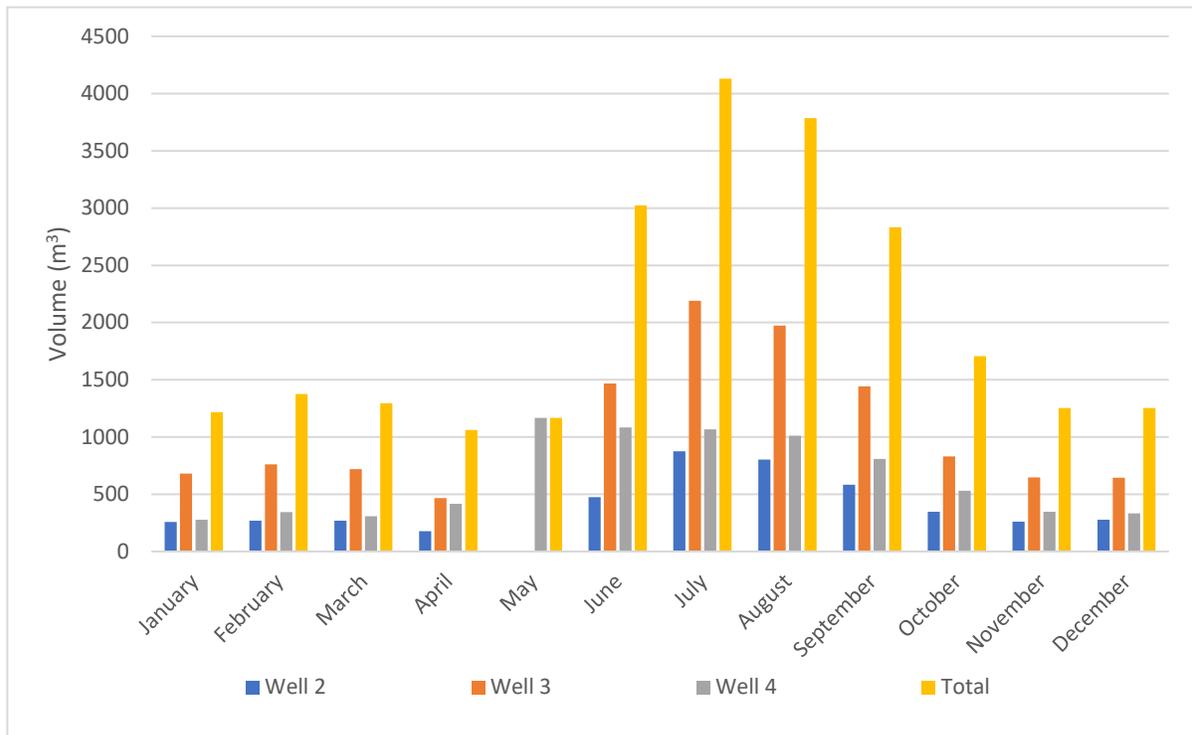


**Table 23. 2025 Palgrave average daily raw water production**

Month	Production (m <sup>3</sup> /day)			
	Palgrave Well 2	Palgrave Well 3	Palgrave Well 4	Combined Daily Average
January	258.87	680.77	276.59	1,216.23
February	270.22	762.66	343.92	1,376.79
March	268.09	718.90	307.67	1,294.65
April	177.22 <sup>16</sup>	466.68 <sup>16</sup>	417.78	1,061.68
May	0.00 <sup>16</sup>	0.00 <sup>16</sup>	1,167.33	1,167.33
June	474.53 <sup>16</sup>	1,467.35 <sup>16</sup>	1,082.94	3,024.83
July	875.17	2,189.63	1,066.38	4,131.19
August	802.82	1,972.53	1,010.35	3,785.70
September	582.49	1,441.86	808.51	2,832.86
October	347.83	830.62	529.37	1,707.83
November	259.74	647.73	346.46	1,253.93
December	276.57	645.45	331.88	1,253.90

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 17. 2025 Palgrave average daily raw water production**



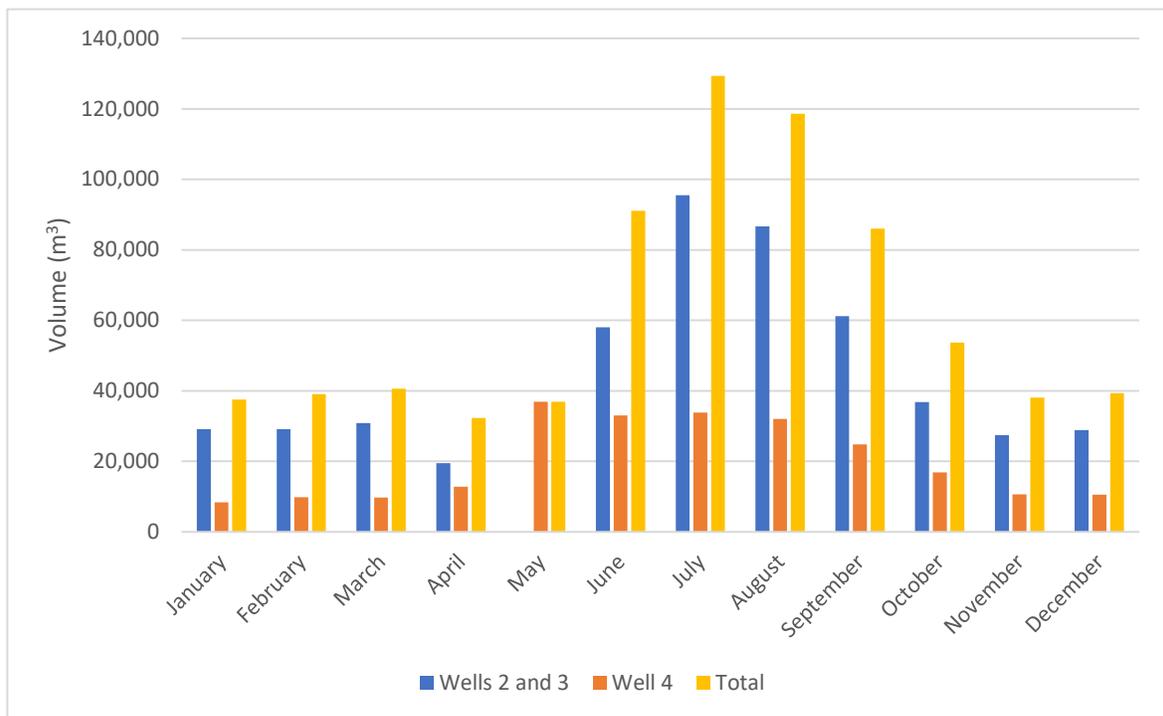
<sup>16</sup> Palgrave Wells 2 and 3 were offline for maintenance from April 22 to June 6, 2025

**Table 24. 2025 Palgrave average daily treated water production**

Month	Production (m <sup>3</sup> /day)		
	Palgrave Wells 2 and 3	Palgrave Well 4	Combined Daily Average
January	941.04	270.81	1,211.85
February	1,042.47	352.41	1,394.89
March	995.14	315.08	1,310.22
April	650.18 <sup>17</sup>	426.61	1,076.79
May	0.00 <sup>17</sup>	1,191.78	1,191.78
June	1,934.97 <sup>17</sup>	1,101.96	3,036.93
July	3,081.35	1,092.84	4,174.19
August	2,795.05	1,032.46	3,827.51
September	2,039.95	828.52	2,868.47
October	1,188.95	543.81	1,732.76
November	913.98	354.95	1,268.93
December	930.87	339.71	1,270.58

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 18. 2025 Palgrave average daily treated water production**



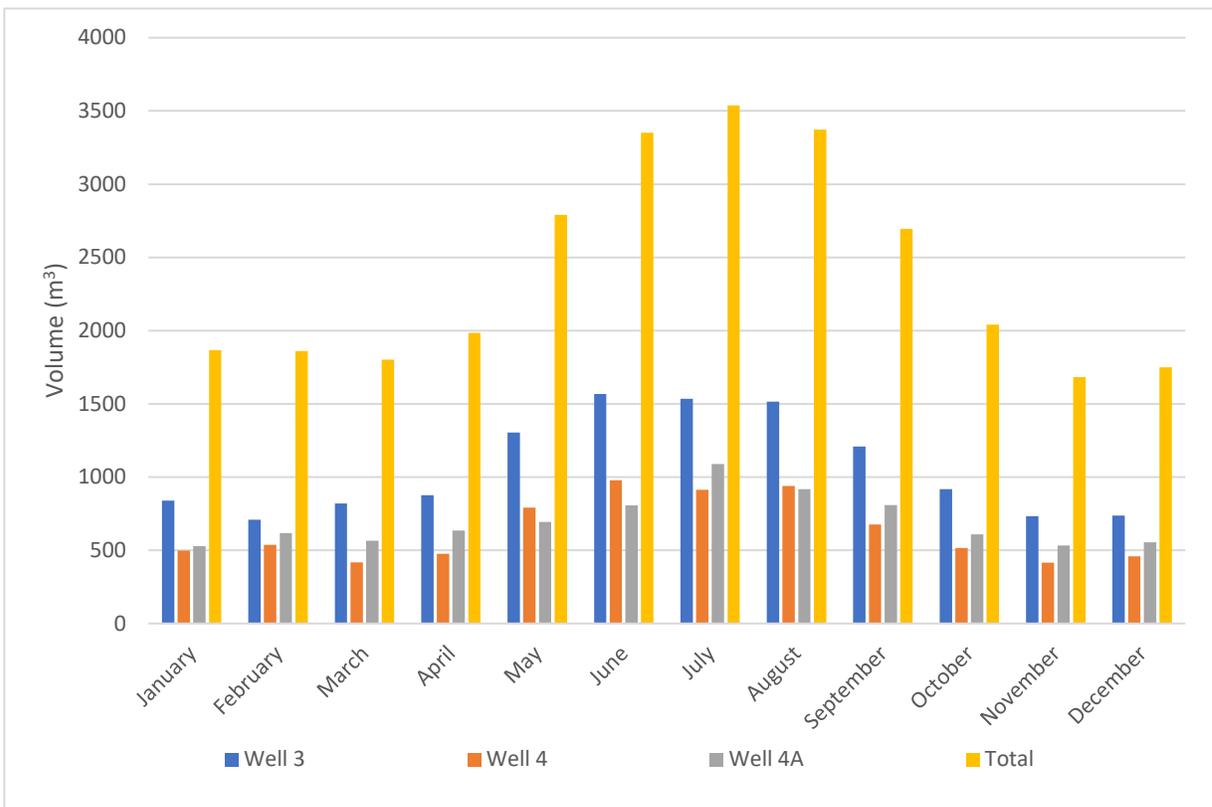
<sup>17</sup> Palgrave Wells 2 and 3 were offline for maintenance April 22 to June 6, 2025

**Table 25. 2025 Caledon East average daily raw water production**

Month	Production (m <sup>3</sup> /day)			
	Caledon East Well 3	Caledon East Well 4	Caledon East Well 4A	Combined Daily Average
January	839.74	497.58	529.02	1,866.33
February	707.80	536.01	616.76	1,860.57
March	819.23	417.98	565.11	1,802.32
April	875.29	475.46	634.42	1,985.17
May	1,304.28	791.35	694.41	2,790.04
June	1,567.32	977.10	806.19	3,350.61
July	1,534.95	913.35	1,089.16	3,537.46
August	1,514.86	939.32	917.95	3,372.13
September	1,208.39	676.98	808.65	2,694.02
October	916.25	515.37	609.77	2,041.38
November	732.56	416.32	532.57	1,681.45
December	736.19	458.24	554.74	1,749.17

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 19. 2025 Caledon East Average Daily Raw Water Production**

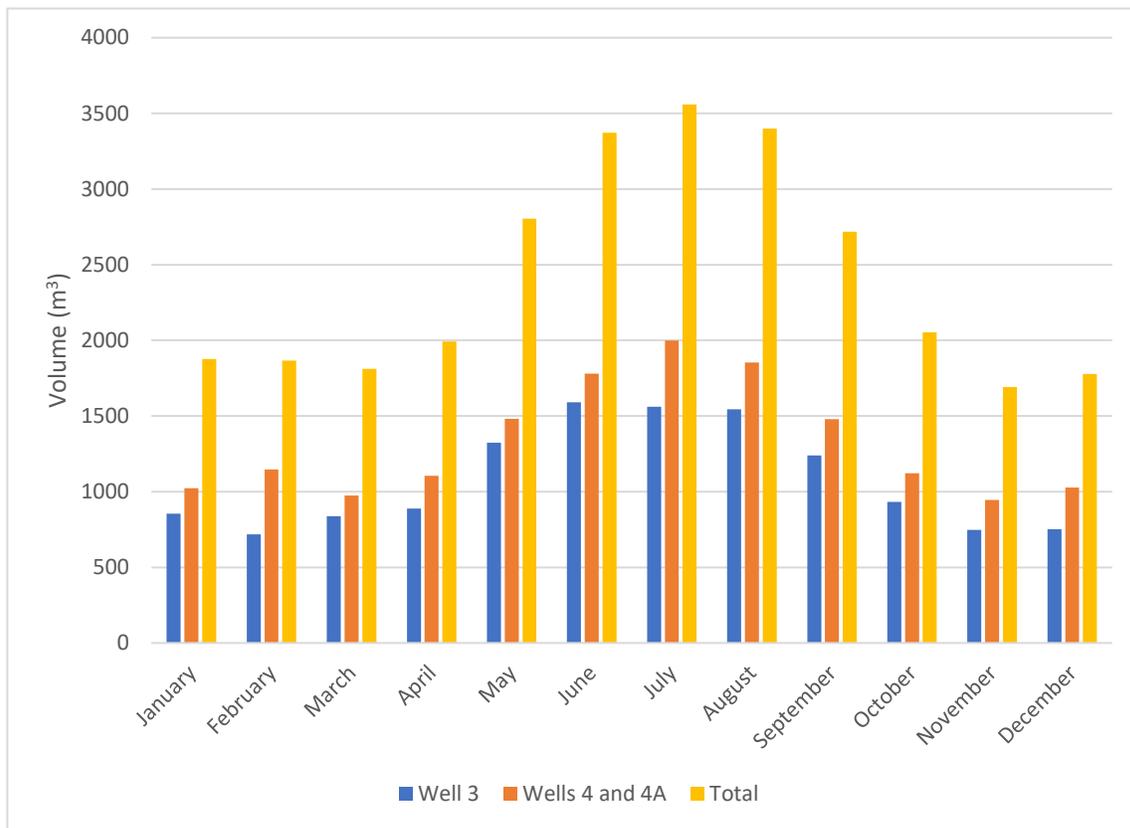


**Table 26. 2025 Caledon East average daily treated water production**

Month	Production (m <sup>3</sup> /day)		
	Caledon East Wells 3	Caledon East Wells 4 and 4A	Combined Daily Average
January	855.41	1,021.96	1,877.37
February	718.36	1,147.41	1,865.76
March	837.42	974.20	1,811.62
April	887.79	1,104.16	1,991.95
May	1,323.03	1,481.83	2,804.87
June	1,590.58	1,780.53	3,371.10
July	1,561.37	1,998.00	3,559.38
August	1,545.01	1,854.27	3,399.28
September	1,238.61	1,478.70	2,717.31
October	932.48	1,120.96	2,053.44
November	747.30	944.19	1,691.49
December	751.00	1,027.67	1,778.67

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 20. 2025 Caledon East average daily treated water production**

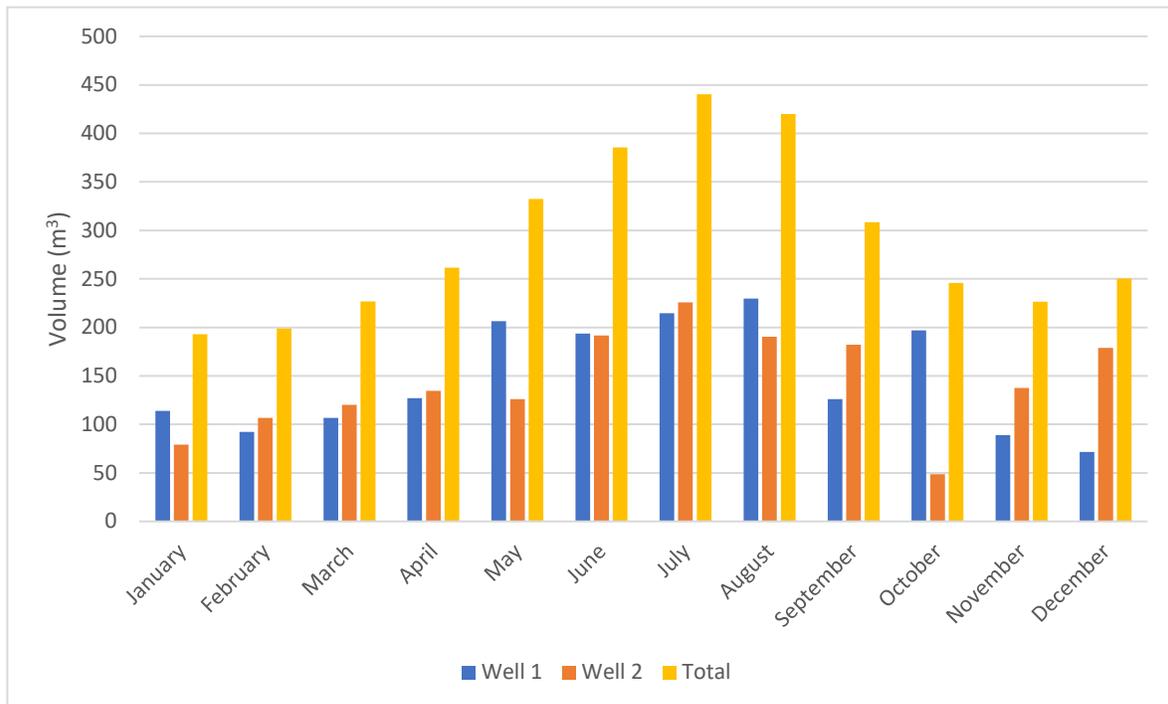


**Table 27. 2025 Cheltenham average daily raw water production**

Month	Production (m <sup>3</sup> /day)		
	Cheltenham Well 1	Cheltenham Well 2	Combined Daily Average
January	113.94	79.16	193.10
February	92.22	106.63	198.85
March	106.58	120.17	226.76
April	127.05	134.52	261.57
May	206.40	126.10	332.50
June	193.71	191.84	385.55
July	214.52	225.85	440.37
August	229.72	190.25	419.97
September	126.13	182.20 <sup>18</sup>	308.34
October	196.89	48.76 <sup>18</sup>	245.65
November	89.13 <sup>19</sup>	137.47	226.59
December	71.57 <sup>19</sup>	178.94	250.51

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 21. 2025 Cheltenham average daily raw water production**



<sup>18</sup> Cheltenham Well 2 was offline from September 30 to October 21, 2025 for maintenance

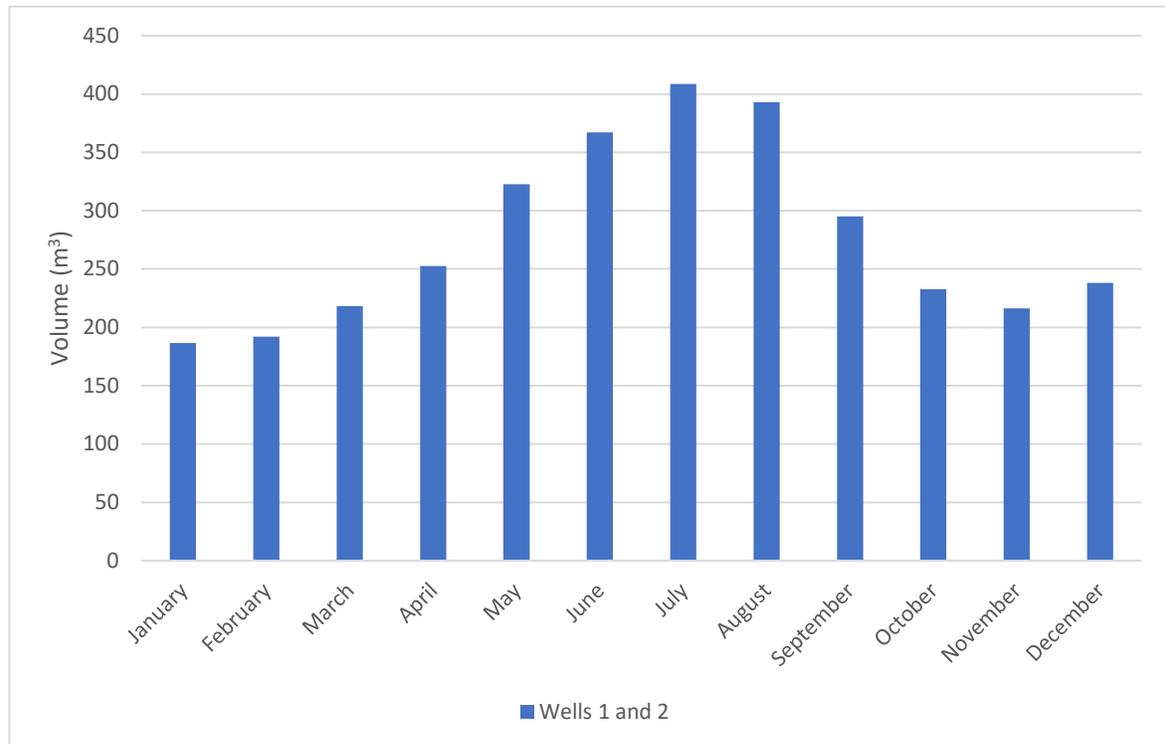
<sup>19</sup> Cheltenham Well 1 was offline from November 22 to December 16, 2025 for maintenance

**Table 28. 2025 Cheltenham average daily treated water production**

Month	Production (m <sup>3</sup> /day)
	Cheltenham Wells 1 and 2
January	186.47
February	192.13
March	218.19
April	252.45
May	322.56
June	367.20
July	408.49
August	393.11
September	295.14 <sup>20</sup>
October	232.73 <sup>20</sup>
November	216.19 <sup>21</sup>
December	238.02 <sup>21</sup>

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 22. 2025 Cheltenham average daily treated water production**



<sup>20</sup> Cheltenham Well 1 was offline from September 30 to October 21, 2025 for maintenance

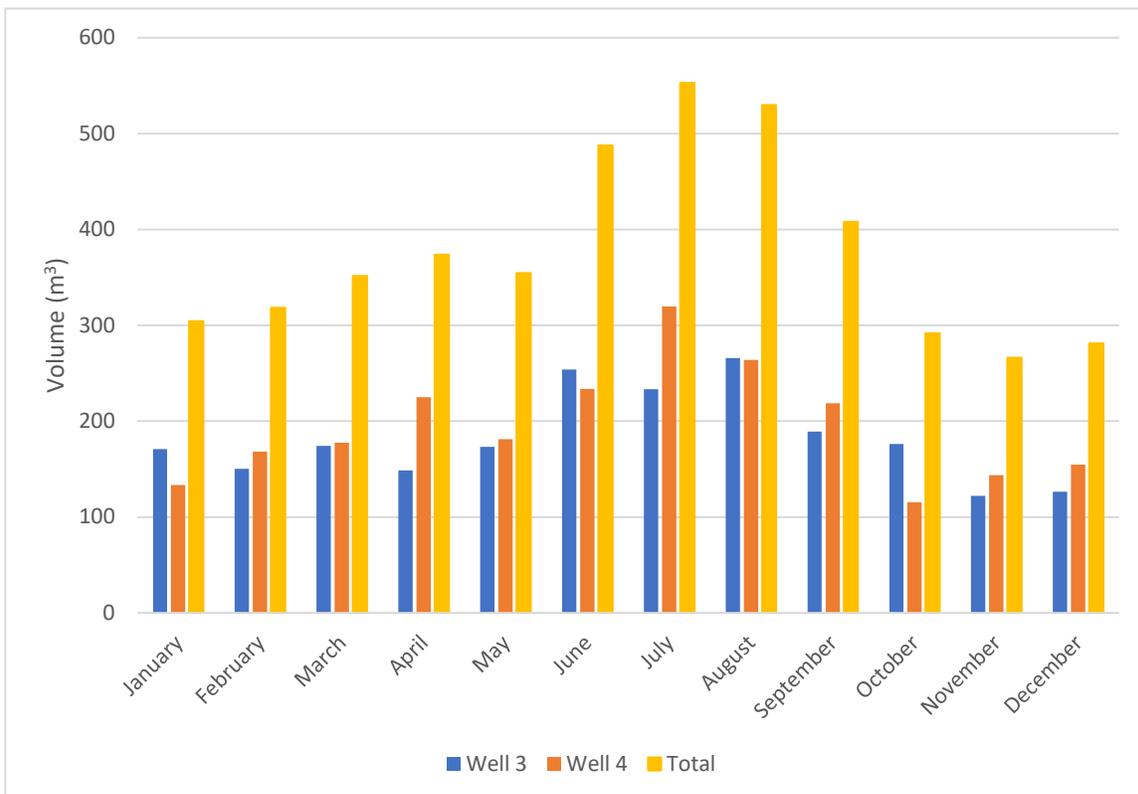
<sup>21</sup> Cheltenham Well 1 was offline from November 22 to December 16, 2025 for maintenance

**Table 29. 2025 Inglewood average daily raw water production**

Month	Production (m <sup>3</sup> /day)		
	Inglewood Well 3	Inglewood Well 4	Combined Daily Average
January	170.81	133.38	304.19
February	150.23	168.18	318.41
March	174.10	177.46	351.56
April	148.62	224.96	373.58
May	173.17	181.32	354.49
June	254.03	233.67	487.69
July	233.33	319.52	552.85
August	265.77	263.87	529.64
September	188.99	218.81	407.79
October	176.13	115.45	291.58
November	122.24	143.77	266.01
December	126.53	154.57	281.10

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 23. 2025 Inglewood average daily raw water production**

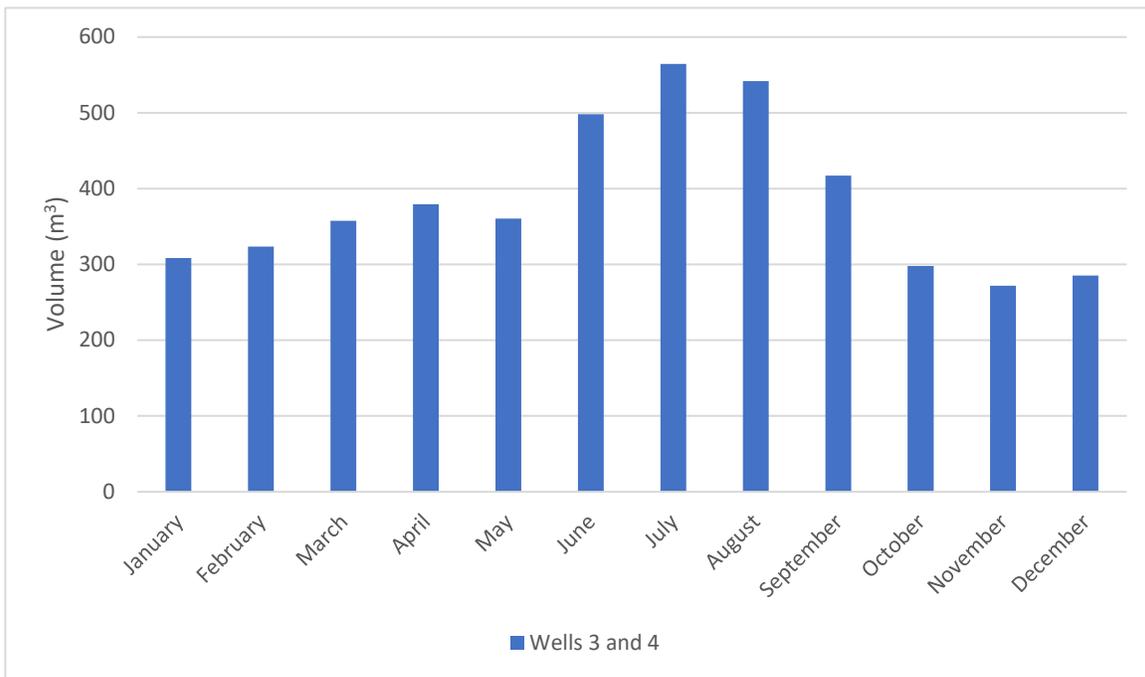


**Table 30. 2025 Inglewood average daily treated water production**

Month	Production (m <sup>3</sup> /day)
	Inglewood Well 3 and 4
January	308.42
February	323.59
March	357.36
April	379.22
May	360.51
June	498.36
July	564.40
August	541.73
September	417.06
October	298.12
November	271.69
December	285.37

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 24. 2025 Inglewood average daily treated water production**



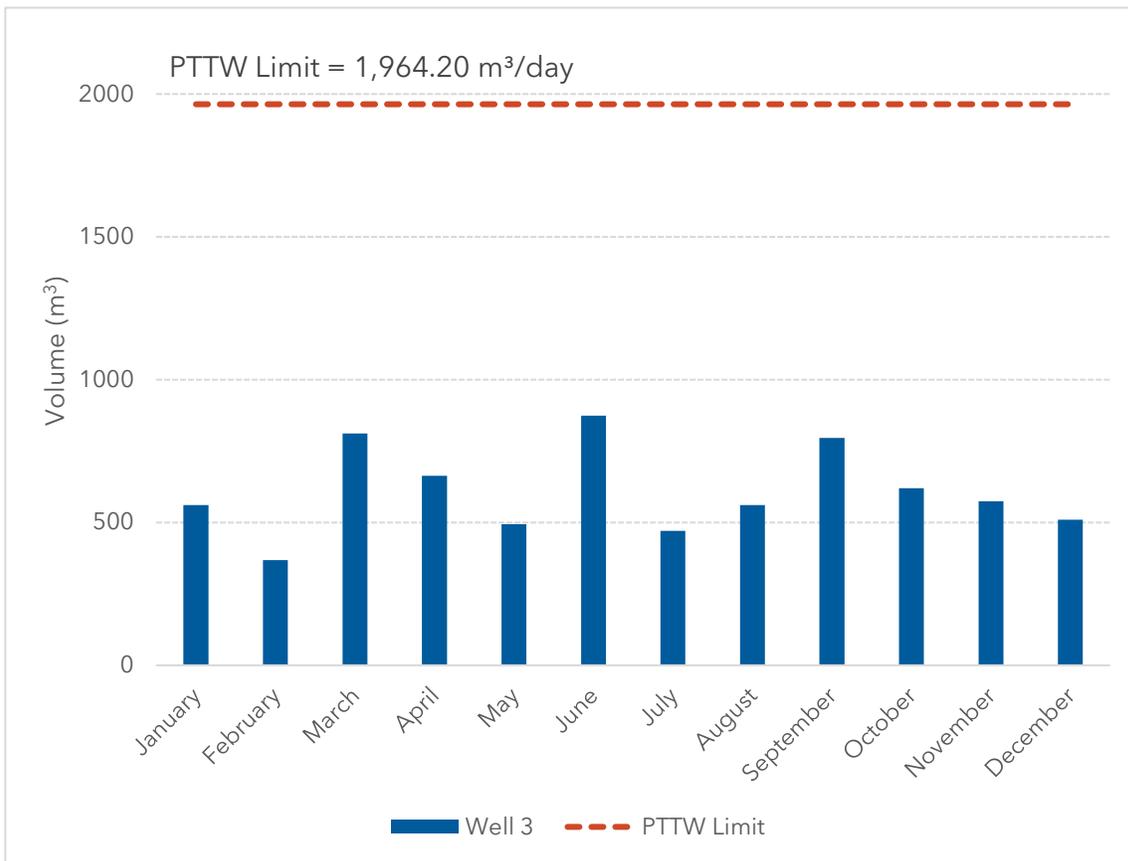
### 4.1.3 Maximum daily raw water volumes and permit to take water limits

**Table 31. 2025 Caledon Village Well 3 maximum daily raw water volumes**

Month	Volume (m <sup>3</sup> )
January	561.03
February	368.07
March	811.24
April	663.93
May	494.69
June	874.47
July	470.28
August	561.32
September	796.36
October	620.50
November	574.72
December	510.11

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 25. 2025 Caledon Village Well 3 maximum daily raw water volumes**

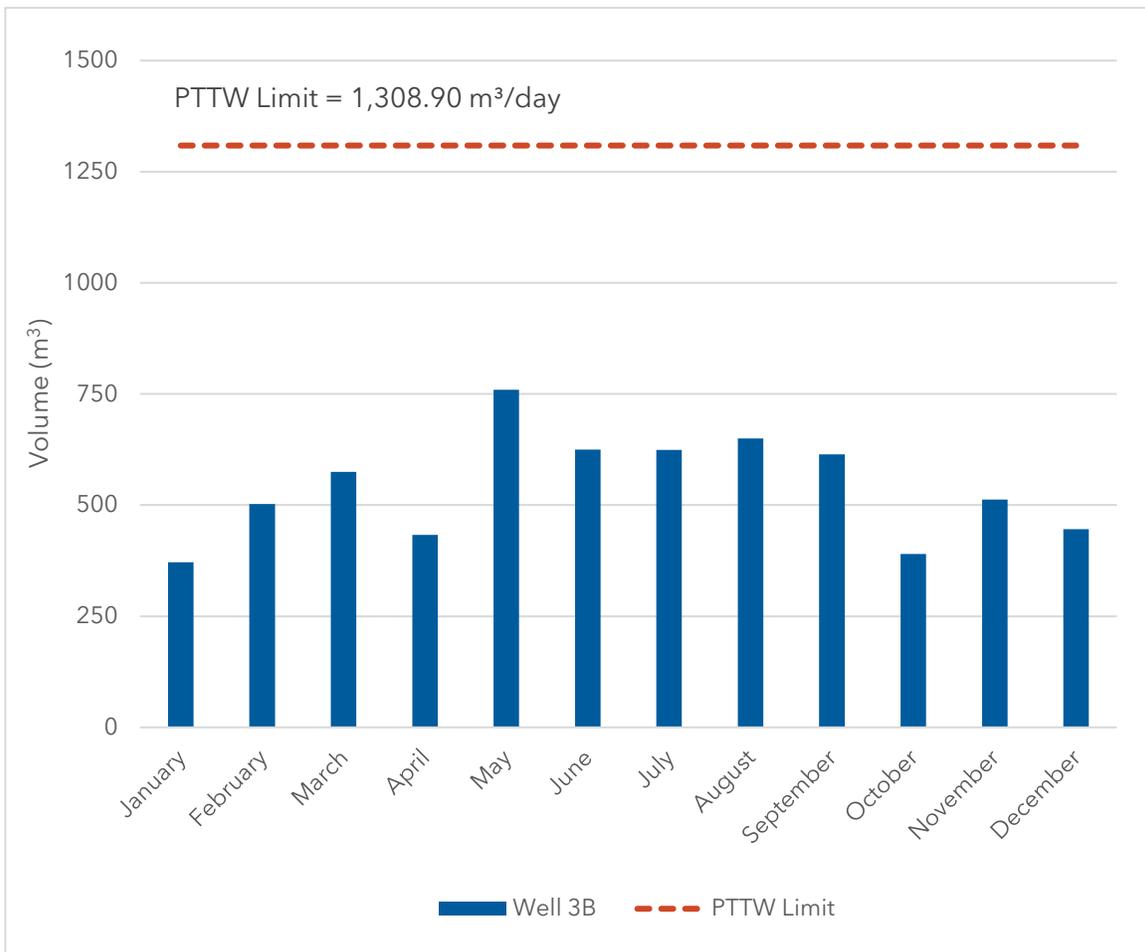


**Table 32. 2025 Caledon Village Well 3B maximum daily raw water volumes**

Month	Volume (m <sup>3</sup> )
January	371.60
February	502.67
March	574.75
April	433.29
May	759.55
June	624.82
July	624.06
August	649.58
September	613.96
October	390.35
November	512.27
December	446.23

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 26. 2025 Caledon Village Well 3B maximum daily raw water volumes**

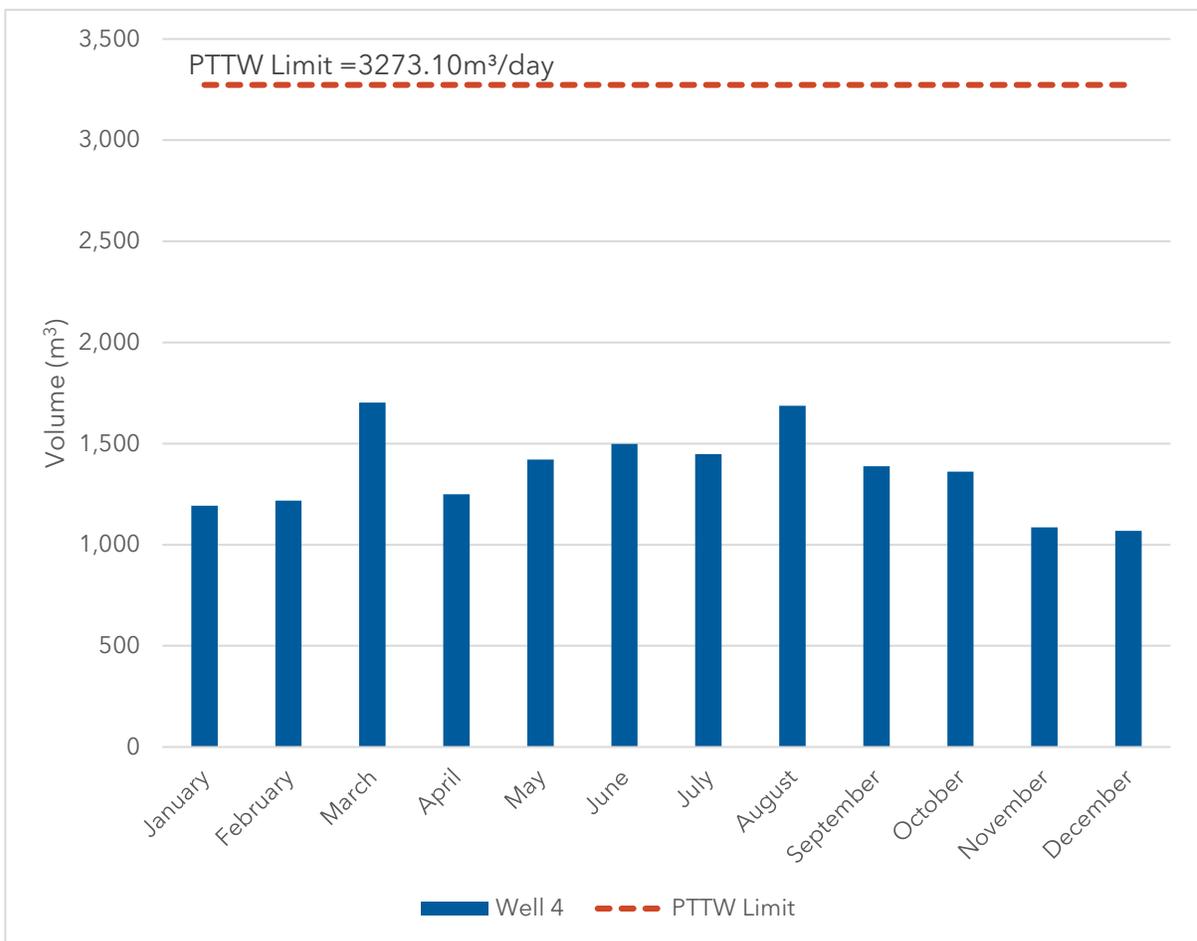


**Table 33. 2025 Caledon Village Well 4 maximum daily raw water volumes**

Month	Volume (m <sup>3</sup> )
January	1,193.59
February	1,218.21
March	1,702.11
April	1,250.26
May	1,420.77
June	1,497.89
July	1,447.70
August	1,686.54
September	1,387.48
October	1,361.80
November	1,085.43
December	1,068.83

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 27. 2025 Caledon Village Well 4 maximum daily raw water volumes**

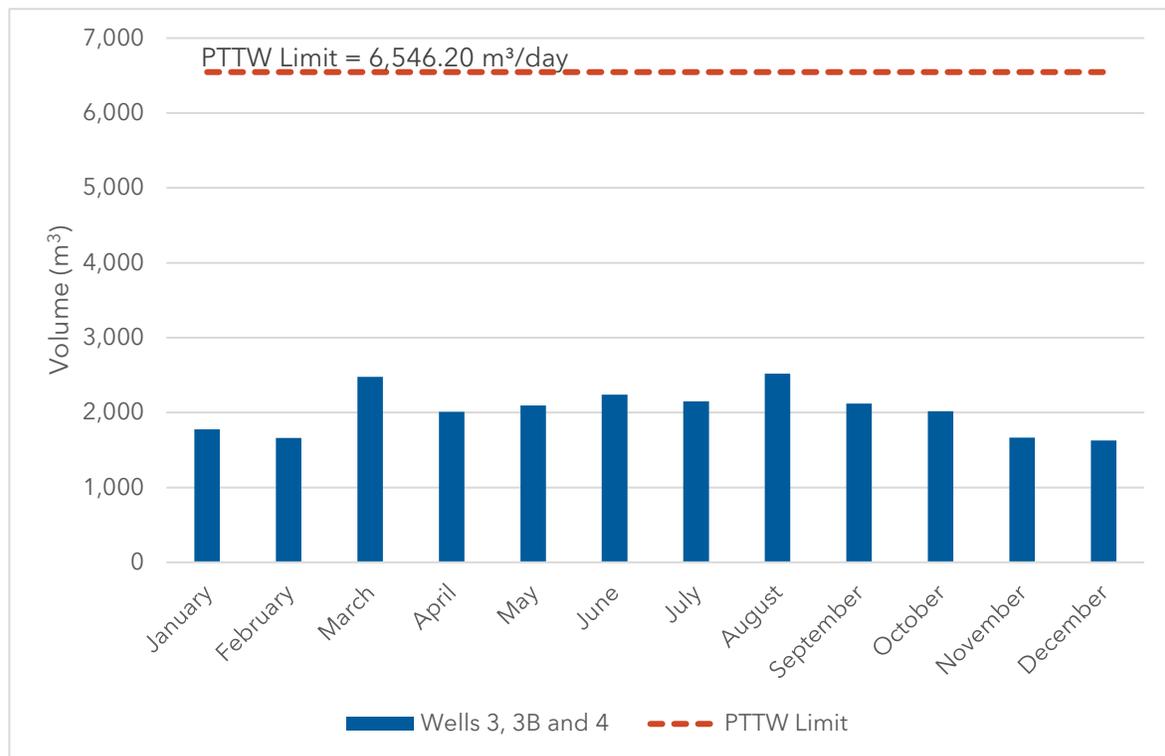


**Table 34. 2025 Caledon Village Wells 3, 3B and 4 combined maximum daily raw water volumes**

Month	Volume (m <sup>3</sup> )
January	1,774.10
February	1,661.16
March	2,475.13
April	2,010.98
May	2,096.20
June	2,237.88
July	2,149.61
August	2,519.50
September	2,119.81
October	2,015.77
November	1,665.94
December	1,625.45

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 28. 2025 Caledon Village Wells 3, 3B and 4 combined maximum daily raw water volume**

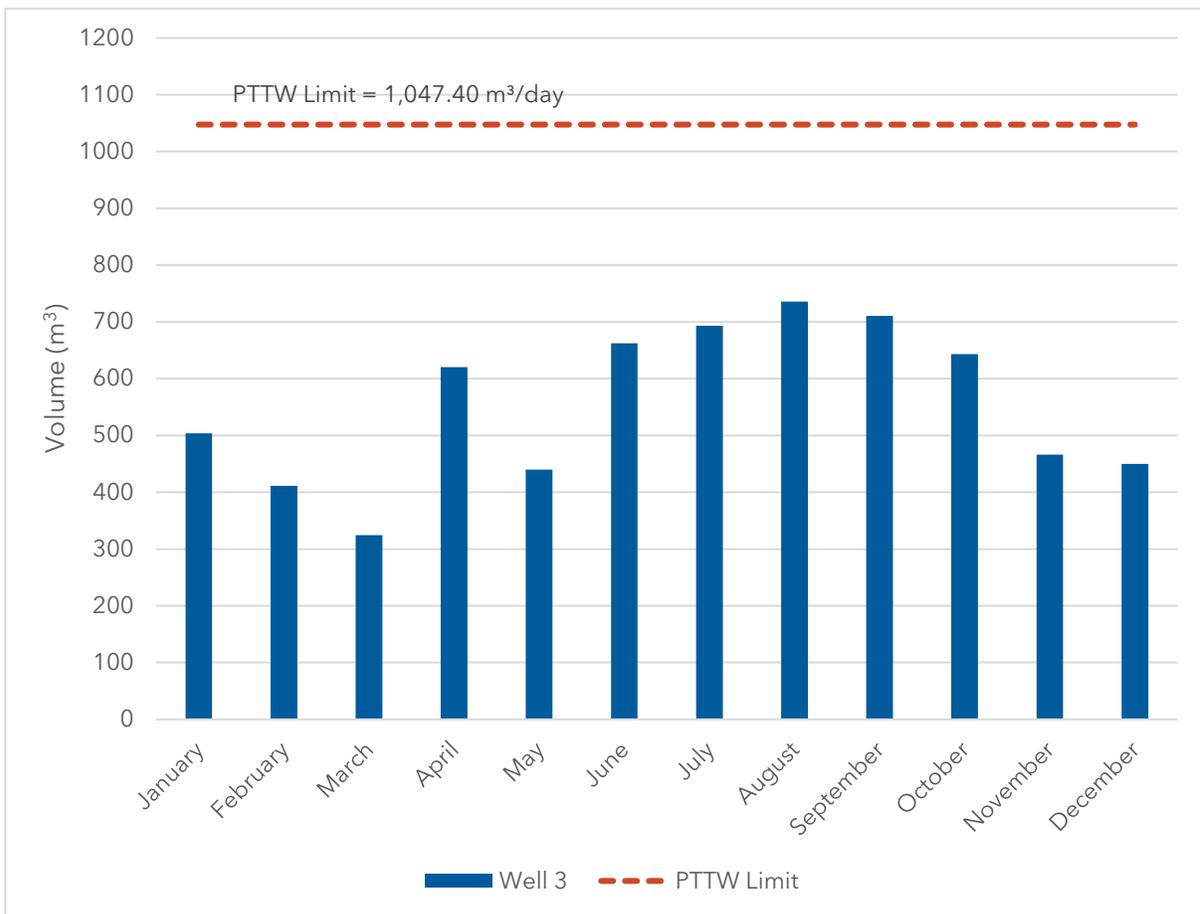


**Table 35. 2025 Alton Well 3 maximum daily raw water volumes**

Month	Volume (m <sup>3</sup> )
January	503.65
February	411.08
March	324.65
April	620.39
May	439.76
June	662.19
July	693.29
August	735.47
September	710.31
October	643.28
November	466.35
December	449.83

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 29. 2025 Alton Well 3 maximum daily raw water volumes**

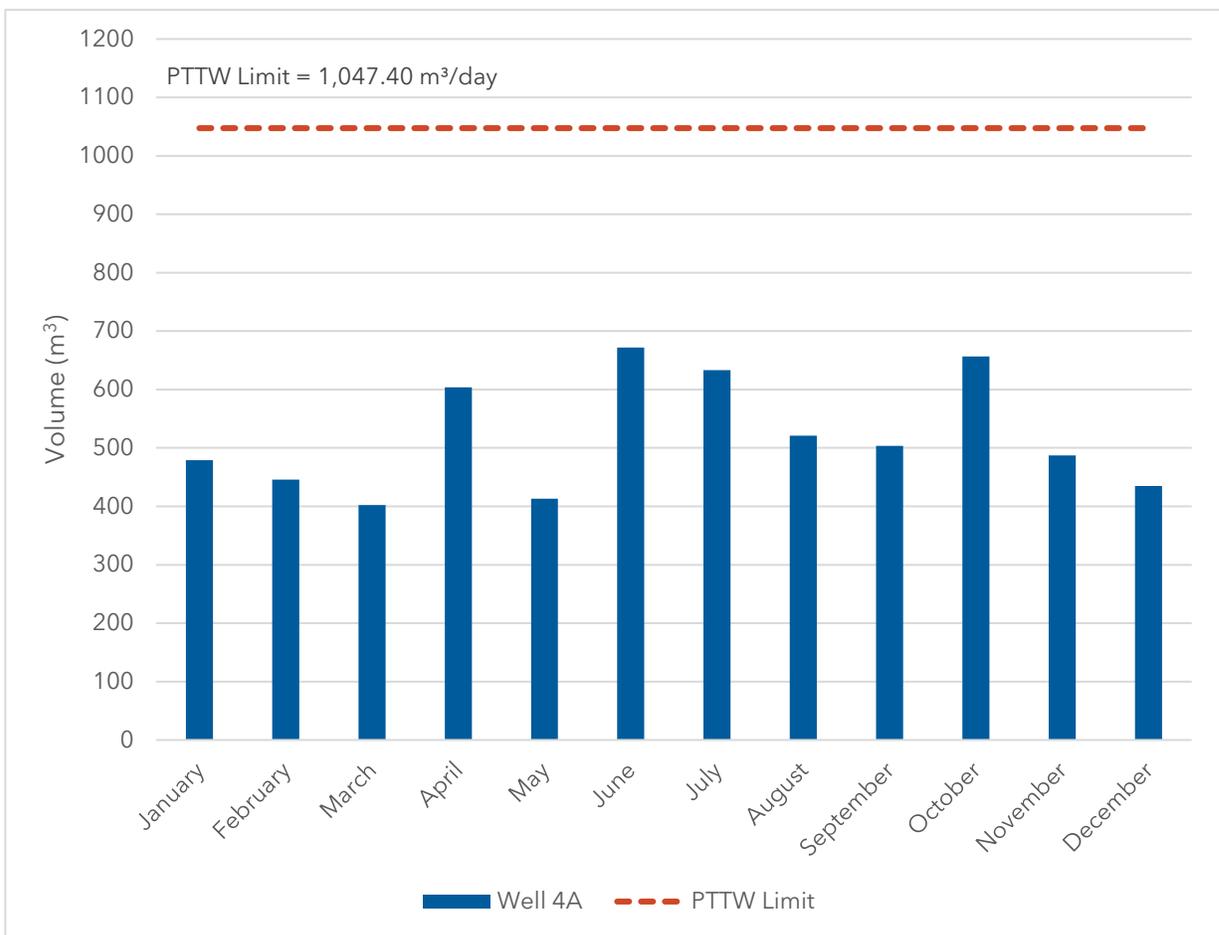


**Table 36. 2025 Alton Well 4A maximum daily raw water volumes**

Month	Volume (m <sup>3</sup> )
January	479.03
February	445.80
March	402.13
April	603.59
May	413.04
June	671.63
July	632.90
August	520.71
September	503.73
October	656.81
November	486.95
December	434.66

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 30. 2025 Alton Well 4A maximum daily raw water volumes**

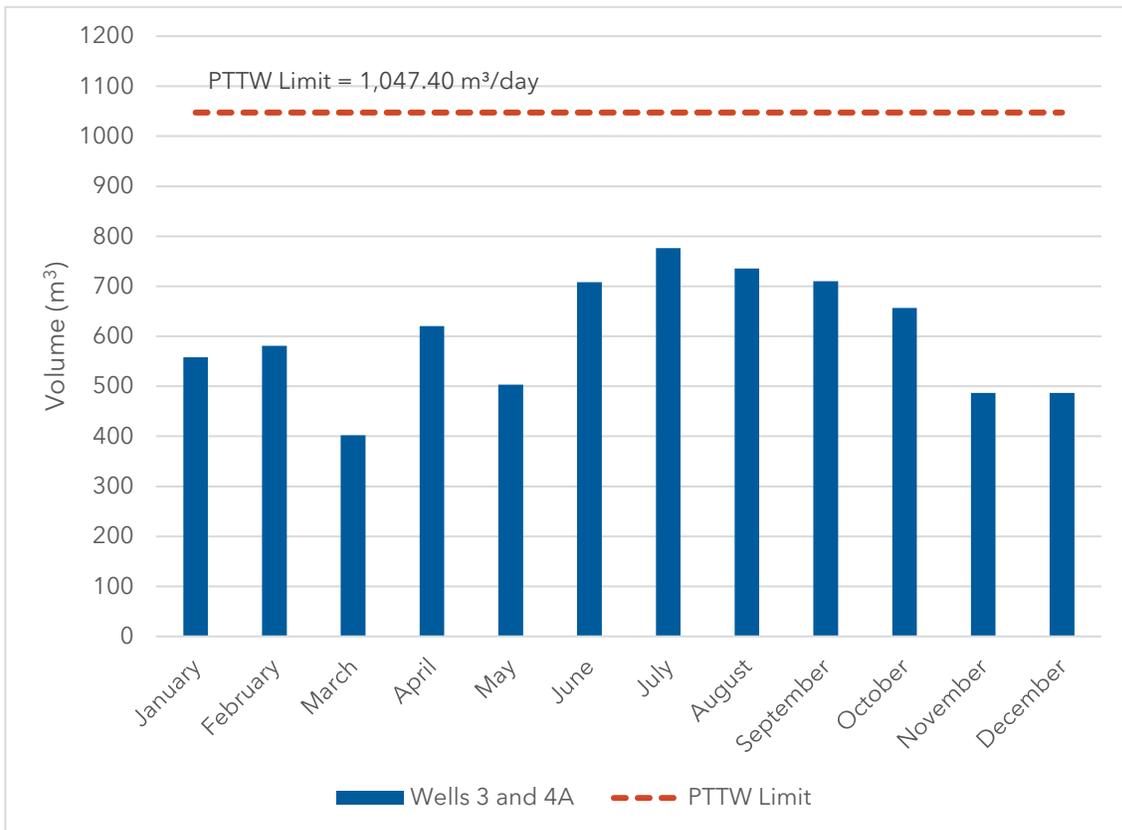


**Table 37. 2025 Alton Wells 3 and 4A combined maximum daily raw water volumes**

Month	Volume (m <sup>3</sup> )
January	558.36
February	580.65
March	402.13
April	620.39
May	503.26
June	708.14
July	776.08
August	735.47
September	710.31
October	656.81
November	486.95
December	486.86

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 31. 2025 Alton Wells 3 and 4A combined maximum daily raw water volumes**

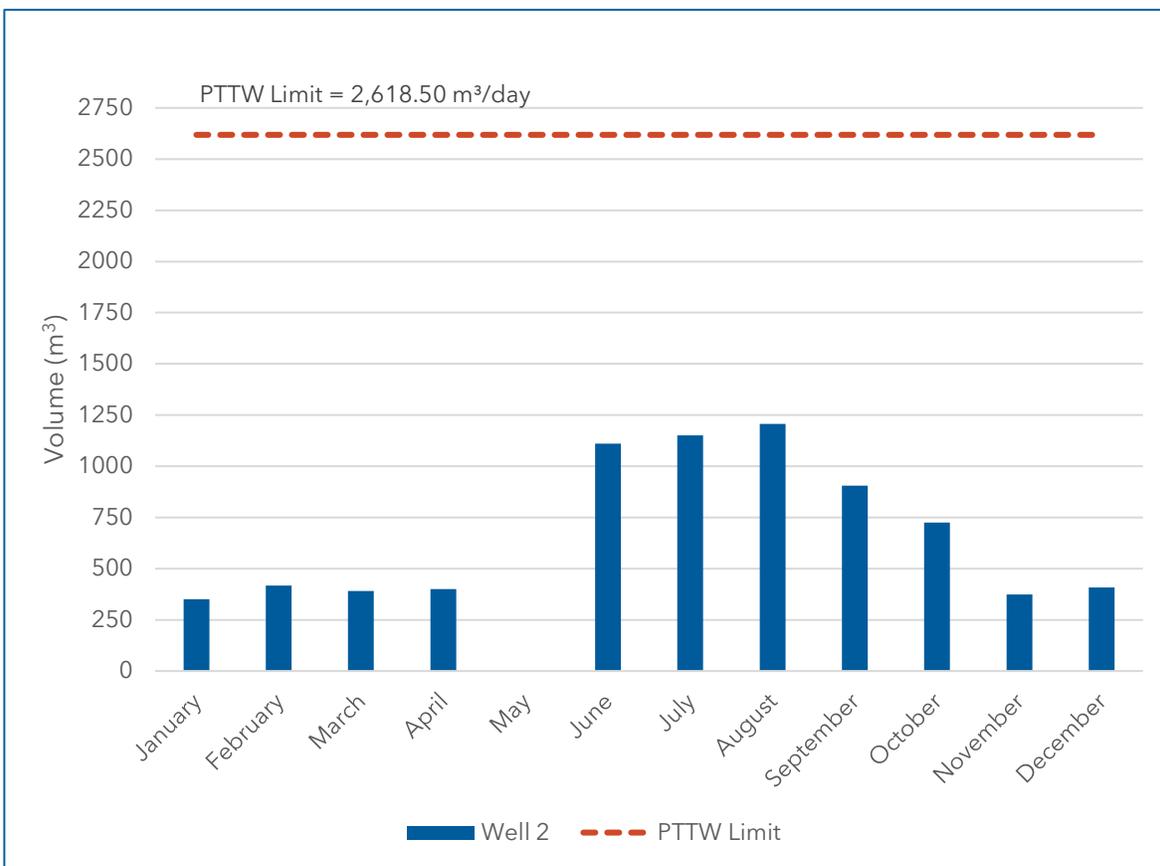


**Table 38. 2025 Palgrave Well 2 maximum daily raw water volumes**

Month	Volume (m <sup>3</sup> )
January	349.98
February	417.86
March	390.86
April	399.49 <sup>22</sup>
May	0.00 <sup>22</sup>
June	1,110.72 <sup>22</sup>
July	1,150.49
August	1,206.72
September	905.81
October	724.63
November	373.68
December	407.43

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 32. 2025 Palgrave Well 2 maximum daily raw water volumes**



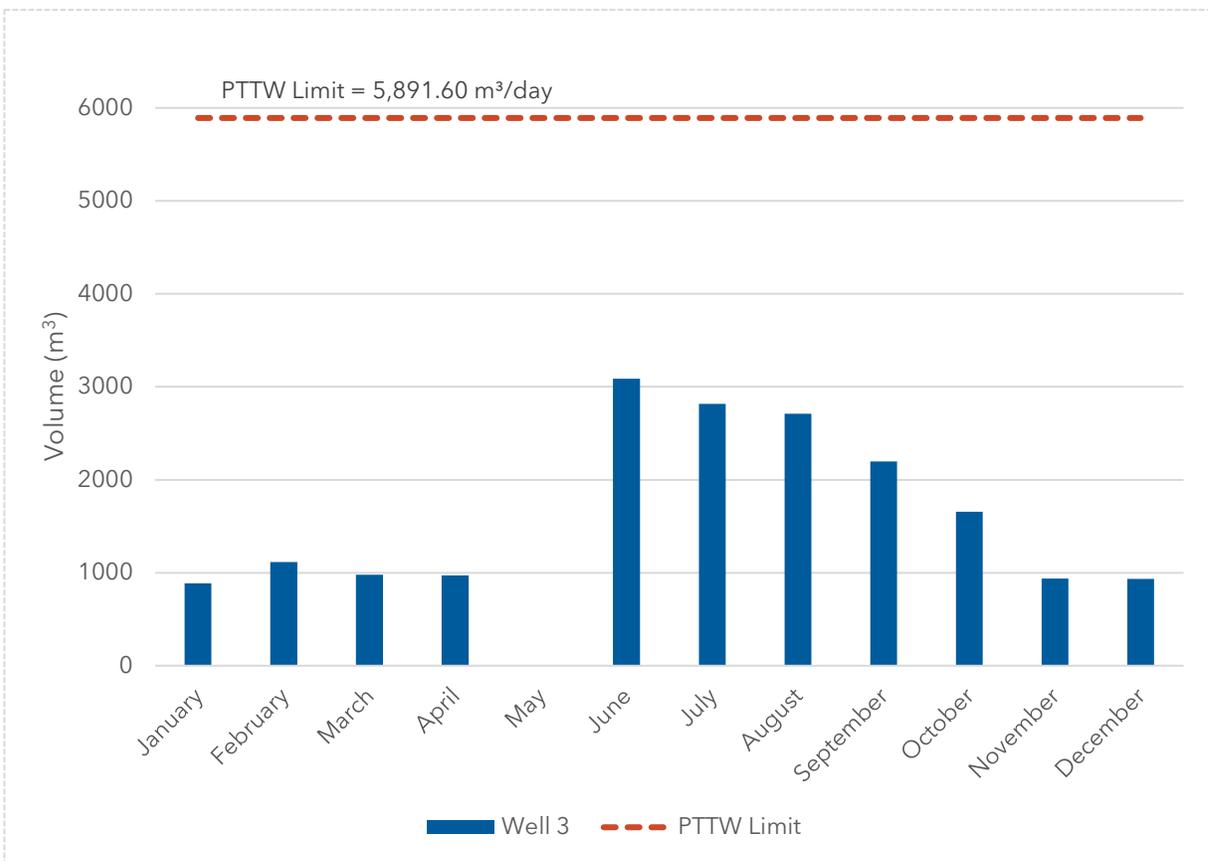
<sup>22</sup> Palgrave Wells 2 and 3 were offline for planned maintenance from April 22 to June 6, 2025

**Table 39. 2025 Palgrave Well 3 maximum daily raw water volumes**

Month	Volume (m <sup>3</sup> )
January	887.08
February	1,115.54
March	976.86
April	972.23 <sup>23</sup>
May	0.00 <sup>23</sup>
June	3,086.95 <sup>23</sup>
July	2,817.10
August	2,709.04
September	2,197.54
October	1,655.73
November	936.95
December	934.14

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 33. 2025 Palgrave Well 3 maximum daily raw water volumes**



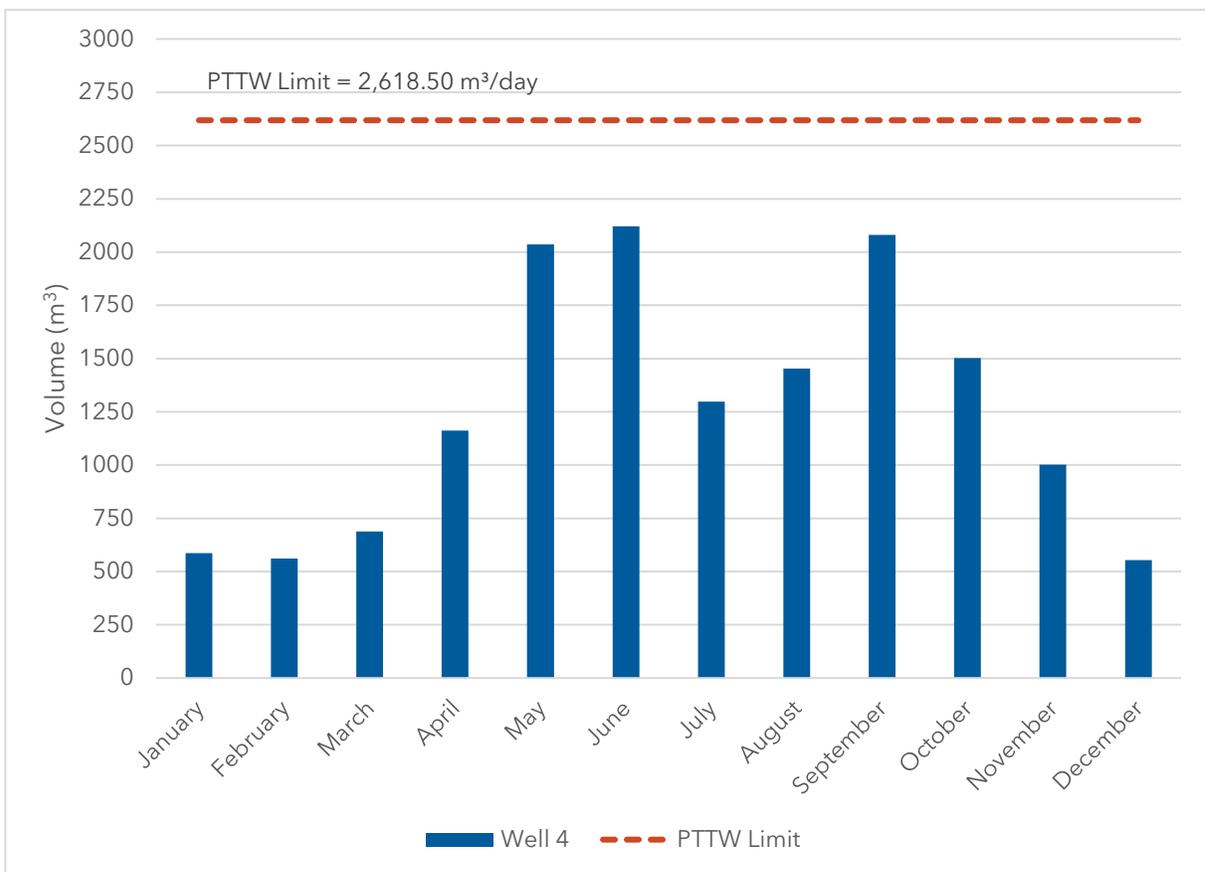
<sup>23</sup> Palgrave Wells 2 and 3 were offline for maintenance April 22 to June 6, 2025

**Table 40. 2025 Palgrave Well 4 maximum daily raw water volumes**

Month	Volume (m <sup>3</sup> )
January	587.22
February	561.56
March	688.84
April	1,161.06
May	2,036.14
June	2,121.20
July	1,298.16
August	1,453.05
September	2,080.82
October	1,501.60
November	1,001.25
December	553.26

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 34. 2025 Palgrave Well 4 maximum daily raw water volumes**

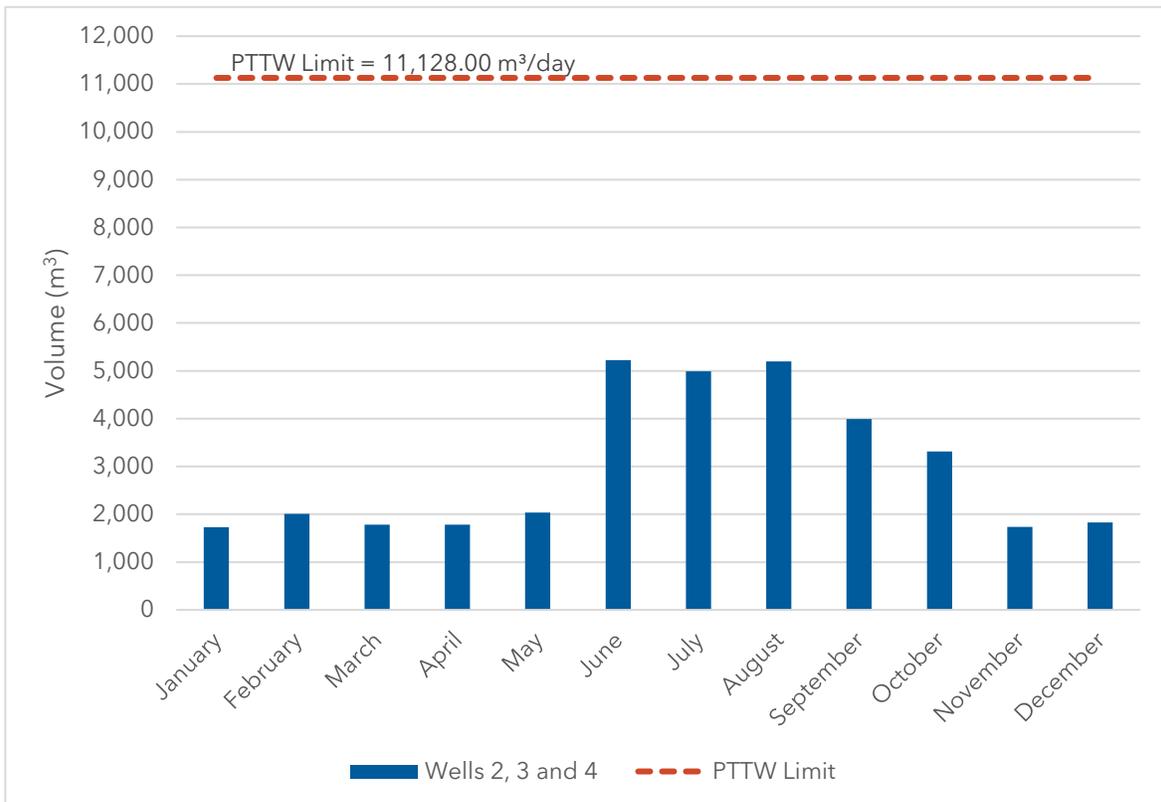


**Table 41. 2025 Palgrave Wells 2, 3 and 4 combined maximum daily raw water volumes**

Month	Volume (m <sup>3</sup> )
January	1,729.95
February	2,005.85
March	1,782.06
April	1,784.71 <sup>24</sup>
May	2,036.14 <sup>24</sup>
June	5,222.99 <sup>24</sup>
July	4,988.11
August	5,197.84
September	3,993.08
October	3,311.46
November	1,737.49
December	1,831.39

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 35. 2025 Palgrave Wells 2, 3 and 4 combined maximum daily raw water volumes**



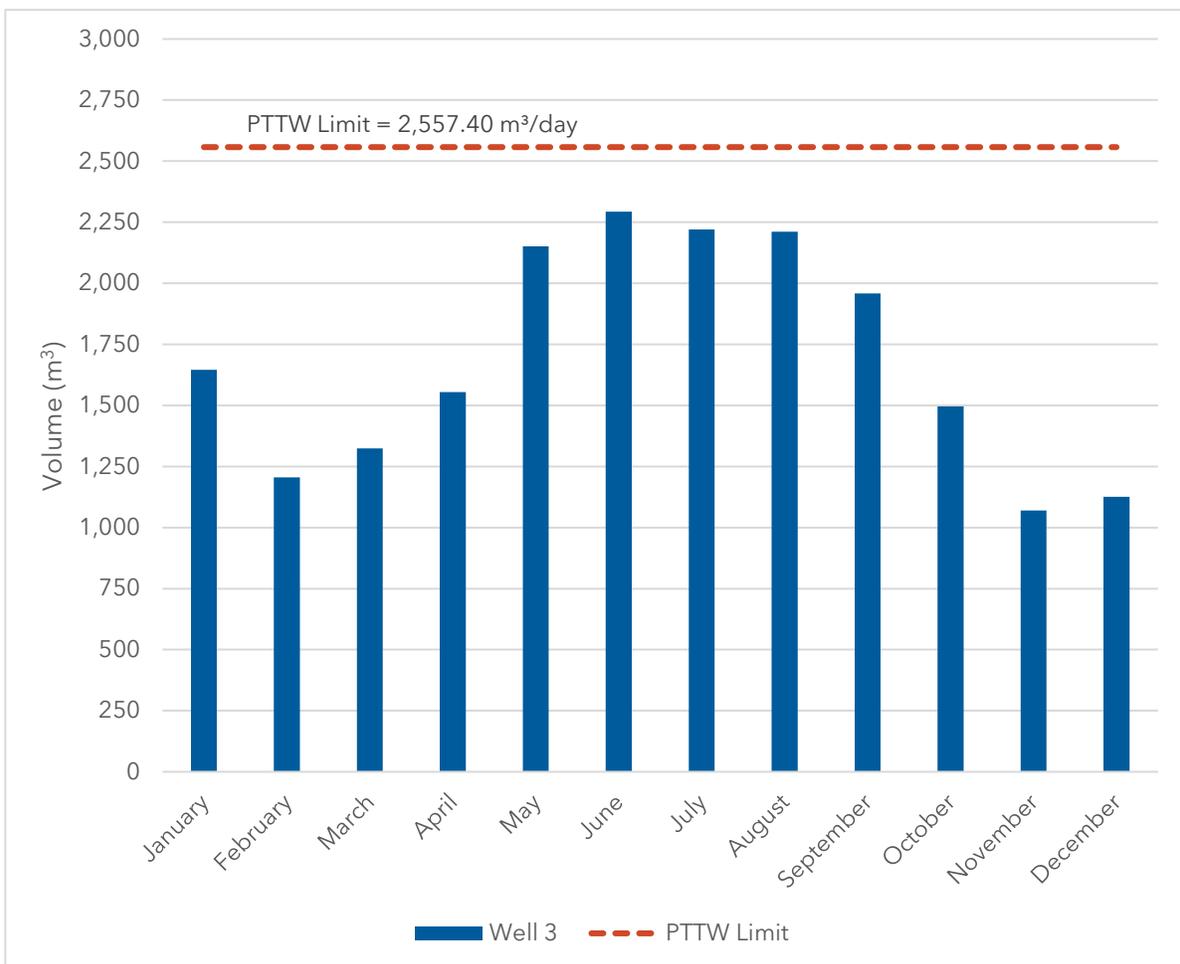
<sup>24</sup> Palgrave Wells 2 and 3 were offline for maintenance April 22 to June 6, 2025

**Table 42. 2025 Caledon East Well 3 maximum daily raw water volumes**

Month	Volume (m <sup>3</sup> )
January	1,645.85
February	1,205.86
March	1,323.71
April	1,554.28
May	2,150.73
June	2,293.28
July	2,220.42
August	2,211.53
September	1,958.03
October	1,496.39
November	1,069.64
December	1,125.97

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 36. 2025 Caledon East Well 3 maximum daily raw water volumes**

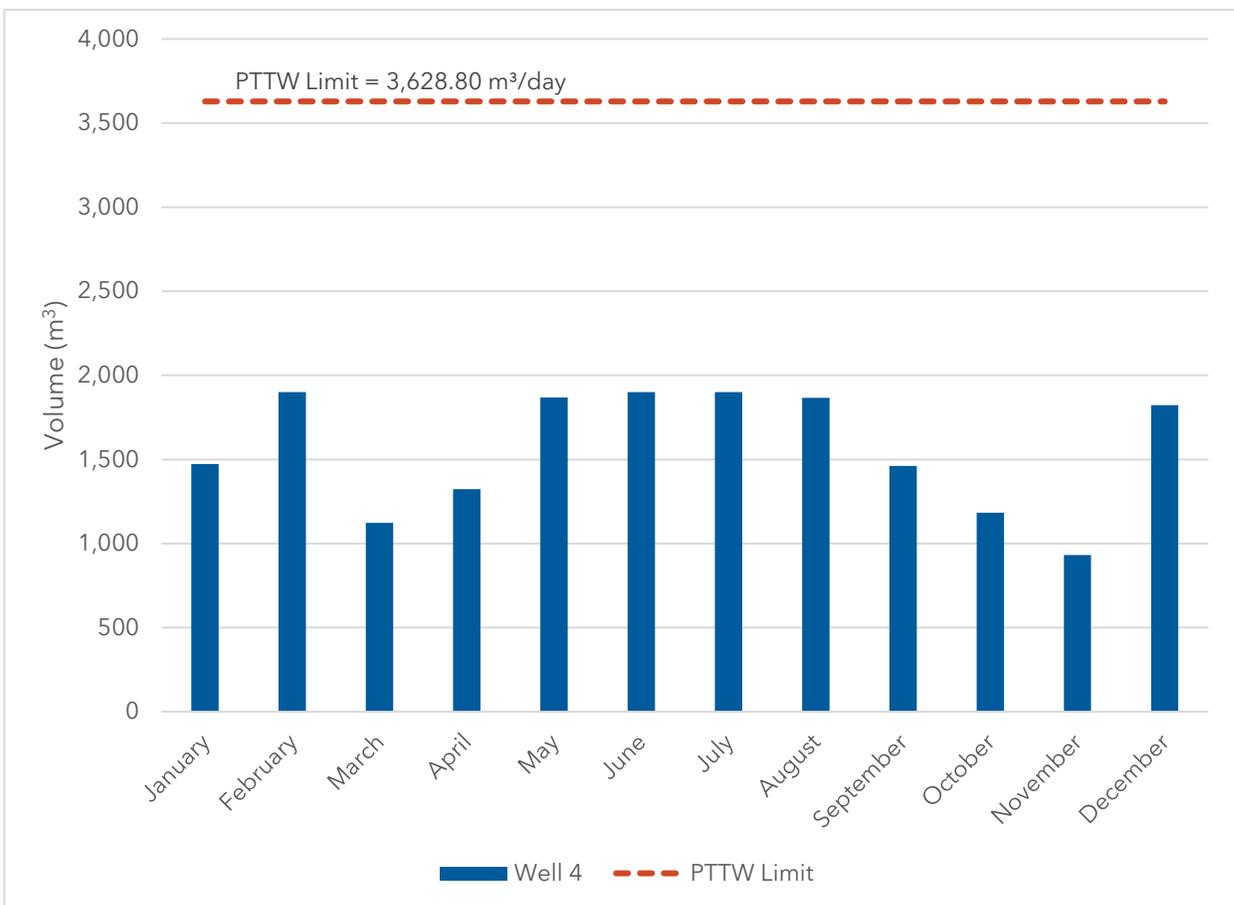


**Table 43. 2025 Caledon East Well 4 maximum daily raw water volumes**

Month	Volume (m <sup>3</sup> )
January	1,472.50
February	1,900.70
March	1,122.71
April	1,323.16
May	1,868.19
June	1,900.58
July	1,900.61
August	1,865.88
September	1,462.49
October	1,183.60
November	931.22
December	1,823.43

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 37. 2025 Caledon East Well 4 maximum daily raw water volumes**

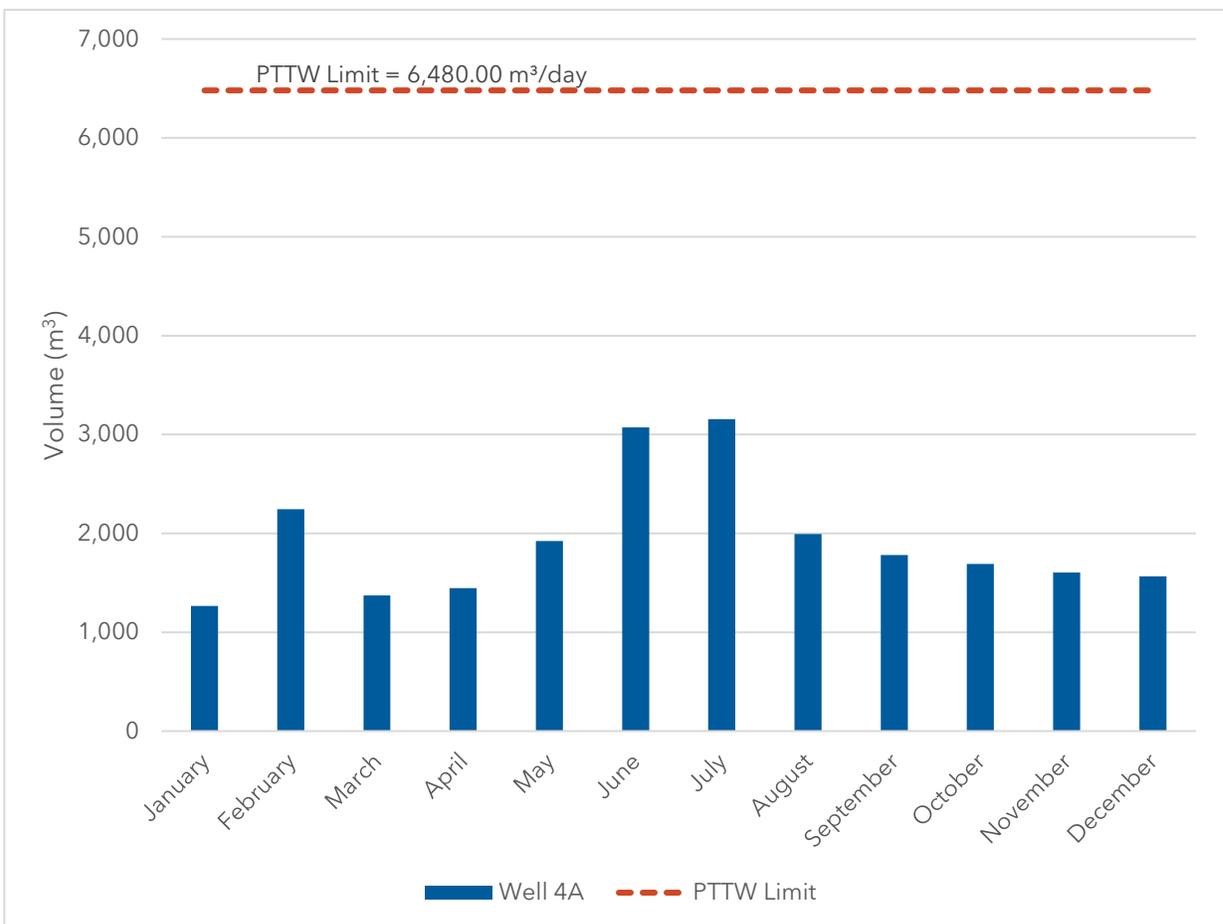


**Table 44. 2025 Caledon East Well 4A maximum daily raw water volumes**

Month	Volume (m <sup>3</sup> )
January	1,266.56
February	2,244.30
March	1,372.98
April	1,445.55
May	1,922.03
June	3,073.00
July	3,155.62
August	1,992.29
September	1,782.05
October	1,690.14
November	1,603.99
December	1,564.66

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 38. 2025 Caledon East Well 4A maximum daily raw water volumes**

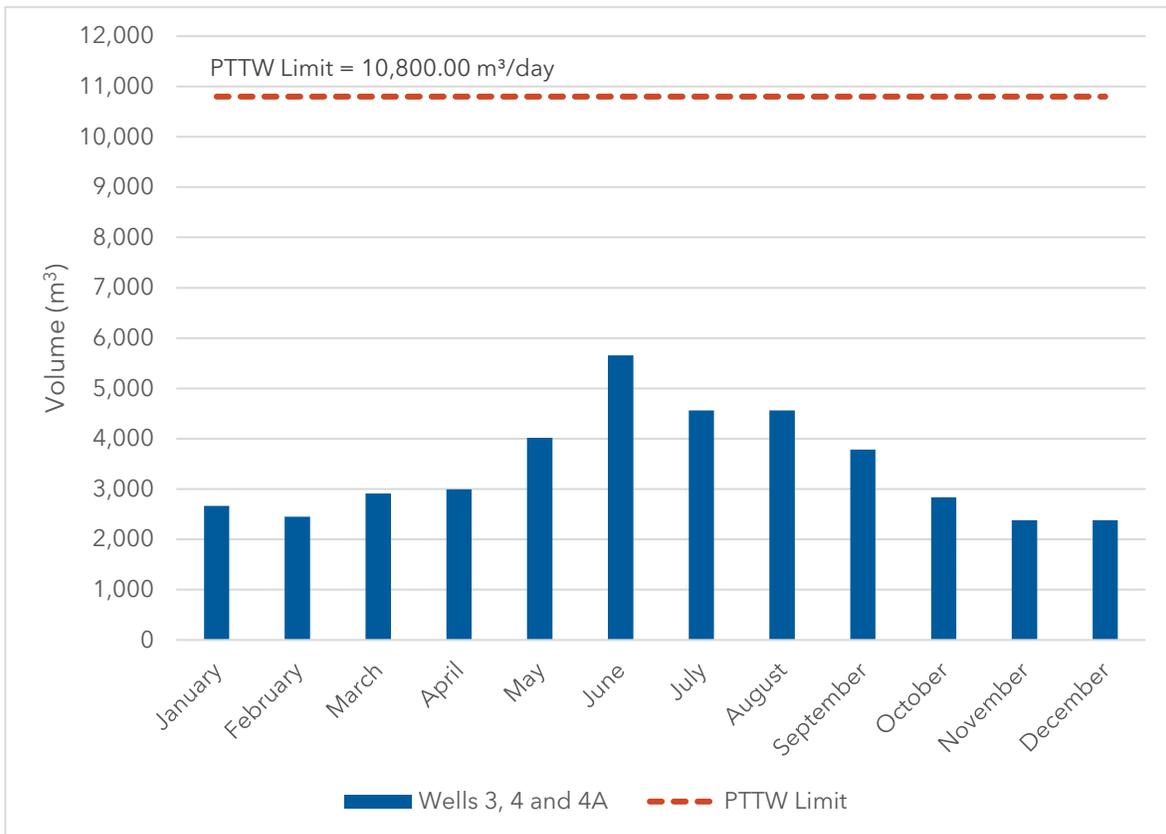


**Table 45. 2025 Caledon East Wells 3, 4 and 4A combined maximum daily raw water**

Month	Volume (m <sup>3</sup> )
January	2,664.12
February	2,450.22
March	2,912.83
April	2,996.66
May	4,018.92
June	5,653.99
July	4,564.23
August	4,564.92
September	3,785.93
October	2,835.81
November	2,383.13
December	2,381.09

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 39. 2025 Caledon East Wells 3, 4 and 4A combined maximum daily raw water**

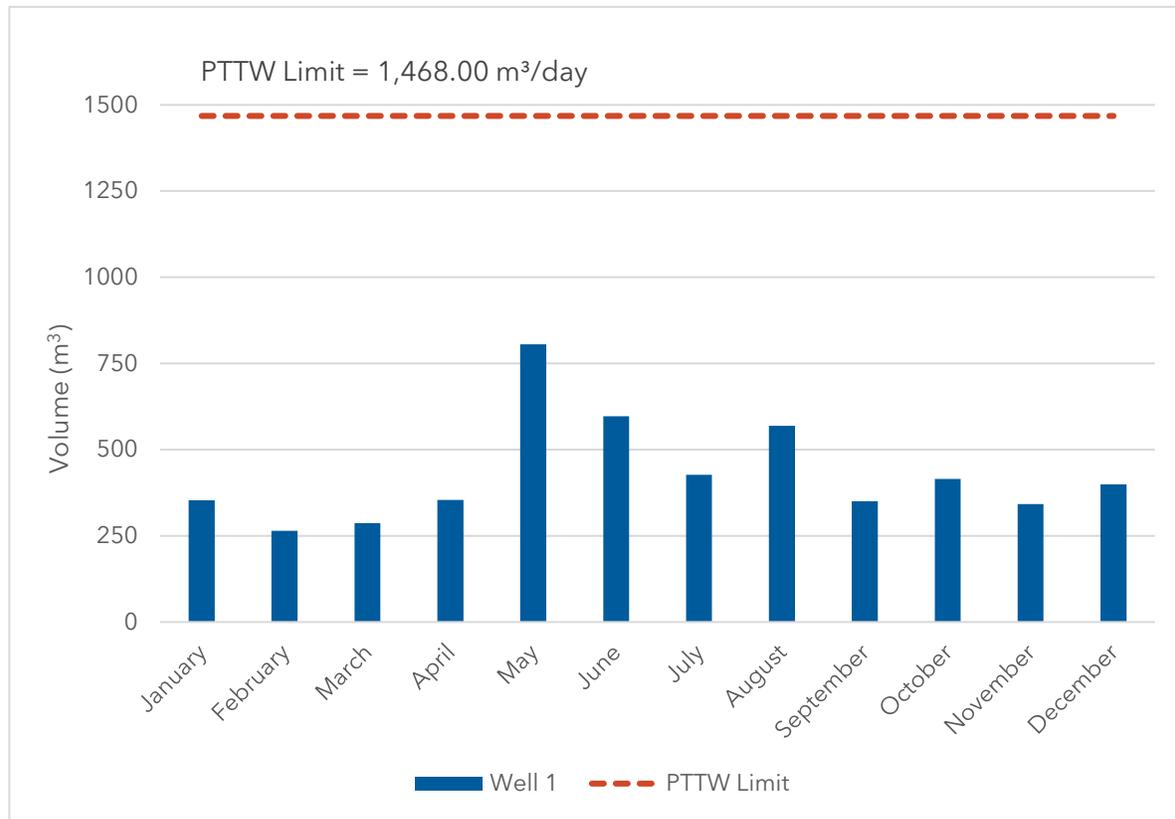


**Table 46. 2025 Cheltenham Well 1 maximum daily raw water volumes**

Month	Volume (m <sup>3</sup> )
January	353.48
February	264.22
March	286.29
April	353.75
May	805.87
June	597.09
July	426.72
August	568.95
September	350.85
October	414.79
November	341.66 <sup>25</sup>
December	399.65 <sup>25</sup>

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 40. 2025 Cheltenham Well 1 maximum daily raw water volumes**



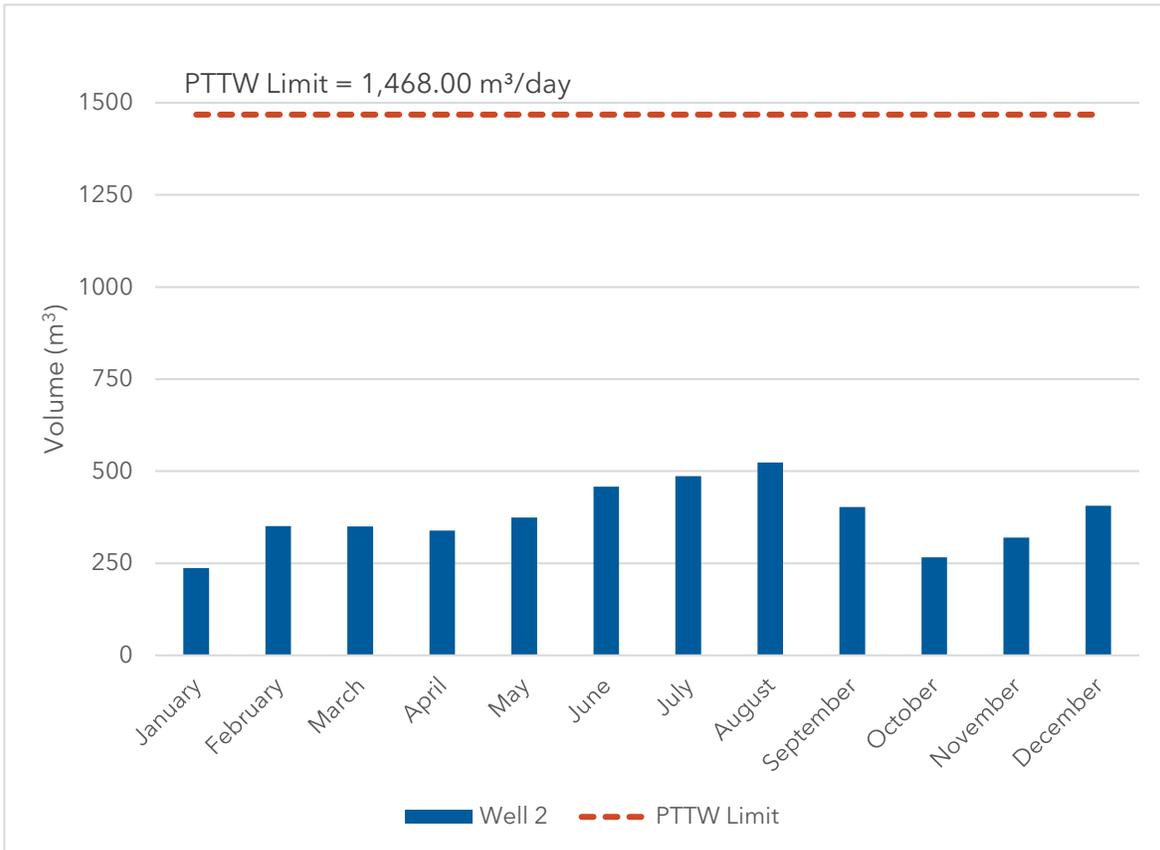
<sup>25</sup> Cheltenham Well 1 offline for planned maintenance November 22 to December 16, 2025

**Table 47. 2025 Cheltenham Well 2 maximum daily raw water volumes**

Month	Volume (m <sup>3</sup> )
January	236.74
February	350.79
March	349.99
April	338.29
May	373.85
June	457.93
July	486.12
August	523.20
September	402.32 <sup>26</sup>
October	265.81 <sup>26</sup>
November	319.31
December	405.88

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 41. 2025 Cheltenham Well 2 maximum daily raw water volumes**



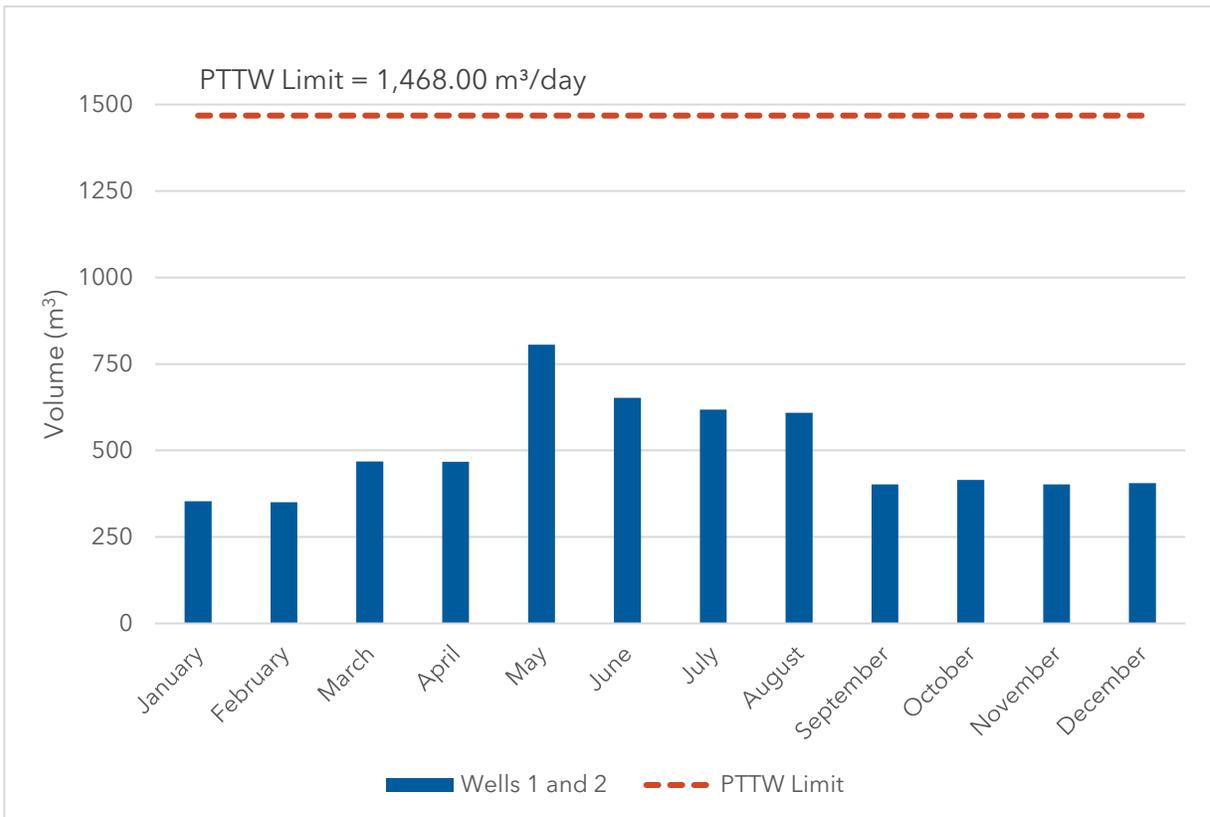
<sup>26</sup> Cheltenham Well 2 offline for planned maintenance September 30 to October 21, 2025

**Table 48. 2025 Cheltenham Wells 1 and 2 combined maximum daily raw water**

Month	Volume (m <sup>3</sup> )
January	353.48
February	350.79
March	468.59
April	467.51
May	805.87
June	652.57
July	618.23
August	608.75
September	402.32 <sup>27</sup>
October	414.79 <sup>27</sup>
November	402.06 <sup>28</sup>
December	405.88 <sup>28</sup>

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 42. 2025 Cheltenham Wells 1 and 2 combined maximum daily raw water**



<sup>27</sup> Cheltenham Well 2 offline for planned maintenance September 30 to October 21, 2025C

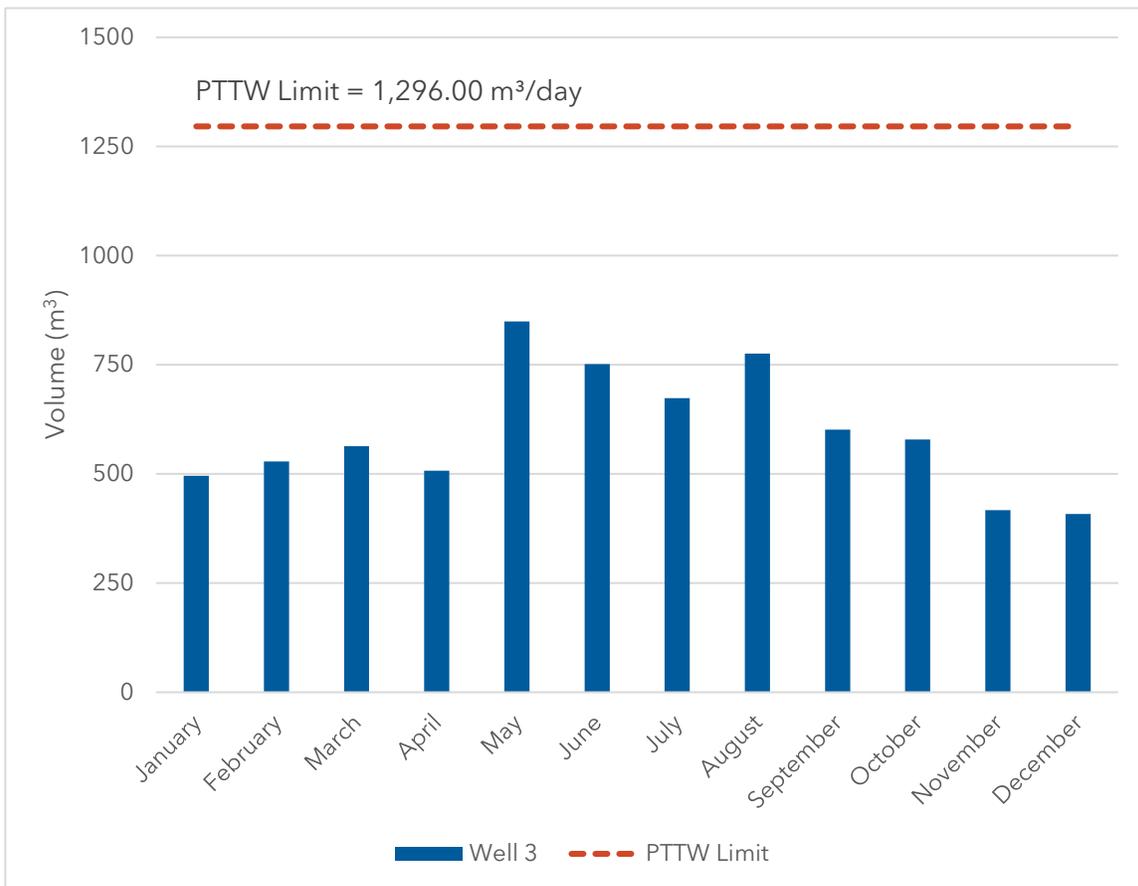
<sup>28</sup> Cheltenham Well 1 offline for planned maintenance November 22 to December 16, 2025

**Table 49. 2025 Inglewood Well 3 maximum daily raw water volumes**

Month	Volume (m <sup>3</sup> )
January	496.06
February	528.93
March	563.71
April	507.32
May	849.09
June	751.67
July	673.32
August	775.87
September	601.14
October	578.70
November	416.81
December	408.23

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 43. 2025 Inglewood Well 3 maximum daily raw water volumes**

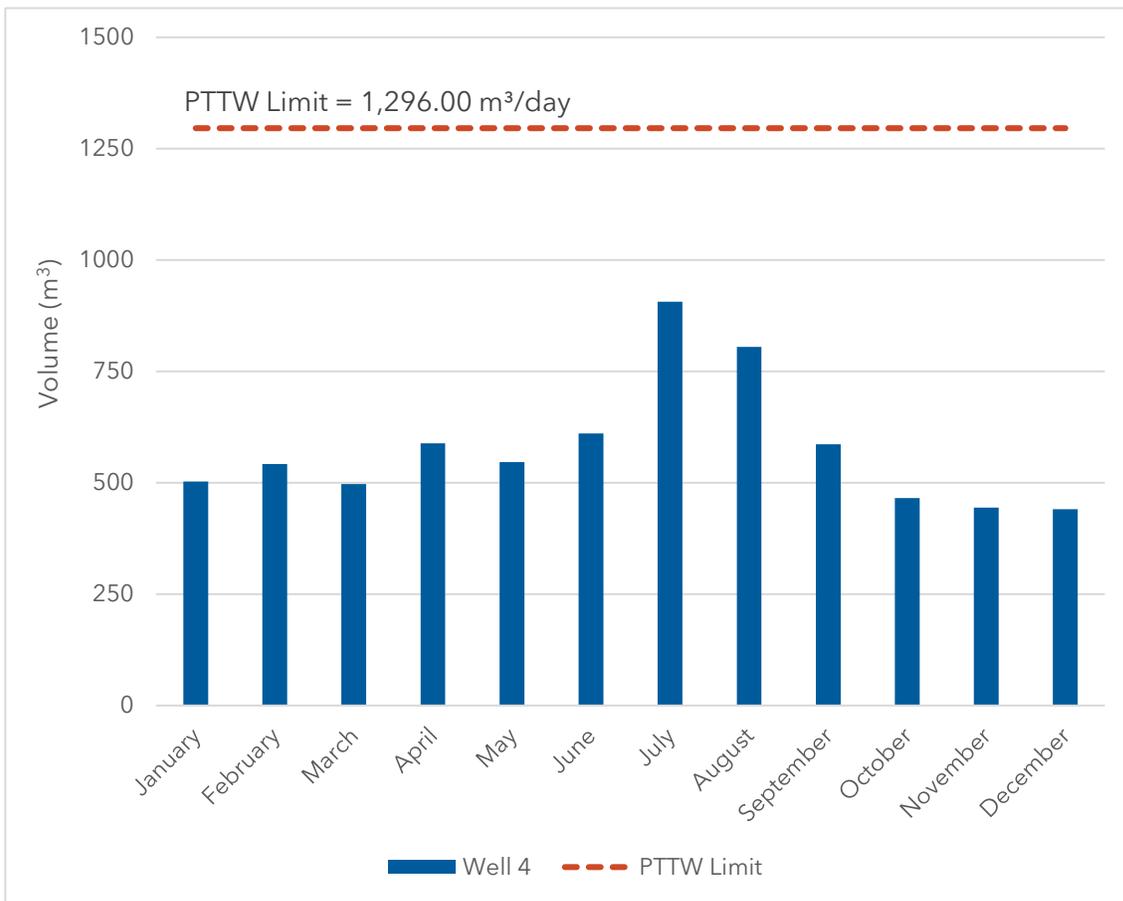


**Table 50. 2025 Inglewood Well 4 maximum daily raw water volumes**

Month	Volume (m <sup>3</sup> )
January	502.68
February	542.08
March	496.90
April	588.69
May	546.12
June	610.40
July	906.81
August	805.18
September	586.52
October	465.44
November	443.98
December	440.49

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 44. 2025 Inglewood Well 4 maximum daily raw water volumes**

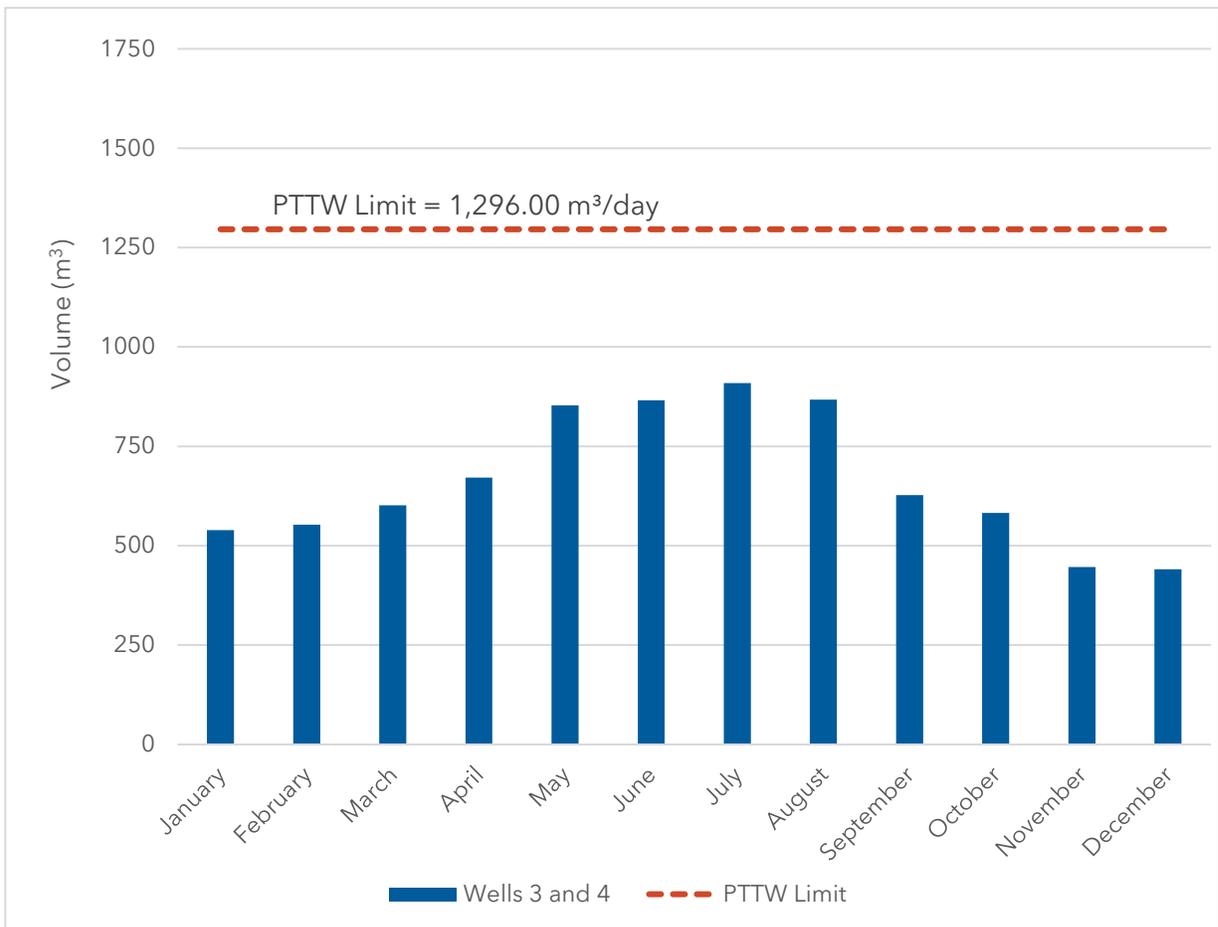


**Table 51. 2025 Inglewood Wells 3 and 4 combined maximum daily raw water**

Month	Volume (m <sup>3</sup> )
January	539.21
February	553.21
March	601.71
April	671.75
May	853.22
June	865.51
July	908.95
August	867.27
September	627.62
October	582.79
November	446.15
December	440.49

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 45. 2025 Inglewood Wells 3 and 4 combined maximum daily raw water**



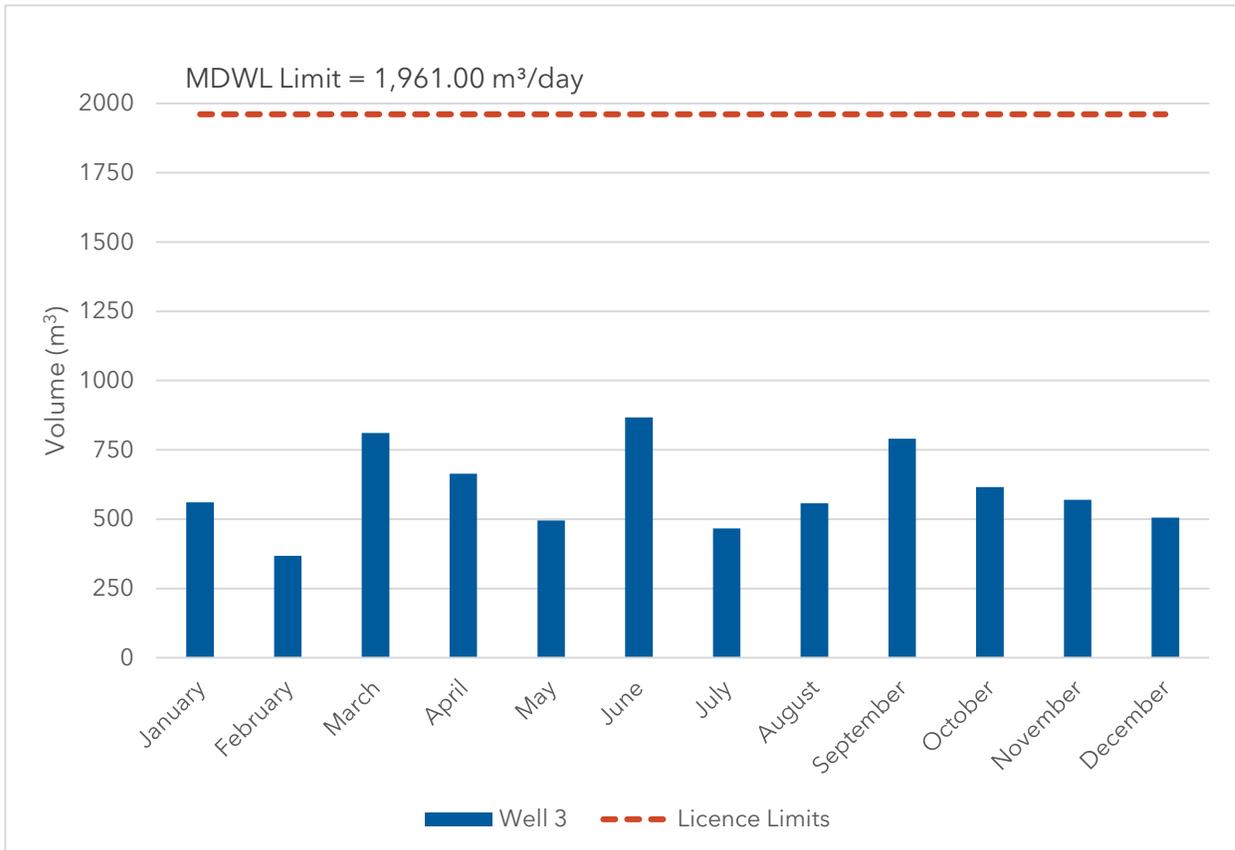
#### 4.1.4 Maximum daily production and Municipal Drinking Water Licence (MDWL) Limits

Table 52. 2025 Caledon Village Well 3 maximum daily treated water

Month	Production (m <sup>3</sup> )
January	561.03
February	368.07
March	811.24
April	663.93
May	494.69
June	867.50
July	466.47
August	556.73
September	790.69
October	615.46
November	569.90
December	505.88

Note: 1 m<sup>3</sup> = 1,000 Litres

Figure 46. 2025 Caledon Village Well 3 maximum daily treated water

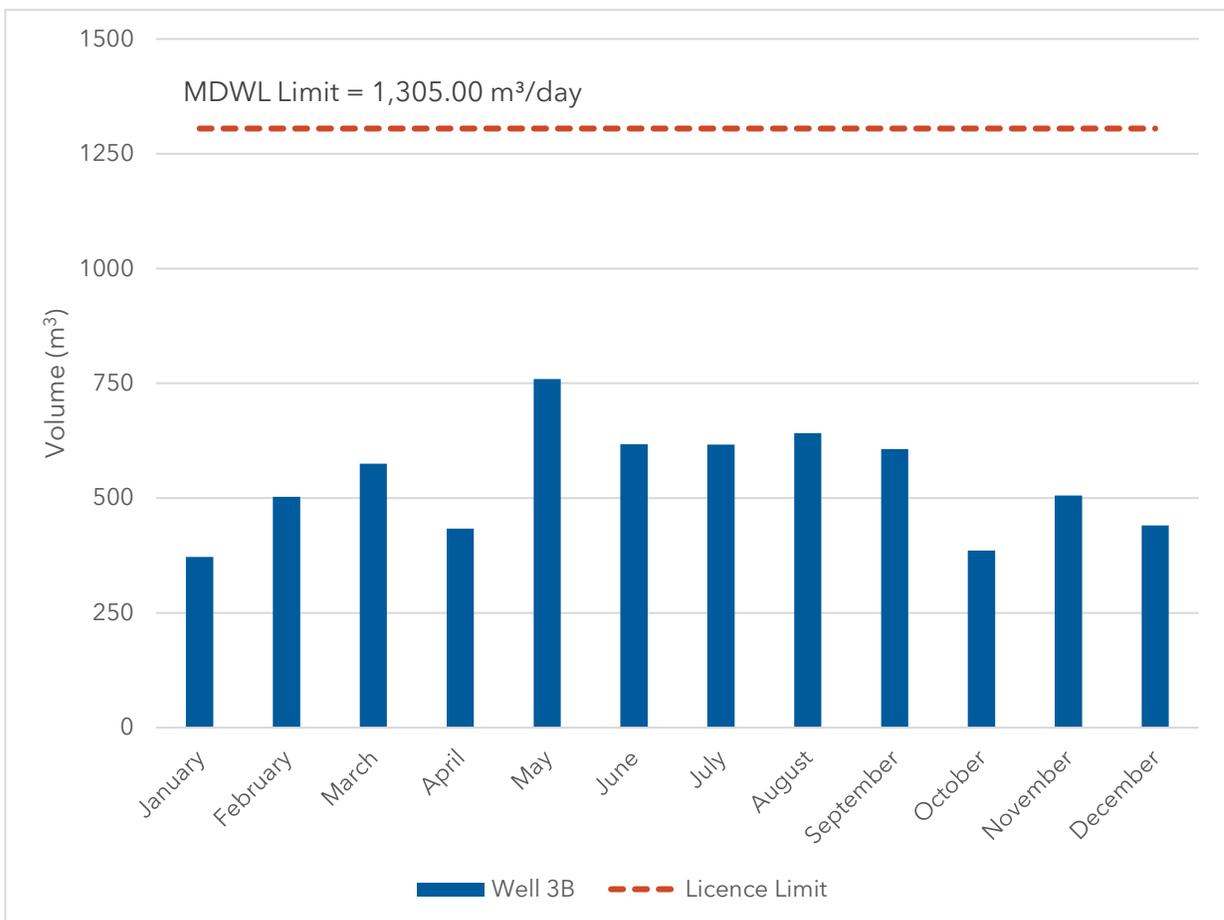


**Table 53. 2025 Caledon Village Well 3B maximum daily treated water**

Month	Production (m <sup>3</sup> )
January	371.60
February	502.67
March	574.75
April	433.29
May	759.55
June	617.01
July	616.25
August	641.76
September	606.61
October	385.77
November	505.96
December	440.63

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 47. 2025 Caledon Village Well 3B maximum daily treated water**

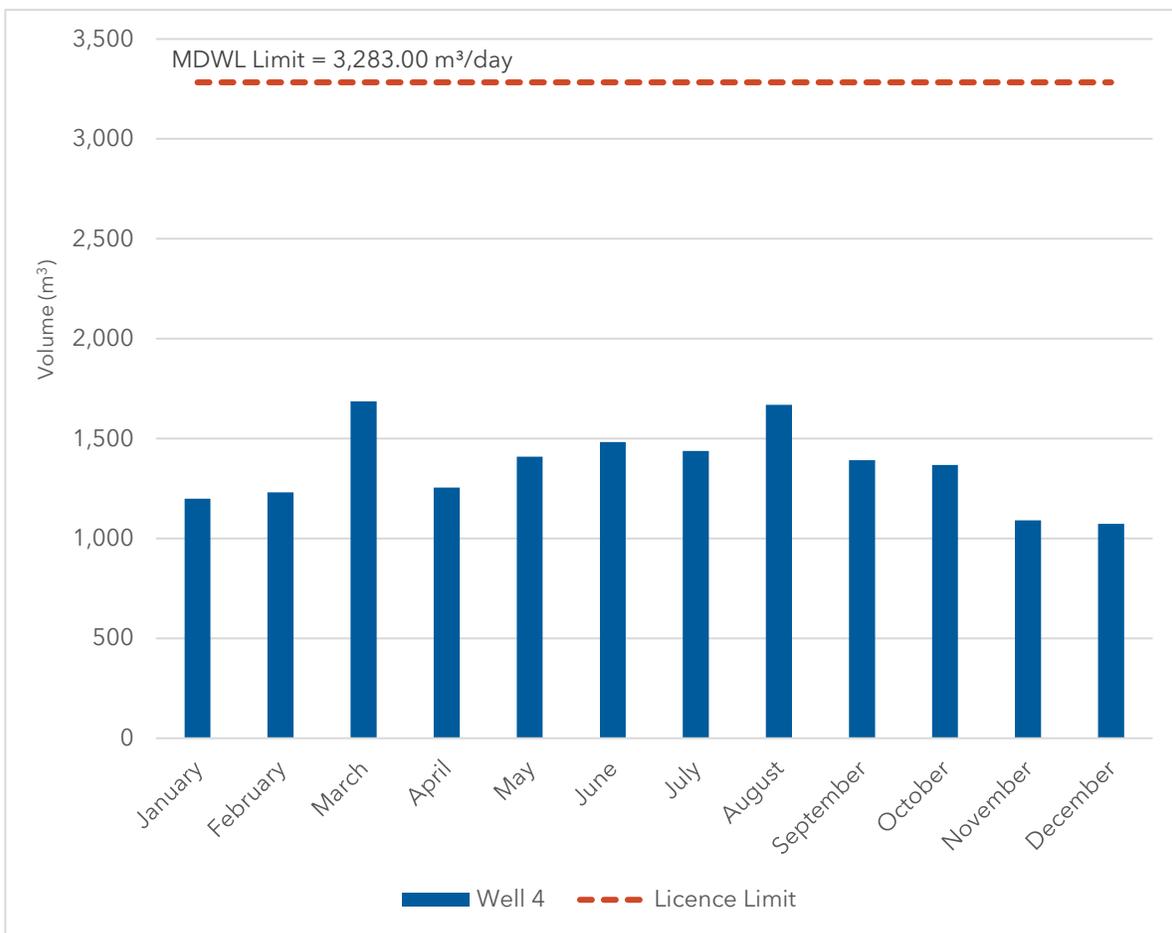


**Table 54. 2025 Caledon Village Well 4 maximum daily treated water**

Month	Production (m <sup>3</sup> )
January	1,198.68
February	1,231.47
March	1,686.64
April	1,254.62
May	1,409.61
June	1,482.46
July	1,438.36
August	1,669.55
September	1,391.43
October	1,368.65
November	1,091.20
December	1,072.77

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 48. 2025 Caledon Village Well 4 maximum daily treated water**

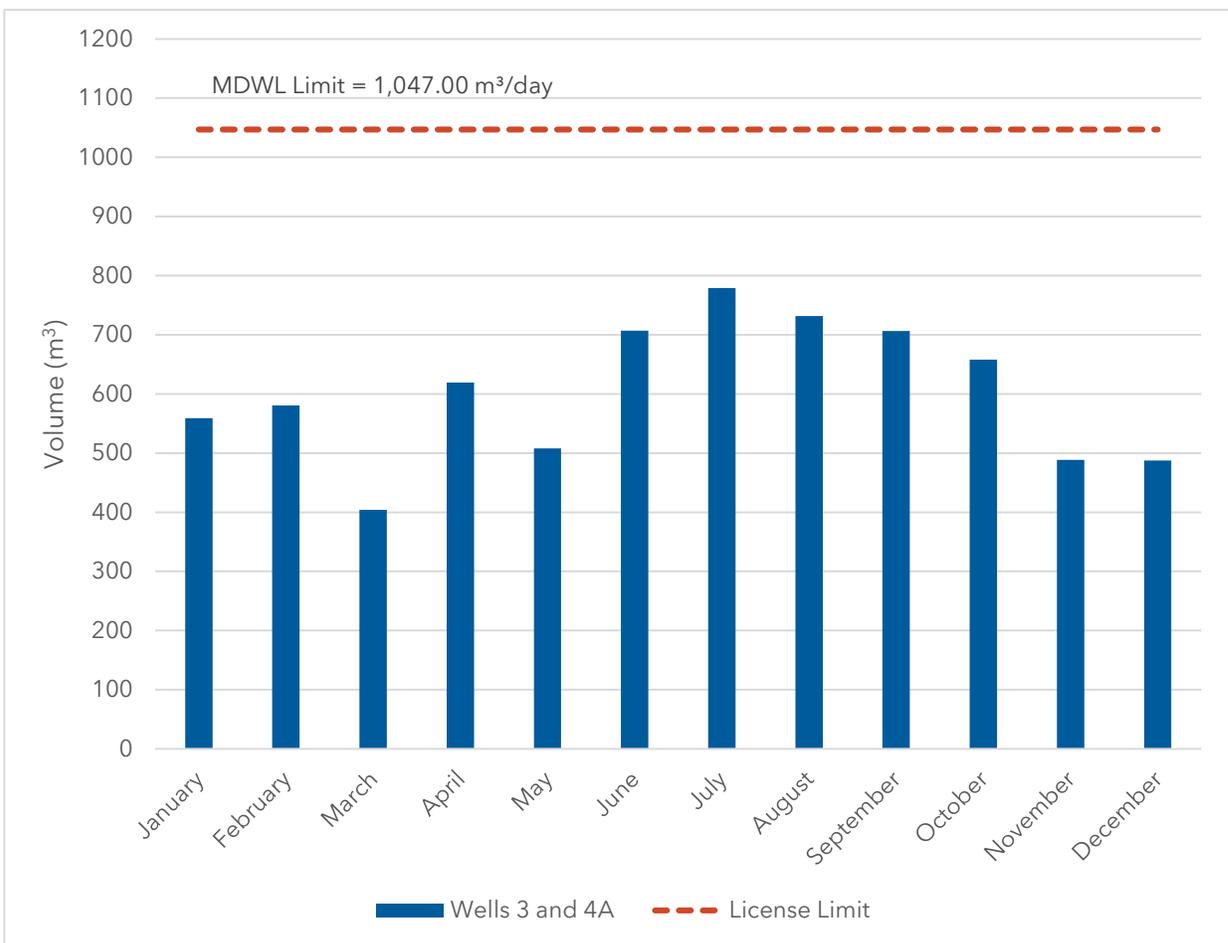


**Table 55. 2025 Alton Wells 3 and 4A maximum daily treated water**

Month	Production (m <sup>3</sup> )
January	559.22
February	580.70
March	403.85
April	619.22
May	507.69
June	707.10
July	779.27
August	731.60
September	706.63
October	657.94
November	488.75
December	487.66

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 49. 2025 Alton Wells 3 and 4A maximum daily treated water**

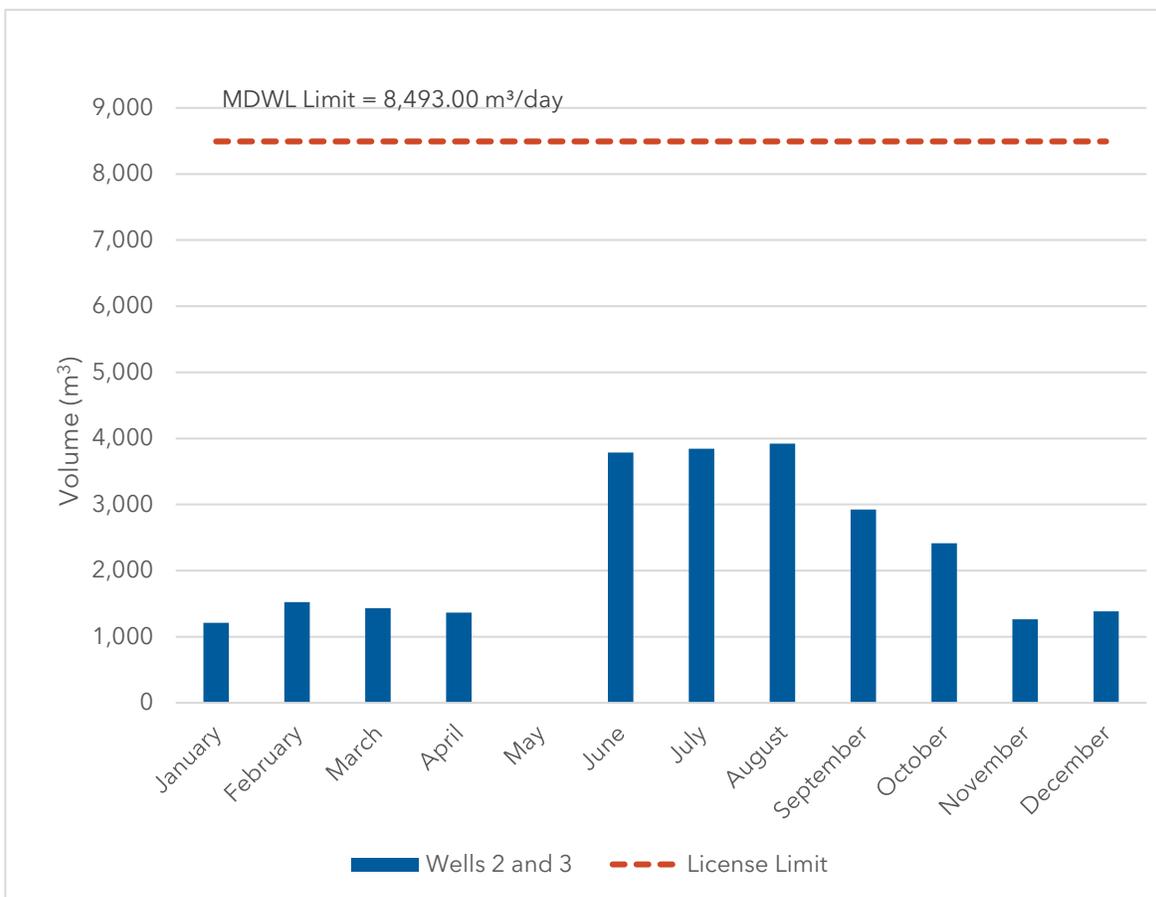


**Table 56. 2025 Palgrave Wells 2 and 3 maximum daily treated water**

Month	Production (m <sup>3</sup> )
January	1,212.07
February	1,524.89
March	1,430.75
April	1,363.46 <sup>29</sup>
May	0.00 <sup>29</sup>
June	3,785.58 <sup>29</sup>
July	3,844.88
August	3,921.84
September	2,923.55
October	2,412.97
November	1,261.65
December	1,382.58

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 50. 2025 Palgrave Wells 2 and 3 maximum daily treated water**



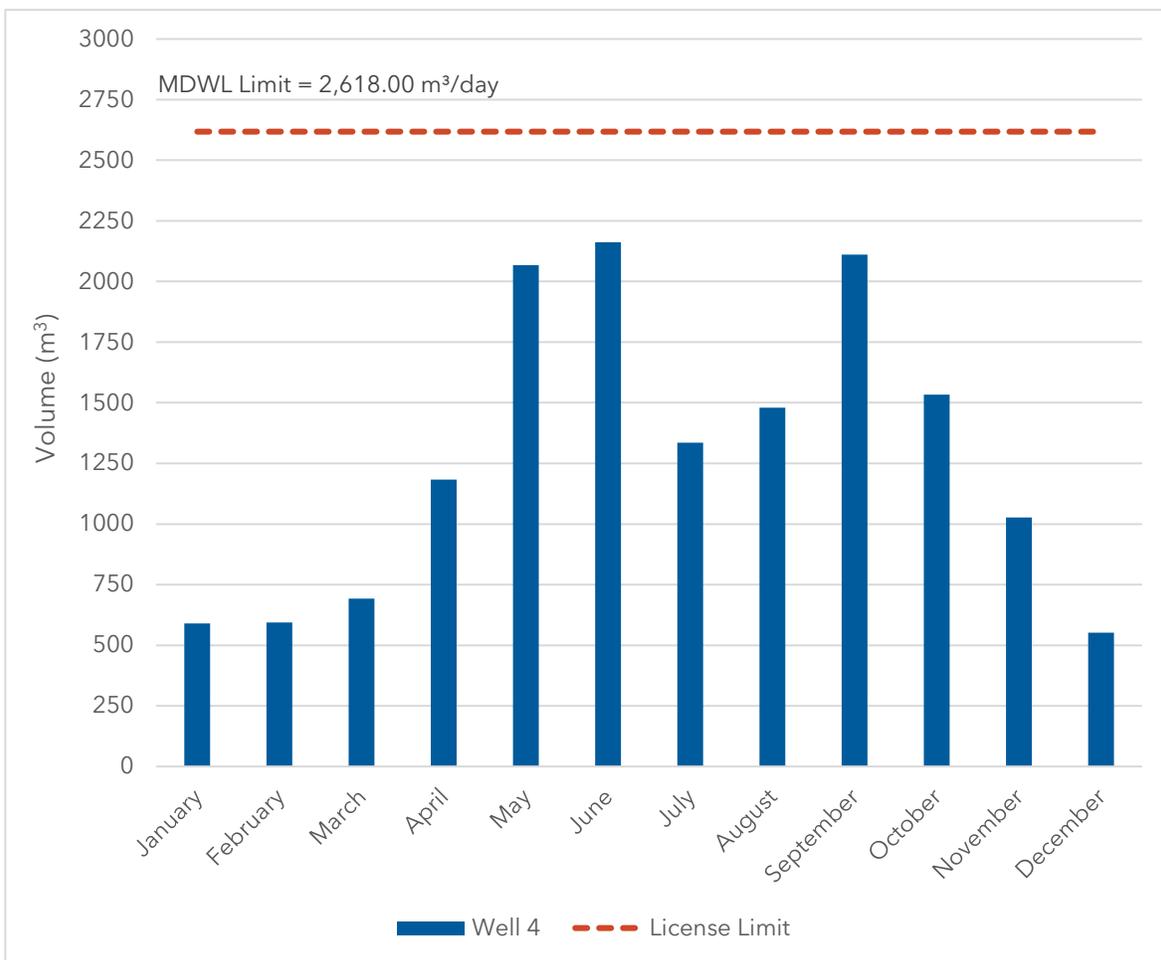
<sup>29</sup> Palgrave Wells 1 and 2 offline for maintenance April 22 to June 6, 2025

**Table 57. 2025 Palgrave Well 4 maximum daily treated water**

Month	Production (m <sup>3</sup> )
January	589.79
February	594.05
March	692.36
April	1,183.18
May	2,067.10
June	2,162.38
July	1,335.73
August	1,479.85
September	2,110.62
October	1,532.93
November	1,026.35
December	551.29

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 51. 2025 Palgrave Well 4 maximum daily treated water**

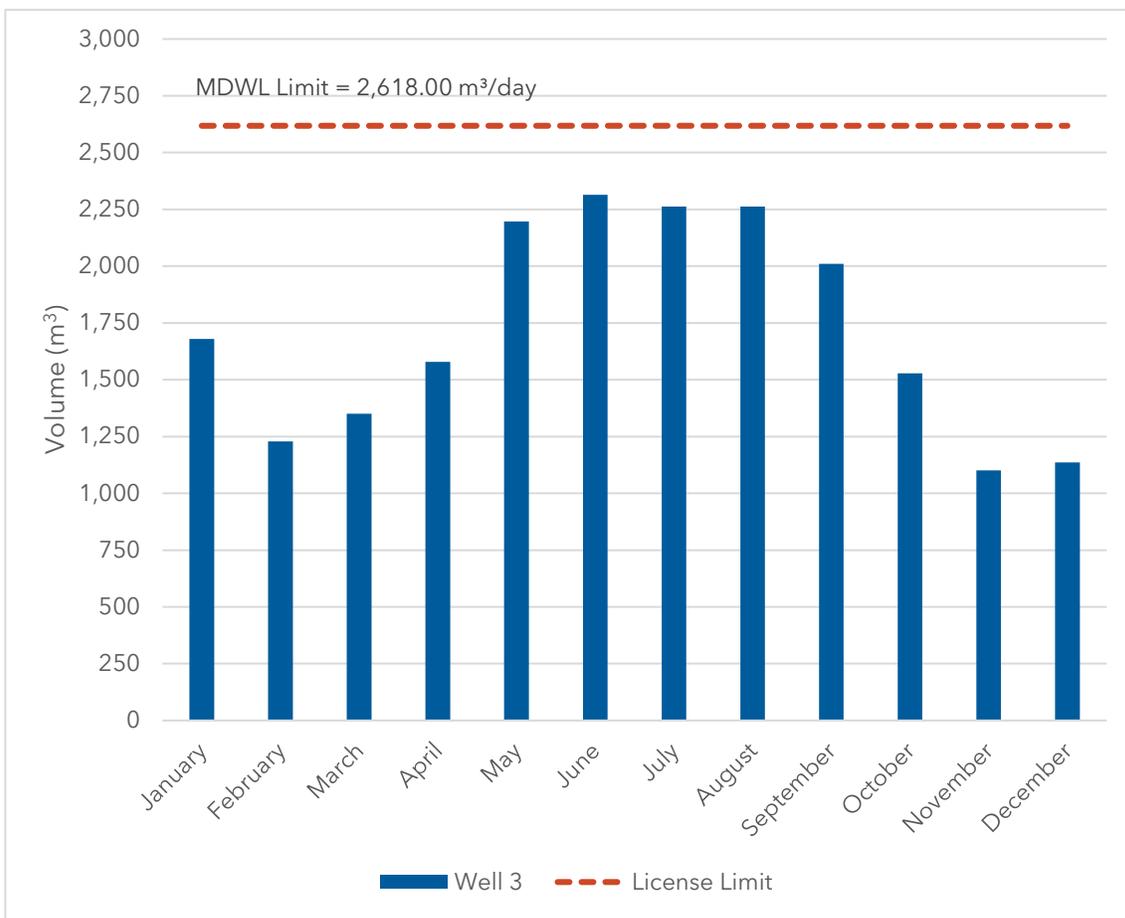


**Table 58. 2025 Caledon East Well 3 maximum daily treated water**

Month	Production (m <sup>3</sup> )
January	1,679.70
February	1,227.90
March	1,349.78
April	1,578.77
May	2,195.99
June	2,313.85
July	2,262.87
August	2,262.94
September	2,009.70
October	1,528.14
November	1,101.15
December	1,135.46

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 52. 2025 Caledon East Well 3 maximum daily treated water**

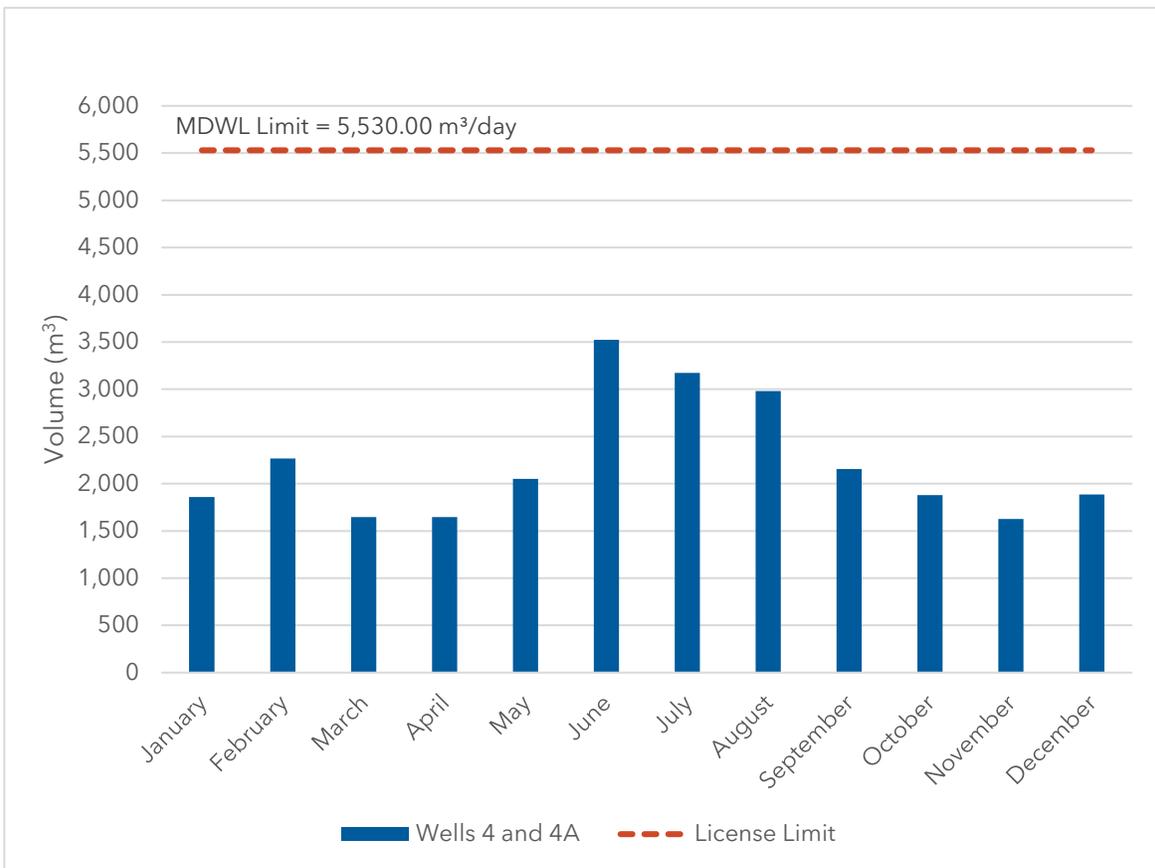


**Table 59. 2025 Caledon East Wells 4 and 4A maximum daily treated water**

Month	Production (m <sup>3</sup> )
January	1,860.09
February	2,267.99
March	1,647.63
April	1,647.68
May	2,052.35
June	3,521.91
July	3,171.72
August	2,982.36
September	2,155.80
October	1,878.59
November	1,626.15
December	1,886.91

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 53. 2025 Caledon East Wells 4 and 4A maximum daily treated water**

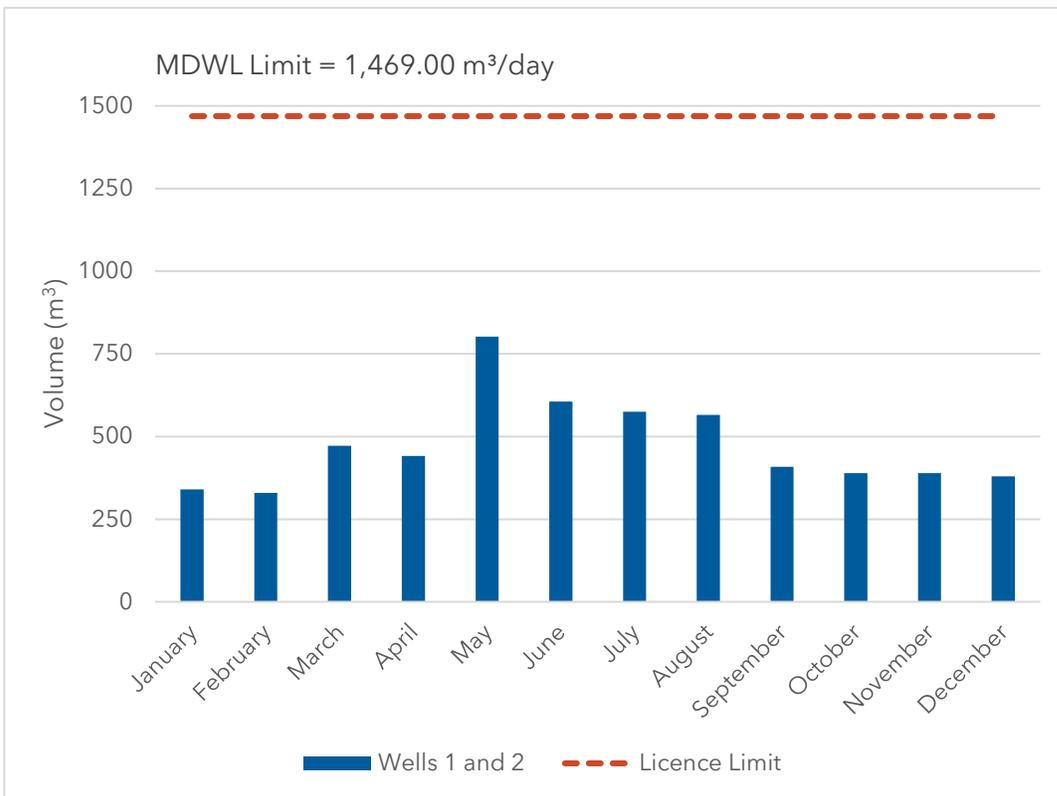


**Table 60. 2025 Cheltenham Wells 1 and 2 maximum daily treated water**

Month	Production (m <sup>3</sup> )
January	339.61
February	329.80
March	471.95
April	440.86
May	802.22
June	605.83
July	574.88
August	564.90
September	408.52 <sup>30</sup>
October	389.50 <sup>30</sup>
November	389.44 <sup>31</sup>
December	379.40 <sup>31</sup>

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 54. 2025 Cheltenham Wells 1 and 2 maximum daily treated water**



<sup>30</sup> Cheltenham Well 2 offline for maintenance September 20 to October 21, 2025

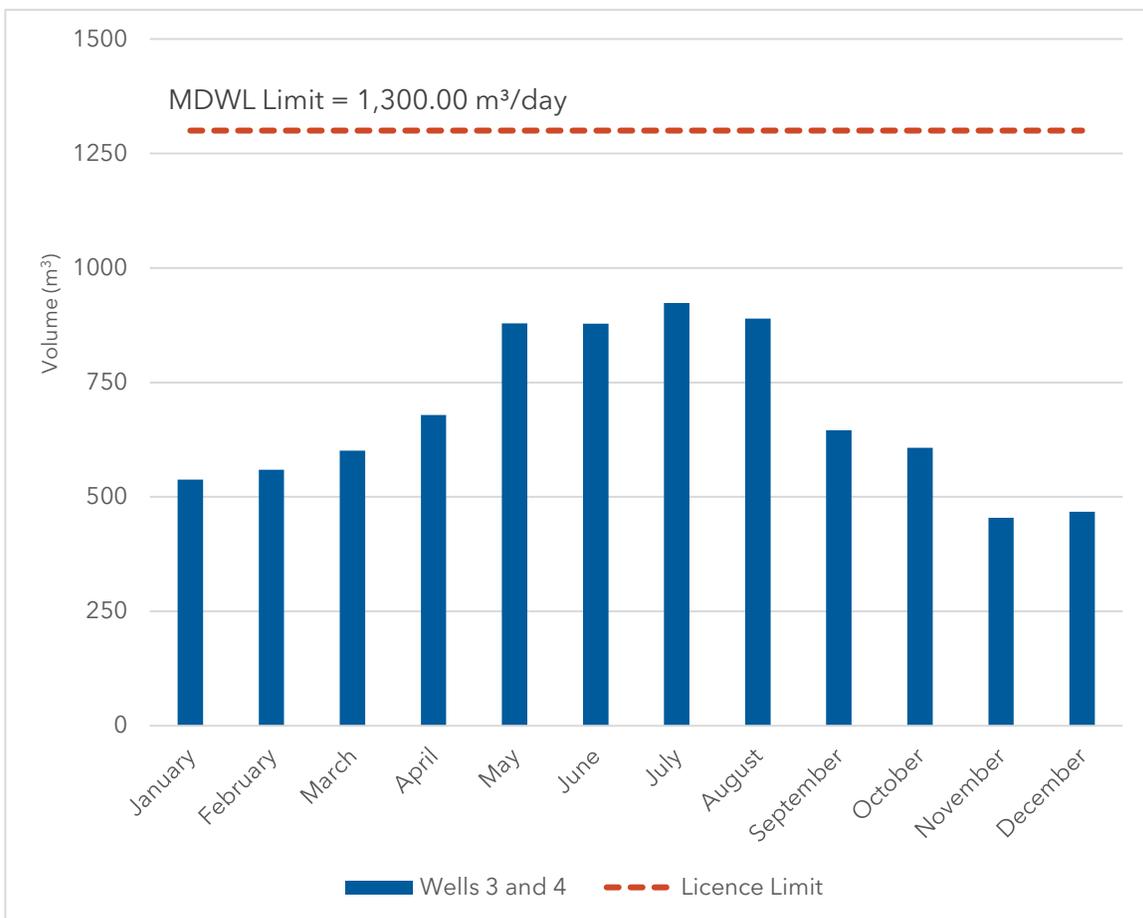
<sup>31</sup> Cheltenham Well 1 offline for maintenance November 22 to December 16, 2025

**Table 61. 2025 Inglewood Well 3 and 4 maximum daily treated water**

Month	Production (m <sup>3</sup> )
January	537.70
February	559.55
March	601.06
April	678.94
May	878.91
June	878.25
July	923.10
August	889.10
September	645.08
October	606.95
November	454.60
December	467.61

Note: 1 m<sup>3</sup> = 1,000 Litres

**Figure 55. 2025 Inglewood Well 3 and 4 maximum daily treated water**



## 4.2 South Peel Municipal Lake Ontario Based Water System

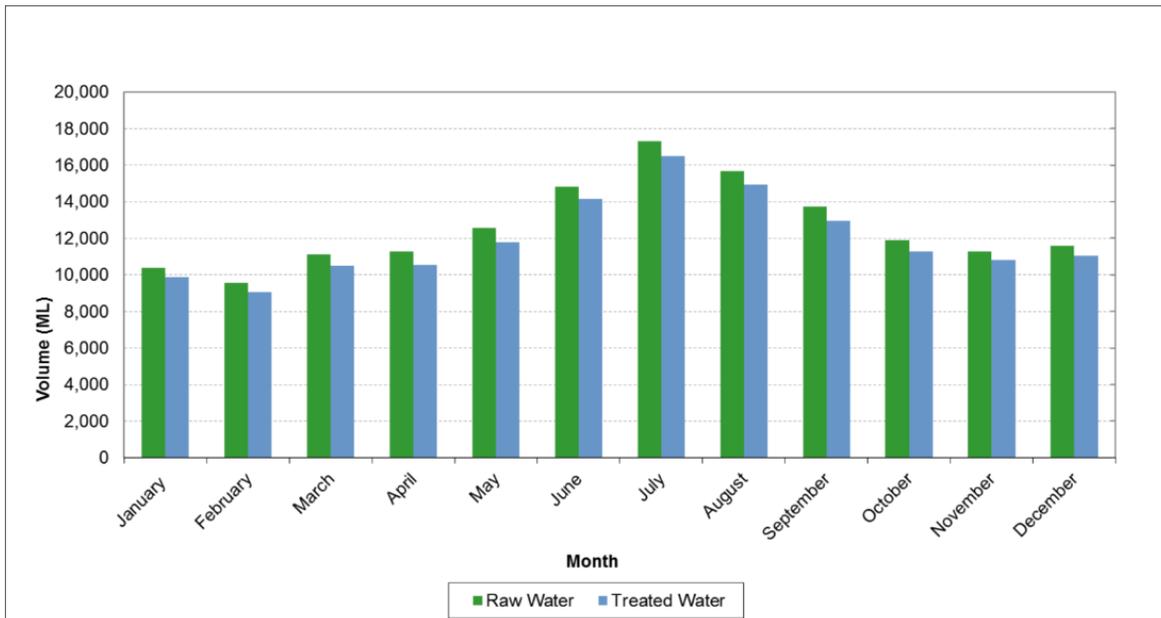
### 4.2.1 Total Monthly Volumes

Table 62. 2025 Arthur P. Kennedy WTP total monthly water volumes

Month	Total Monthly Volume (ML)	
	Raw Water	Treated Water
January	10,595	9,588
February	9,707	8,903
March	10,337	9,475
April	11,184	10,104
May	11,671	11,018
June	14,426	13,160
July	15,460	14,238
August	14,874	13,877
September	13,336	12,645
October	12,316	11,636
November	10,367	9,835
December	10,599	10,471
<b>Annual Total</b>	<b>144,871</b>	<b>134,951<sup>32</sup></b>

Note: 1 ML = 1,000,000 L = 1,000 m<sup>3</sup>

Figure 56. 2025 Arthur P. Kennedy WTP total monthly water volumes



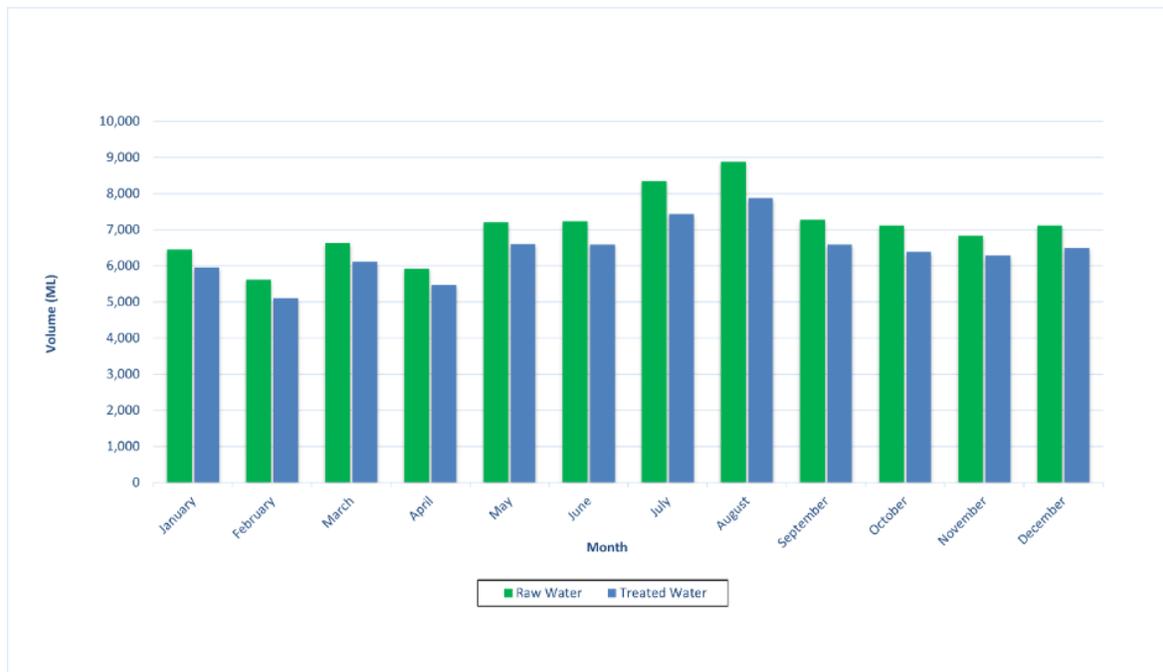
<sup>32</sup> Treated water volume is 6.8% less than raw water volume because a small portion of the water is used within the treatment plant for processes such as filter cleaning and pump cooling

**Table 63. 2025 Lorne Park WTP total monthly water volumes**

Month	Total Monthly Volume (ML)	
	Raw Water	Treated Water
January	6,451	5,962
February	5,616	5,098
March	6,634	6,103
April	5,923	5,471
May	7,199	6,615
June	7,227	6,589
July	8,348	7,442
August	8,876	7,876
September	7,270	6,588
October	7,111	6,381
November	6,832	6,286
December	7,115	6,489
<b>Annual Total</b>	<b>84,602</b>	<b>76,901<sup>33</sup></b>

Note: 1 ML = 1,000,000 L = 1,000 m<sup>3</sup>

**Figure 57. 2025 Lorne Park WTP total monthly water volumes**



<sup>33</sup> Treated water volume is 9.1% less than raw water volume because a small portion of the water is used within the treatment plant for processes such as filter cleaning, pump cooling

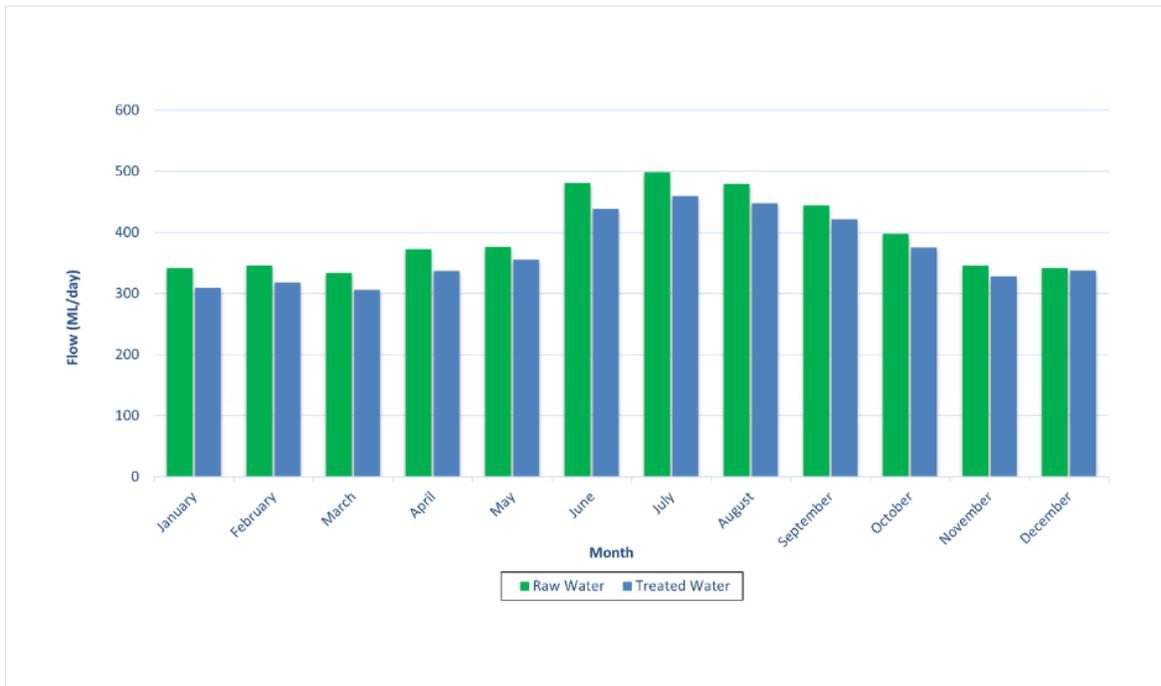
### 4.2.2 Average Daily Takings and Production

**Table 64. 2025 Arthur P. Kennedy WTP average daily water takings and production**

Month	Average Daily Volume (ML)	
	Raw Water	Treated Water
January	342	309
February	347	318
March	333	306
April	373	337
May	376	355
June	481	439
July	499	459
August	480	448
September	445	422
October	397	375
November	346	328
December	342	338
<b>Annual Average</b>	<b>397</b>	<b>369</b>

Note: 1 ML = 1,000,000 L = 1,000 m<sup>3</sup>

**Figure 58. 2025 Arthur P. Kennedy WTP average daily water takings and production**

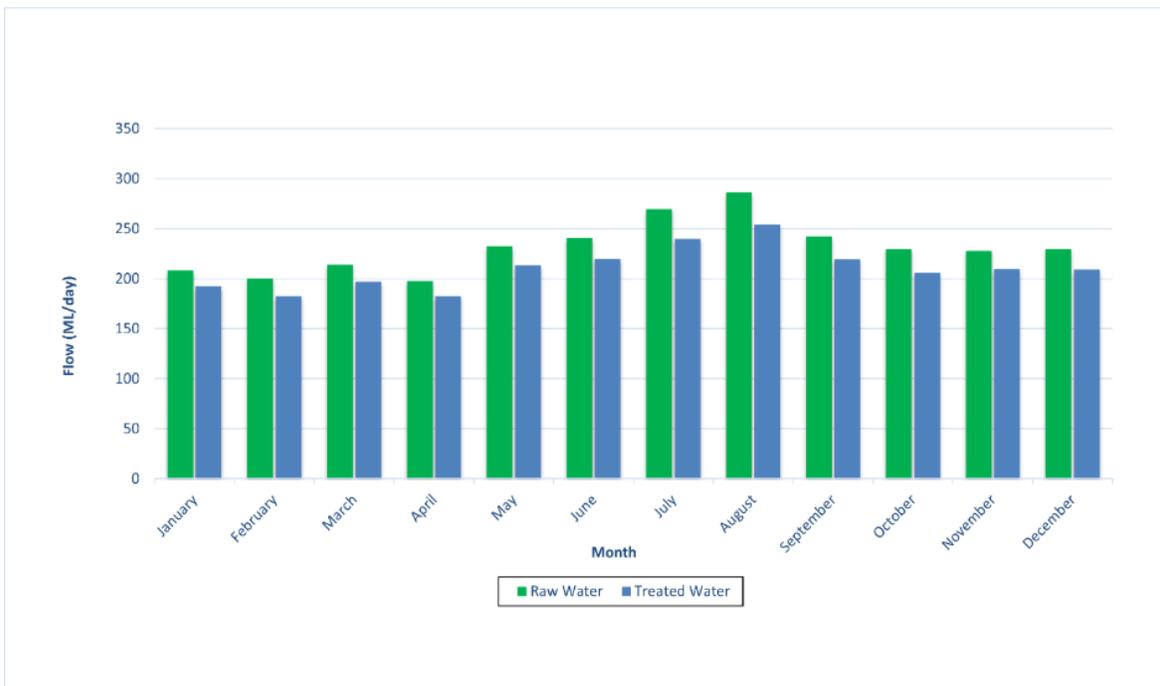


**Table 65. 2025 Lorne Park WTP average daily water taking and production**

Month	Average Daily Volume (ML)	
	Raw Water	Treated Water
January	208	192
February	201	182
March	214	197
April	197	182
May	232	213
June	241	220
July	269	240
August	286	254
September	242	220
October	229	206
November	228	210
December	230	209
<b>Annual Average</b>	<b>231</b>	<b>210</b>

Note: 1 ML = 1,000,000 L = 1,000 m<sup>3</sup>

**Figure 59. 2025 Lorne Park WTP average daily water production**



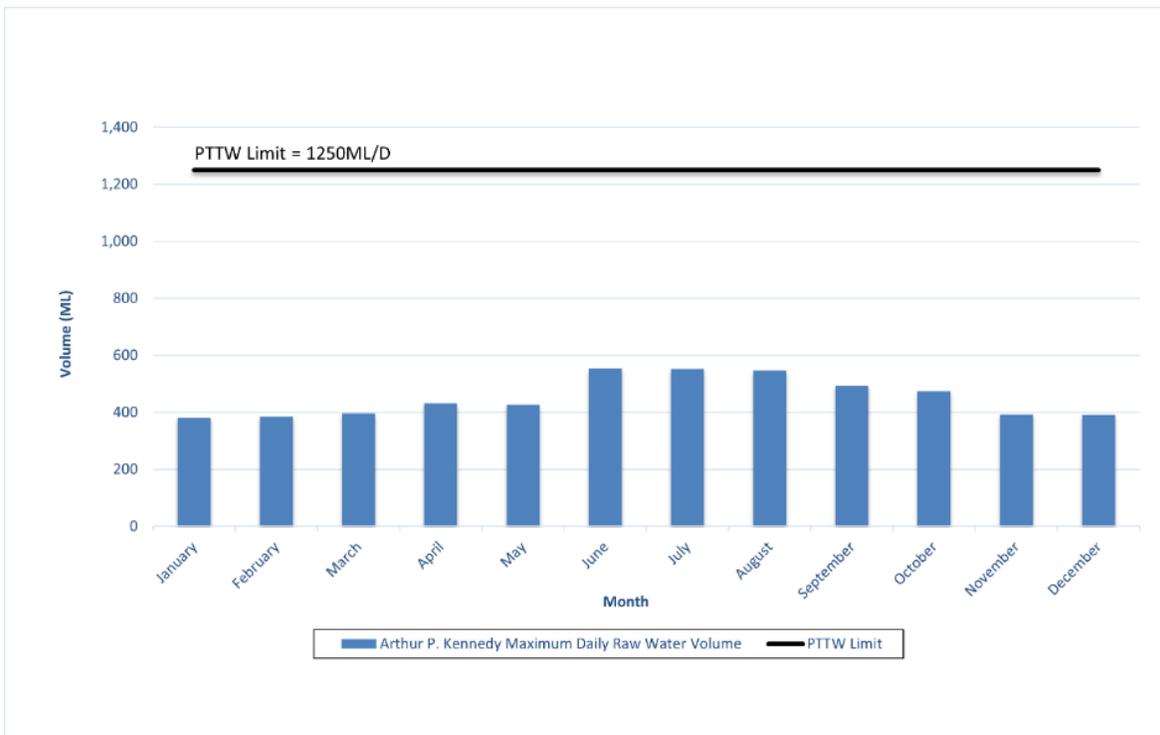
### 4.2.3 Maximum Daily Raw Water Volumes and Permit to Take Water (PTTW) Limits

Table 66. 2025 Arthur P. Kennedy WTP maximum daily raw water volumes

Month	Maximum Daily Volume (ML)
	Raw Water
January	381
February	386
March	396
April	431
May	427
June	554
July	552
August	546
September	493
October	473
November	392
December	391

Note: 1 ML = 1,000,000 L = 1,000 m<sup>3</sup>

Figure 60. 2025 Arthur P. Kennedy WTP maximum daily raw water volumes

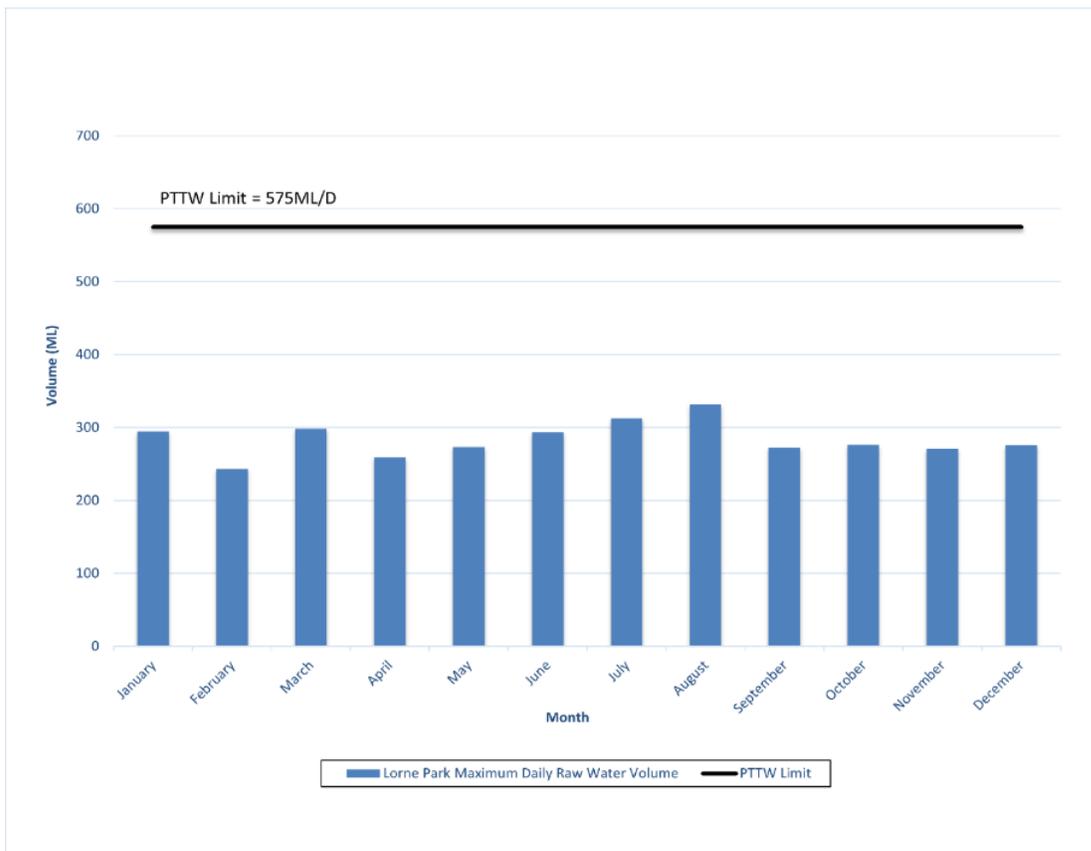


**Table 67. 2025 Lorne Park WTP maximum daily raw water volumes**

Month	Maximum Daily Volume (ML)
	Raw Water
January	295
February	243
March	298
April	259
May	273
June	293
July	312
August	331
September	272
October	276
November	271
December	275

Note: 1 ML = 1,000,000 L = 1,000 m<sup>3</sup>

**Figure 61. 2025 Lorne Park WTP Maximum Daily Raw Water Volumes**



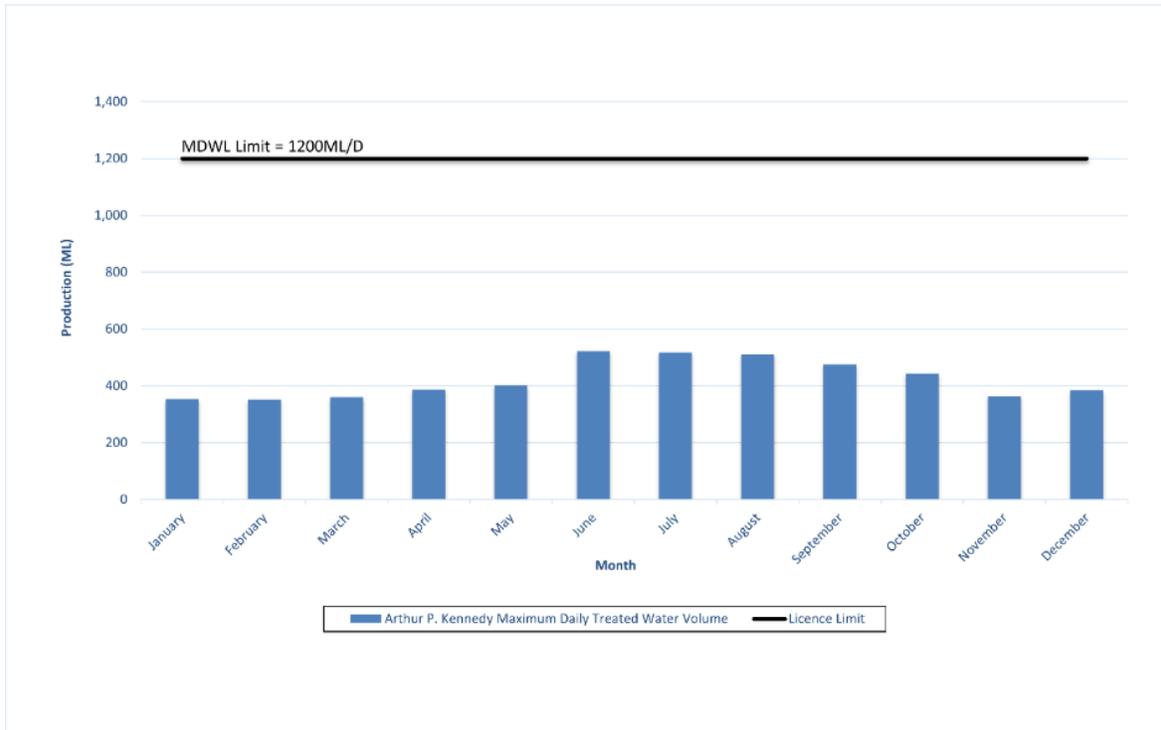
#### 4.2.4 Maximum Daily Production and Municipal Drinking Water Licence (MDWL) Limits

**Table 68. 2025 Arthur P. Kennedy WTP maximum daily treated water production**

Month	Maximum Daily Production (ML)
	Treated Water
January	354
February	351
March	360
April	386
May	402
June	521
July	518
August	512
September	475
October	443
November	363
December	384

Note: 1 ML = 1,000,000 L = 1,000 m<sup>3</sup>

**Figure 62. 2025 Arthur P. Kennedy WTP maximum daily treated water production**



**Table 69. 2025 Lorne Park WTP Maximum Daily Treated Water Production**

Month	Maximum Daily Production (ML)
	Treated Water
January	269
February	225
March	273
April	233
May	253
June	269
July	276
August	298
September	250
October	247
November	252
December	251

Note: 1 ML = 1,000,000 L = 1,000 m<sup>3</sup>

**Figure 63. 2025 Lorne Park WTP maximum daily treated water production**

