



**District of Lantzville**  
**Annual Water Report**  
**~ 2024 ~**

*Date of Report:*

*February 19, 2025*

Period of Monitoring:	January to December 2024
Water Supply Permit Number:	1310847
Location of Water System:	Lantzville, BC
Name of Owner:	District of Lantzville
Contact Person(s):	Glenn Morphy Director of Public Works District of Lantzville Phone: 250.933.2250 Fax: 250.390.5188 Email: <a href="mailto:gmorphy@lantzville.ca">gmorphy@lantzville.ca</a>

This report provides an overview of the District of Lantzville community water system that served approximately 1009 connections in 2024. This report does not cover properties served by private wells.

## Water System Description

### Source:

The District of Lantzville has six wells that produced a combined average of 865 cubic meters of water per day. Each of the six wells varies in depth from 21m to 107m. Within each well there are pumps that range in horsepower from 5hp to 20 hp. The District has stand-by generators that can supply power to the pumps in the event of a power outage.

Five of the wells are in a semi-confined aquifer. A semi-confined aquifer is an aquifer partially confined by soil layers of low permeability through which recharge and discharge can still occur. One well is located within bedrock. A bedrock well is drilled in bedrock and usually hits cracks and fissures within the rock to provide a stable source of water.

The wells, while during the winter months artesian, the overall supply typically drops during the dry season by about 15%. However, in 2024 The District of Lantzville sustained a drought although not as severe as the previous two years the aquifer still sustained an average 30% drop. In addition to the decline in supply, water demands increase substantially during the summer months, as people tend to irrigate their lawns and gardens. Therefore, the District has water restrictions to ensure conservation during these seasonal demands (see page 4). In 2025 the Public Works Department will be submitting an updated Water Conservation Plan which will include an updated water restrictions plan/policy.

In addition to the wells, the District of Lantzville receives a limited supply from the City of Nanaimo. Total allotment from the City of Nanaimo at present, if needed, would be 1,360 cubic meters per day. In 2024 the District used 322 cubic meters from the City of Nanaimo interconnection to address an emergency water drop in our reservoir that was caused by a large watermain break.

The District of Lantzville and the City of Nanaimo have an agreement in place that sees the City of Nanaimo providing the District of Lantzville with water with conditions. One of those conditions is that the District of Lantzville will maintain the same level of water restriction as the City of Nanaimo but the District may impose higher level of restrictions, if required.

Water suppliers in the Regional District of Nanaimo have adopted consistently defined water restrictions stages to minimize confusion for residents on community water systems across the region. Private wells are not subject to municipal watering restrictions, but conservation is encouraged because water is a shared resource. The following table outlines the 4 stages of water restrictions for the District of Lantzville:

STAGE		1	2	3	4
WHEN	Effective Date	As Required	As Required	Voluntary Reductions on top of Stage 2 – implemented as required, prior to enforced lawn watering ban	As Required
	Sprinkling Times	Between 7 PM – 7 AM	7-10 AM <u>OR</u> 7-10 PM for a MAX of 2 HOURS		SPRINKLING BAN: LAWN WATERING NOT PERMITTED
	Frequency	Any Day	Every Other Day Even # Houses – Even Days Odd # Houses – Odd days		
HOW	Pop-Up Spray, Rotors and Sprinklers	Only during permitted times	Only during permitted times		NOT PERMITTED
	Hand-Watering* (trees, shrubs, vegetables)	ANYTIME (advised to water in the early morning or in the evening)			ONLY BETWEEN 7-10 AM <u>OR</u> 7-10 PM
	Micro / Drip* Irrigation	ANYTIME – advised to check for leaks			
WHAT	Watering Lawns	Permitted during sprinkling times	Permitted during sprinkling times/ days		NOT PERMITTED
	Watering Ornamental Shrubs, Flowers and Trees	Permitted during sprinkling times	Permitted during sprinkling times/days		ONLY WITH DRIP or HAND WATERING
	Watering Vegetable Gardens or Fruit Trees	ANYTIME (advised to water in the early morning or in the evening - less evaporation)			ANYTIME (advised to water in the early morning or in the evening)
	Washing Vehicles, Boats, Houses	ONLY WITH HOSE WITH SHUT OFF DEVICE	ONLY WITH HOSE WITH SHUT OFF DEVICE		NOT PERMITTED Only exception is for safety
	Washing Sidewalks or Driveways	ANYTIME (advised to use a broom)	ANYTIME (advised to use a broom)		Only prior to application of paint, preservative, stucco or sealant
	Filling Fountains, Pools or Hot Tubs	ANYTIME	ANYTIME		NOT PERMITTED
	New Lawn Permits	Can apply for permit	Can apply for permit		NO PERMITS ISSUED

**Per Water System Bylaw No. 140, 2018**  
**Updated: April 30, 2018**

## **Treatment:**

The water from five wells from the Harby Road Well Field is pumped via an isolated supply line to the existing 1854.8 cubic meter concrete reservoir on Ware Road. Prior to the water supply reaching the reservoir, chlorine is injected in very small doses to eliminate the possibility of bacteria growth.

The water from one well within the Foothills is pumped via isolated supply line to a 1000 cubic meter concrete reservoir. Prior to the water reaching the reservoir, chlorine is injected in very small doses to eliminate the possibility of bacteria growth.

Prior to water entering both reservoirs, a small pump that is attached to the supply line injects chlorine into the main line entering the reservoirs. The "chlorine pumps" are controlled by the Supervisory Control and Data Acquisitions Systems (SCADA) and are activated at the same time the well pumps start. The District is very aware of the amount of chlorine that is being placed in the system. Currently, staff maintains a chlorine residual of between 0.1 mg/L and 0.3 mg/L within the distribution system.

## **Reservoirs:**

The District has three reservoirs: one at Ware Road, one on Harwood Drive and another within the Foothills. The Ware Road reservoir consists of a two-chamber 1,854 cubic meter concrete tank that is partially buried in the ground. With the two chambers, the District can drain one chamber for cleaning/repairs, while keeping the second chamber in operation. Also, at the Ware Road reservoir, there are booster pumps which alternate in pumping water to a higher elevation reservoir, and a permanent generator and the SCADA system that controls both the water and sewer systems in the District.

From the Ware Road reservoir, water is distributed in two directions. Firstly, the water is released from the reservoir via gravity to the lower pressure zone; this zone is mainly any part of the water distribution systems that is north of the Island Highway apart from a short portion of Lantzville Road. The second direction has the water being pumped from the Ware Road reservoir to a second reservoir, which is at a higher elevation on Harwood Drive.

The Harwood Road reservoir, a 660 cubic meter concrete tank, supplies the upper pressure zone. The upper pressure zone consists of any part of the water distribution system that is above (south) of the highway except for a few properties on the North side of the highway.

The District of Lantzville has a third reservoir, within the Foothills, that services the Foothills zone which is the water system that is within the Foothills Development. It is a 1,000 cubic meter concrete reservoir that provides water to the infrastructure in the Foothills development. This reservoir is connected to the District Water System and is owned by the District of Lantzville as of August 2018. The water from this reservoir can be used in any part of the Districts water system as it is connected through pressure reducing valves and can provide extra storage for fire flow purposes.

## Distribution System:

The Distribution System consists of approximately 22,696 meters of PVC (plastic) pipe. In addition to the PVC, there is approximately 11,828 meters of AC (asbestos cement) pipe, 1,096 meters of HDPE (high density polyethylene) pipe and approximately 620 meters of DI (ductile iron) for an approximate total of 36,240 meters.

The following table shows the different pipes and lengths of those pipes that are in the District's water distribution system:

Type of Pipe	Length
200 Millimeter – PVC	14,199 Meters (M)
250 Millimeter – PVC	5,445 M
300 Millimeter – PVC	1,874 M
350 Millimeter – PVC	543 M
150 Millimeter – PVC	485 M
100 Millimeter – PVC	150 M
100 Millimeter – HDPE	1,096 M
100 Millimeter – Asbestos Cement (AC)	4,683 M
150 Millimeter – AC	6,260 M
200 Millimeter – AC	825 M
250 Millimeter – AC	60 M
250 Millimeter – Ductile Iron (DI)	620 M

In addition to the amount of water pipes, there are eight pressure-reducing valves (PRVs) and approximately 1009 service connections.

With several separate pressure zones within the District's water system there is a need for interconnections to increase fire flow capacity. A PRV allows this interconnection. When the pressure on the lower side drops (only happens when we see a large main break or a when a fire requires an abundance of water), the PRV opens and water is supplied from the upper pressure zone to the lower pressure zone. When the pressure in the lower zone returns to normal, the PRVs are then closed, separating the zones once again.

There are currently 32 dead ends in the water system. There are no areas where the water goes stagnant within the water system. This is due to the District's Annual Uni-Directional Flushing Program which occurs from March to April.

# Improvements and Emergent Projects:

The District of Lantzville continues to update and upgrade the water infrastructure.

Planned and emergent projects completed in 2024.

- Completed the watermain replacement on Harby Road East, Joy Way and Rossiter Ave
- Replaced 18 water meters and installed 13 new meters
- Large watermain repair on Lynn Drive and several water service repairs throughout Lantzville
- Completed an emergency repair at the Harby Road well field as well pump #5 failed
- Foothills emergent replacement as Verifiable Frequency Drive (VFD) failed due to lightning strike
- Ware Road emergent replacement as Verifiable Frequency Drive (VFD) failed due to lightning strike
- Repaired and installed new buster pumps at Ware Road Reservoir that has improved efficiency

## Water System Maintenance

Following best practices, the District of Lantzville water system maintenance is as follows:

### Source

Maintenance on the Wells and Kiosks:

- Back flush every 7 to 10 years
- Remove vegetation every 1 to 2 years
- Wire brush and re-paint piping every 2 to 5 years
- Visual check daily
- Annual water sample testing

### Treatment

Maintenance on the Chlorinator:

- Equipment taken apart and cleaned twice per year
- Hypochlorite solution is added once a week or as needed
- Chlorine levels are adjusted as needed

### Reservoirs

Maintenance on the Reservoirs:

- Drained and cleaned every five years or as needed
- Daily/Weekly/Monthly inspections of hatches and venting
- Concrete integrity
- Landscape

### Distribution System

Maintenance of the Distribution System:

- Entire system flush twice per year
- Hydrants disassemble and re-assemble once per year
- Meter replacement
- Brush around hydrants as necessary
- Weekly water sample collecting
- Leak Detection Program

# Water Sampling and Testing Program

As per the requirements of Island Health, the District of Lantzville collects samples from 13 locations on the treated side of the water system monthly for testing. In 2024, the District of Lantzville received 0 positive test results for coliform or E-coli through the sampling program and is fully compliant with all regulations.

**Monitoring for coliform/E-coli, as per Section 11 of the *Drinking Water Protection Act* and Section 8 of the *Drinking Water Protection Regulation***

## DISTRICT OF LANTZVILLE

**Facility Location:** 7182 Lantzville Road, Lantzville

**Facility Information:** Facility Type: 301-10000 (DWT)

**Facility Sampling History:** No Coliform or E-coli

### Annual Untreated Water Testing

On a yearly basis, the District carries out a broader range of testing than is required on a weekly or quarterly basis.

During the annual sampling, water is collected directly from the well prior to any treatment. These samples are then sent off to a lab that has the capability to carry out the full range of testing required.

The following report from BV Labs is for the untreated water testing the District does on different wells annually. In 2024, the Foothills well, well 4 and well 12 were sampled and tested and the results are as follows:





Bureau Veritas Job #: C481179  
Report Date: 2024/10/24

DISTRICT OF LANTZVILLE  
Your P.O. #: 955641

**VIHA PKG, WELLS/SPRINGS - BURNABY (WATER)**

Bureau Veritas ID		CXL840		CXL841		CXL842		
Sampling Date		2024/10/09 09:00		2024/10/09 08:00		2024/10/09 08:15		
COC Number		C#738834-01-01		C#738834-01-01		C#738834-01-01		
	UNITS	FOOTHILL WELL D4	RDL	WELL 12	QC Batch	WELL 4	RDL	QC Batch
<b>ANIONS</b>								
Nitrite (N)	mg/L	<0.0050	0.0050	<0.0050	B560767	<0.0050	0.0050	B560767
<b>Calculated Parameters</b>								
Total Hardness (CaCO <sub>3</sub> )	mg/L	52.8	0.50	77.4	B557807	84.1	0.50	B557807
Nitrate (N)	mg/L	<0.020	0.020	0.675	B557818	1.35	0.020	B557818
Total Organic Nitrogen (N)	mg/L	0.073	0.020	0.122	B558821	<0.020	0.020	B558821
Sulphide (as H <sub>2</sub> S)	mg/L	0.0029	0.0020	<0.0020	B557402	0.0029	0.0020	B557402
<b>Misc. Inorganics</b>								
Conductivity	uS/cm	300	2.0	210	B560413	250	2.0	B560708
pH	pH	8.61	N/A	6.74	B560405	7.10	N/A	B560699
Total Organic Carbon (C)	mg/L	0.83	0.50	<0.50	B573078	<0.50	0.50	B573078
Total Dissolved Solids	mg/L	210	10	160	B559059	170	10	B559059
<b>Anions</b>								
Alkalinity (PP as CaCO <sub>3</sub> )	mg/L	7.0	1.0	<1.0	B560411	<1.0	1.0	B560707
Alkalinity (Total as CaCO <sub>3</sub> )	mg/L	150	1.0	51	B560411	61	1.0	B560707
Bicarbonate (HCO <sub>3</sub> )	mg/L	160	1.0	63	B560411	75	1.0	B560707
Carbonate (CO <sub>3</sub> )	mg/L	8.4	1.0	<1.0	B560411	<1.0	1.0	B560707
Dissolved Fluoride (F)	mg/L	0.058	0.050	<0.050	B560718	<0.050	0.050	B560718
Hydroxide (OH)	mg/L	<1.0	1.0	<1.0	B560411	<1.0	1.0	B560707
Total Sulphide	mg/L	0.0027	0.0018	<0.0018	B566299	0.0027	0.0018	B566299
Chloride (Cl)	mg/L	1.5	1.0	27	B560737	30	1.0	B560737
Sulphate (SO <sub>4</sub> )	mg/L	5.6	1.0	6.0	B560737	6.1	1.0	B560737
<b>MISCELLANEOUS</b>								
True Colour	Col. Unit	3.4	2.0	<2.0	B559434	<2.0	2.0	B559434
Transmittance at 254nm	%T/cm	94	N/A	99	B563176	99	N/A	B563176
<b>Nutrients</b>								
Total Ammonia (N)	mg/L	<0.015	0.015	<0.015	B573461	<0.015	0.015	B573461
Nitrate plus Nitrite (N)	mg/L	<0.020	0.020	0.675	B560766	1.35	0.020	B560766
Total Nitrogen (N)	mg/L	0.073	0.020	0.797	B575097	1.21 (1)	0.020	B575097
<b>Physical Properties</b>								
Turbidity	NTU	0.14	0.10	0.13	B559216	<0.10	0.10	B559216
RDL = Reportable Detection Limit N/A = Not Applicable (1) Nitrogen < Nitrate: Both values fall within the method uncertainty for duplicates and are likely equivalent.								



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	UNITS	FOOTHILL WELL D4	RDL	WELL 12	QC Batch	WELL 4	RDL	QC Batch
<b>Elements</b>								
Total Mercury (Hg)	ug/L	<0.0019	0.0019	<0.0019	B561046	<0.0019	0.0019	B561046
<b>Total Metals by ICPMS</b>								
Total Aluminum (Al)	ug/L	<6.0	6.0	<3.0	B562093	<3.0	3.0	B562093
Total Antimony (Sb)	ug/L	<1.0	1.0	<0.50	B562093	<0.50	0.50	B562093
Total Arsenic (As)	ug/L	5.68	0.20	<0.10	B562093	<0.10	0.10	B562093
Total Barium (Ba)	ug/L	<2.0	2.0	8.6	B562093	9.0	1.0	B562093
Total Beryllium (Be)	ug/L	<0.20	0.20	<0.10	B562093	<0.10	0.10	B562093
Total Bismuth (Bi)	ug/L	<2.0	2.0	<1.0	B562093	<1.0	1.0	B562093
Total Boron (B)	ug/L	2480	100	58	B562093	120	50	B562093
Total Cadmium (Cd)	ug/L	<0.020	0.020	<0.010	B562093	<0.010	0.010	B562093
Total Chromium (Cr)	ug/L	<2.0	2.0	<1.0	B562093	<1.0	1.0	B562093
Total Cobalt (Co)	ug/L	<0.40	0.40	<0.20	B562093	<0.20	0.20	B562093
Total Copper (Cu)	ug/L	<0.40	0.40	0.51	B562093	1.13	0.20	B562093
Total Iron (Fe)	ug/L	<10	10	26.1	B562093	<5.0	5.0	B562093
Total Lead (Pb)	ug/L	0.45	0.40	<0.20	B562093	<0.20	0.20	B562093
Total Manganese (Mn)	ug/L	5.2	2.0	<1.0	B562093	<1.0	1.0	B562093
Total Molybdenum (Mo)	ug/L	<2.0	2.0	<1.0	B562093	<1.0	1.0	B562093
Total Nickel (Ni)	ug/L	<2.0	2.0	<1.0	B562093	<1.0	1.0	B562093
Total Selenium (Se)	ug/L	<0.20	0.20	<0.10	B562093	<0.10	0.10	B562093
Total Silicon (Si)	ug/L	16300	200	11800	B562093	12100	100	B562093
Total Silver (Ag)	ug/L	<0.040	0.040	<0.020	B562093	<0.020	0.020	B562093
Total Strontium (Sr)	ug/L	81.8	2.0	63.5	B562093	77.3	1.0	B562093
Total Thallium (Tl)	ug/L	<0.020	0.020	<0.010	B562093	<0.010	0.010	B562093
Total Tin (Sn)	ug/L	<10	10	<5.0	B562093	<5.0	5.0	B562093
Total Titanium (Ti)	ug/L	<10	10	<5.0	B562093	<5.0	5.0	B562093
Total Uranium (U)	ug/L	<0.20	0.20	<0.10	B562093	<0.10	0.10	B562093
Total Vanadium (V)	ug/L	<10	10	<5.0	B562093	<5.0	5.0	B562093
Total Zinc (Zn)	ug/L	<10	10	<5.0	B562093	<5.0	5.0	B562093
Total Zirconium (Zr)	ug/L	<0.20	0.20	<0.10	B562093	<0.10	0.10	B562093
Total Calcium (Ca)	mg/L	13.1	0.10	20.2	B557814	21.9	0.050	B557814
Total Magnesium (Mg)	mg/L	4.88	0.10	6.54	B557814	7.13	0.050	B557814
Total Potassium (K)	mg/L	<0.10	0.10	0.307	B557814	0.394	0.050	B557814
RDL = Reportable Detection Limit								



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<b>COC Number</b>		C#738834-01-01		C#738834-01-01		C#738834-01-01		
	<b>UNITS</b>	<b>FOOTHILL WELL D4</b>	<b>RDL</b>	<b>WELL 12</b>	<b>QC Batch</b>	<b>WELL 4</b>	<b>RDL</b>	<b>QC Batch</b>
Total Sodium (Na)	mg/L	54.0	0.10	7.42	B557814	12.9	0.050	B557814
Total Sulphur (S)	mg/L	<6.0	6.0	<3.0	B557814	<3.0	3.0	B557814
<b>Microbiological Param.</b>								
Heterotrophic Plate Count	CFU/mL	1	1	<1	B558896	<1	1	B558896
Iron Bacteria	CFU/mL	<25	25	<25	B558897	<25	25	B558897
Sulphate reducing bacteria	CFU/mL	<75	75	<75	B558898	<75	75	B558898
Total Coliforms	CFU/100mL	0	N/A	0	B558899	0	N/A	B558899
E. coli	CFU/100mL	0	N/A	0	B558899	0	N/A	B558899
<b>Calculated Parameters</b>								
Langelier Index (@ 4.4C)	N/A	0.252	N/A	-1.86	B558823	-1.39	N/A	B558823
Langelier Index (@ 60C)	N/A	0.993	N/A	-1.09	B558825	-0.620	N/A	B558825
Saturation pH (@ 4.4C)	N/A	8.36	N/A	8.60	B558823	8.49	N/A	B558823
Saturation pH (@ 60C)	N/A	7.62	N/A	7.83	B558825	7.72	N/A	B558825
RDL = Reportable Detection Limit N/A = Not Applicable								



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### QUALITY ASSURANCE REPORT

DISTRICT OF LANTZVILLE  
Your P.O. #: 955641

QC Batch	Parameter	Date	Matrix Spike		Spiked Blank		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
B559059	Total Dissolved Solids	2024/10/11	100	80 - 120			<10	mg/L	5.1	20
B559216	Turbidity	2024/10/10			102	80 - 120	<0.10	NTU	3.6	20
B559434	True Colour	2024/10/10			100	80 - 120	<2.0	Col. Unit	NC	20
B560405	pH	2024/10/10			100	97 - 103				
B560411	Alkalinity (PP as CaCO3)	2024/10/10					<1.0	mg/L	NC	20
B560411	Alkalinity (Total as CaCO3)	2024/10/10			97	80 - 120	<1.0	mg/L	NC	20
B560411	Bicarbonate (HCO3)	2024/10/10					<1.0	mg/L	NC	20
B560411	Carbonate (CO3)	2024/10/10					<1.0	mg/L	NC	20
B560411	Hydroxide (OH)	2024/10/10					<1.0	mg/L	NC	20
B560413	Conductivity	2024/10/10			100	90 - 110	<2.0	uS/cm		
B560699	pH	2024/10/10			100	97 - 103	<1.0	mg/L	0.74	N/A
B560707	Alkalinity (PP as CaCO3)	2024/10/10					<1.0	mg/L		
B560707	Alkalinity (Total as CaCO3)	2024/10/10			97	80 - 120	<1.0	mg/L		
B560707	Bicarbonate (HCO3)	2024/10/10					<1.0	mg/L		
B560707	Carbonate (CO3)	2024/10/10					<1.0	mg/L		
B560707	Hydroxide (OH)	2024/10/10					<1.0	mg/L		
B560708	Conductivity	2024/10/10			102	90 - 110	<2.0	uS/cm		
B560718	Dissolved Fluoride (F)	2024/10/10	96	80 - 120	97	80 - 120	<0.050	mg/L	NC	20
B560737	Chloride (Cl)	2024/10/11	104	80 - 120	99	80 - 120	<1.0	mg/L	NC	20
B560737	Sulphate (SO4)	2024/10/11	96	80 - 120	93	80 - 120	<1.0	mg/L		
B560766	Nitrate plus Nitrite (N)	2024/10/10	108	80 - 120	112	80 - 120	<0.020	mg/L	2.0	25
B560767	Nitrite (N)	2024/10/10	25 (1)	80 - 120	105	80 - 120	<0.0050	mg/L	NC	20
B561046	Total Mercury (Hg)	2024/10/11	97	80 - 120	93	80 - 120	<0.0019	ug/L	NC	20
B562093	Total Aluminum (Al)	2024/10/15	97	80 - 120	95	80 - 120	<3.0	ug/L		
B562093	Total Antimony (Sb)	2024/10/15	100	80 - 120	101	80 - 120	<0.50	ug/L		
B562093	Total Arsenic (As)	2024/10/15	103	80 - 120	102	80 - 120	<0.10	ug/L	NC	20
B562093	Total Barium (Ba)	2024/10/15	99	80 - 120	99	80 - 120	<1.0	ug/L		
B562093	Total Beryllium (Be)	2024/10/15	104	80 - 120	106	80 - 120	<0.10	ug/L		
B562093	Total Bismuth (Bi)	2024/10/15	97	80 - 120	97	80 - 120	<1.0	ug/L		
B562093	Total Boron (B)	2024/10/15	NC	80 - 120	109	80 - 120	<50	ug/L		
B562093	Total Cadmium (Cd)	2024/10/15	100	80 - 120	100	80 - 120	<0.010	ug/L		
B562093	Total Chromium (Cr)	2024/10/15	90	80 - 120	91	80 - 120	<1.0	ug/L		
B562093	Total Cobalt (Co)	2024/10/15	92	80 - 120	92	80 - 120	<0.20	ug/L		

# 2024 Water Flow Reporting



Bureau Veritas Job #: C481179  
Report Date: 2024/10/24

## QUALITY ASSURANCE REPORT(CONT'D)

DISTRICT OF LANTZVILLE  
Your P.O. #: 955641

QC Batch	Parameter	Date	Matrix Spike		Spiked Blank		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
B562093	Total Copper (Cu)	2024/10/15	92	80 - 120	92	80 - 120	<0.20	ug/L		
B562093	Total Iron (Fe)	2024/10/15	100	80 - 120	101	80 - 120	<5.0	ug/L		
B562093	Total Lead (Pb)	2024/10/15	95	80 - 120	95	80 - 120	<0.20	ug/L		
B562093	Total Manganese (Mn)	2024/10/15	94	80 - 120	96	80 - 120	<1.0	ug/L		
B562093	Total Molybdenum (Mo)	2024/10/15	102	80 - 120	102	80 - 120	<1.0	ug/L		
B562093	Total Nickel (Ni)	2024/10/15	97	80 - 120	96	80 - 120	<1.0	ug/L		
B562093	Total Selenium (Se)	2024/10/15	98	80 - 120	100	80 - 120	<0.10	ug/L		
B562093	Total Silicon (Si)	2024/10/15	106	80 - 120	105	80 - 120	<100	ug/L		
B562093	Total Silver (Ag)	2024/10/15	96	80 - 120	97	80 - 120	<0.020	ug/L		
B562093	Total Strontium (Sr)	2024/10/15	NC	80 - 120	94	80 - 120	<1.0	ug/L		
B562093	Total Thallium (Tl)	2024/10/15	101	80 - 120	97	80 - 120	<0.010	ug/L		
B562093	Total Tin (Sn)	2024/10/15	105	80 - 120	102	80 - 120	<5.0	ug/L		
B562093	Total Titanium (Ti)	2024/10/15	98	80 - 120	96	80 - 120	<5.0	ug/L		
B562093	Total Uranium (U)	2024/10/15	89	80 - 120	94	80 - 120	<0.10	ug/L		
B562093	Total Vanadium (V)	2024/10/15	91	80 - 120	90	80 - 120	<5.0	ug/L		
B562093	Total Zinc (Zn)	2024/10/15	100	80 - 120	99	80 - 120	<5.0	ug/L		
B562093	Total Zirconium (Zr)	2024/10/15	95	80 - 120	102	80 - 120	<0.10	ug/L		
B563176	Transmittance at 254nm	2024/10/11			101	97 - 103			0.051	25
B566299	Total Sulphide	2024/10/16	42 (1)	80 - 120	87	80 - 120	<0.0018	mg/L	2.6	20
B573078	Total Organic Carbon (C)	2024/10/21	99	80 - 120	98	80 - 120	<0.50	mg/L	1.2	20
B573461	Total Ammonia (N)	2024/10/21	NC	80 - 120	100	80 - 120	<0.015	mg/L	0.88	20
B575097	Total Nitrogen (N)	2024/10/23	100	80 - 120	105	80 - 120	<0.020	mg/L	1.9	20

N/A = Not Applicable

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spike amount was too small to permit a reliable recovery calculation (matrix spike concentration was less than the native sample concentration)

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference <= 2x RDL).  
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

On a monthly basis, the Public Works Department obtains monthly water flow reporting which tracks water flow at various locations. Copies of those reports are below:



Month of: January, 2024

## Water Flows

Date	LPZ Flow	UPZ Flow	Foothills Well	Ware Rd from Wellfield	Harwood to Foothills	Harwood Outlet
2024-01-01	397 m <sup>3</sup>	238 m <sup>3</sup>	0 m <sup>3</sup>	558 m <sup>3</sup>	0 m <sup>3</sup>	44.61 m <sup>3</sup>
2024-01-02	384 m <sup>3</sup>	213 m <sup>3</sup>	155.65 m <sup>3</sup>	608 m <sup>3</sup>	0 m <sup>3</sup>	27.61 m <sup>3</sup>
2024-01-03	386 m <sup>3</sup>	364 m <sup>3</sup>	0 m <sup>3</sup>	682 m <sup>3</sup>	0 m <sup>3</sup>	51.16 m <sup>3</sup>
2024-01-04	395 m <sup>3</sup>	236 m <sup>3</sup>	107.91 m <sup>3</sup>	593 m <sup>3</sup>	0 m <sup>3</sup>	14.72 m <sup>3</sup>
2024-01-05	390 m <sup>3</sup>	109 m <sup>3</sup>	40.25 m <sup>3</sup>	442 m <sup>3</sup>	0 m <sup>3</sup>	0.18 m <sup>3</sup>
2024-01-06	390 m <sup>3</sup>	81 m <sup>3</sup>	0.99 m <sup>3</sup>	390 m <sup>3</sup>	0 m <sup>3</sup>	2.25 m <sup>3</sup>
2024-01-07	413 m <sup>3</sup>	173 m <sup>3</sup>	136.68 m <sup>3</sup>	563 m <sup>3</sup>	0 m <sup>3</sup>	2.68 m <sup>3</sup>
2024-01-08	393 m <sup>3</sup>	146 m <sup>3</sup>	0 m <sup>3</sup>	494 m <sup>3</sup>	0 m <sup>3</sup>	0.36 m <sup>3</sup>
2024-01-09	394 m <sup>3</sup>	170 m <sup>3</sup>	147.41 m <sup>3</sup>	569 m <sup>3</sup>	0 m <sup>3</sup>	0.12 m <sup>3</sup>
2024-01-10	388 m <sup>3</sup>	181 m <sup>3</sup>	0 m <sup>3</sup>	485 m <sup>3</sup>	0 m <sup>3</sup>	0.25 m <sup>3</sup>
2024-01-11	400 m <sup>3</sup>	189 m <sup>3</sup>	143.24 m <sup>3</sup>	547 m <sup>3</sup>	0 m <sup>3</sup>	0.42 m <sup>3</sup>
2024-01-12	381 m <sup>3</sup>	180 m <sup>3</sup>	0 m <sup>3</sup>	560 m <sup>3</sup>	0 m <sup>3</sup>	0.24 m <sup>3</sup>
2024-01-13	389 m <sup>3</sup>	194 m <sup>3</sup>	118.07 m <sup>3</sup>	539 m <sup>3</sup>	0 m <sup>3</sup>	0.58 m <sup>3</sup>
2024-01-14	436 m <sup>3</sup>	179 m <sup>3</sup>	20.74 m <sup>3</sup>	583 m <sup>3</sup>	0 m <sup>3</sup>	1.66 m <sup>3</sup>
2024-01-15	465 m <sup>3</sup>	23 m <sup>3</sup>	104.9 m <sup>3</sup>	406 m <sup>3</sup>	0 m <sup>3</sup>	0.17 m <sup>3</sup>
2024-01-16	431 m <sup>3</sup>	147 m <sup>3</sup>	33.4 m <sup>3</sup>	553 m <sup>3</sup>	0 m <sup>3</sup>	0.76 m <sup>3</sup>
2024-01-17	376 m <sup>3</sup>	173 m <sup>3</sup>	69.55 m <sup>3</sup>	464 m <sup>3</sup>	0 m <sup>3</sup>	0.3 m <sup>3</sup>
2024-01-18	403 m <sup>3</sup>	187 m <sup>3</sup>	65.92 m <sup>3</sup>	594 m <sup>3</sup>	0 m <sup>3</sup>	0.04 m <sup>3</sup>
2024-01-19	386 m <sup>3</sup>	180 m <sup>3</sup>	77.89 m <sup>3</sup>	529 m <sup>3</sup>	0 m <sup>3</sup>	0.04 m <sup>3</sup>
2024-01-20	372 m <sup>3</sup>	186 m <sup>3</sup>	55.65 m <sup>3</sup>	535 m <sup>3</sup>	0 m <sup>3</sup>	0.48 m <sup>3</sup>
2024-01-21	395 m <sup>3</sup>	148 m <sup>3</sup>	107.13 m <sup>3</sup>	503 m <sup>3</sup>	0 m <sup>3</sup>	1.06 m <sup>3</sup>
2024-01-22	398 m <sup>3</sup>	29 m <sup>3</sup>	46.5 m <sup>3</sup>	330 m <sup>3</sup>	0 m <sup>3</sup>	0.39 m <sup>3</sup>
2024-01-23	385 m <sup>3</sup>	166 m <sup>3</sup>	127.79 m <sup>3</sup>	554 m <sup>3</sup>	0 m <sup>3</sup>	0.39 m <sup>3</sup>
2024-01-24	388 m <sup>3</sup>	172 m <sup>3</sup>	10.57 m <sup>3</sup>	499 m <sup>3</sup>	0 m <sup>3</sup>	0.39 m <sup>3</sup>
2024-01-25	378 m <sup>3</sup>	193 m <sup>3</sup>	53.59 m <sup>3</sup>	502 m <sup>3</sup>	0 m <sup>3</sup>	0.39 m <sup>3</sup>
2024-01-26	374 m <sup>3</sup>	177 m <sup>3</sup>	91.57 m <sup>3</sup>	540 m <sup>3</sup>	0 m <sup>3</sup>	0.18 m <sup>3</sup>
2024-01-27	375 m <sup>3</sup>	197 m <sup>3</sup>	4.27 m <sup>3</sup>	534 m <sup>3</sup>	0 m <sup>3</sup>	1.59 m <sup>3</sup>
2024-01-28	415 m <sup>3</sup>	182 m <sup>3</sup>	136.3 m <sup>3</sup>	579 m <sup>3</sup>	0 m <sup>3</sup>	2.59 m <sup>3</sup>
2024-01-29	384 m <sup>3</sup>	75 m <sup>3</sup>	0 m <sup>3</sup>	406 m <sup>3</sup>	0 m <sup>3</sup>	0.3 m <sup>3</sup>
2024-01-31	407 m <sup>3</sup>	97 m <sup>3</sup>	144.99 m <sup>3</sup>	456 m <sup>3</sup>	0 m <sup>3</sup>	1.9 m <sup>3</sup>
Sum Total	11868 m <sup>3</sup>	4985 m <sup>3</sup>	2000.95 m <sup>3</sup>	15597 m <sup>3</sup>	0 m <sup>3</sup>	157.83 m <sup>3</sup>
Average	395.6 m <sup>3</sup>	166.17 m <sup>3</sup>	66.7 m <sup>3</sup>	519.9 m <sup>3</sup>	0 m <sup>3</sup>	5.26 m <sup>3</sup>
Max Date	2024-01-15	2024-01-03	2024-01-02	2024-01-03	2024-01-01	2024-01-03
Maximum	465 m <sup>3</sup>	364 m <sup>3</sup>	155.65 m <sup>3</sup>	682 m <sup>3</sup>	0 m <sup>3</sup>	51.16 m <sup>3</sup>
Min Date	2024-01-20	2024-01-15	2024-01-01	2024-01-22	2024-01-01	2024-01-18
Minimum	372 m <sup>3</sup>	23 m <sup>3</sup>	0 m <sup>3</sup>	330 m <sup>3</sup>	0 m <sup>3</sup>	0.04 m <sup>3</sup>





# Water Flows

Month of: February, 2024

Date	LPZ Flow	UPZ Flow	Foothills Well	Ware Rd from Wellfield	Harwood to Foothills	Harwood Outlet
2024-02-01	370 m³	193 m³	162.09 m³	504 m³	0 m³	2.82 m³
2024-02-02	361 m³	181 m³	0 m³	518 m³	0 m³	1.09 m³
2024-02-03	361 m³	197 m³	151.38 m³	524 m³	0 m³	0.41 m³
2024-02-04	372 m³	182 m³	0 m³	544 m³	0 m³	2.64 m³
2024-02-05	350 m³	78 m³	54.87 m³	369 m³	0 m³	0.12 m³
2024-02-06	366 m³	228 m³	88.66 m³	586 m³	0 m³	33.76 m³
2024-02-07	357 m³	56 m³	2.99 m³	371 m³	0 m³	0.26 m³
2024-02-08	383 m³	167 m³	140.31 m³	457 m³	0 m³	9.31 m³
2024-02-09	371 m³	179 m³	0 m³	517 m³	0 m³	3.02 m³
2024-02-10	352 m³	201 m³	154.71 m³	531 m³	0 m³	0.27 m³
2024-02-11	372 m³	183 m³	0 m³	539 m³	0 m³	1.51 m³
2024-02-12	373 m³	194 m³	139.24 m³	525 m³	0 m³	0.31 m³
2024-02-13	357 m³	117 m³	0 m³	420 m³	0 m³	0.8 m³
2024-02-14	368 m³	54 m³	122.46 m³	369 m³	0 m³	0.36 m³
2024-02-15	377 m³	169 m³	0 m³	544 m³	0 m³	0.36 m³
2024-02-16	363 m³	186 m³	134.35 m³	492 m³	0 m³	0.17 m³
2024-02-17	355 m³	201 m³	17.64 m³	528 m³	0 m³	0.56 m³
2024-02-18	357 m³	184 m³	31.91 m³	464 m³	0 m³	1.02 m³
2024-02-19	372 m³	200 m³	108.68 m³	572 m³	0 m³	3.01 m³
2024-02-20	450 m³	118 m³	11.65 m³	515 m³	0 m³	5.32 m³
2024-02-21	373 m³	86 m³	130.91 m³	373 m³	0 m³	2.98 m³
2024-02-22	385 m³	138 m³	0 m³	525 m³	0 m³	0.61 m³
2024-02-23	359 m³	165 m³	152.26 m³	467 m³	0 m³	0.61 m³
2024-02-24	355 m³	197 m³	0 m³	534 m³	0 m³	0.4 m³
2024-02-25	368 m³	191 m³	146.17 m³	476 m³	0 m³	1.32 m³
2024-02-26	351 m³	193 m³	12.91 m³	557 m³	0 m³	0.95 m³
2024-02-27	358 m³	185 m³	54.42 m³	453 m³	0 m³	0.56 m³
2024-02-29	343 m³	183 m³	90.51 m³	465 m³	0 m³	0.56 m³
Sum Total	10279 m³	4606 m³	1908.13 m³	13739 m³	0 m³	75.1 m³
Average	367.11 m³	164.5 m³	68.15 m³	490.68 m³	0 m³	2.68 m³
Max Date	2024-02-20	2024-02-06	2024-02-01	2024-02-06	2024-02-01	2024-02-06
Maximum	450 m³	228 m³	162.09 m³	586 m³	0 m³	33.76 m³
Min Date	2024-02-29	2024-02-14	2024-02-02	2024-02-05	2024-02-01	2024-02-05
Minimum	343 m³	54 m³	0 m³	369 m³	0 m³	0.12 m³





## Water Flows

Month of: March, 2024

Date	LPZ Flow	UPZ Flow	Foothills Well	Ware Rd from Wellfield	Harwood to Foothills	Harwood Outlet
2024-03-01	421 m <sup>3</sup>	130 m <sup>3</sup>	142.13 m <sup>3</sup>	510 m <sup>3</sup>	0 m <sup>3</sup>	0.4 m <sup>3</sup>
2024-03-02	430 m <sup>3</sup>	138 m <sup>3</sup>	0 m <sup>3</sup>	547 m <sup>3</sup>	0 m <sup>3</sup>	1.1 m <sup>3</sup>
2024-03-03	442 m <sup>3</sup>	224 m <sup>3</sup>	160.07 m <sup>3</sup>	598 m <sup>3</sup>	0 m <sup>3</sup>	4.1 m <sup>3</sup>
2024-03-04	445 m <sup>3</sup>	112 m <sup>3</sup>	0 m <sup>3</sup>	476 m <sup>3</sup>	0 m <sup>3</sup>	1.27 m <sup>3</sup>
2024-03-05	493 m <sup>3</sup>	165 m <sup>3</sup>	135.55 m <sup>3</sup>	630 m <sup>3</sup>	0 m <sup>3</sup>	2.47 m <sup>3</sup>
2024-03-06	450 m <sup>3</sup>	172 m <sup>3</sup>	18.99 m <sup>3</sup>	573 m <sup>3</sup>	0 m <sup>3</sup>	0.26 m <sup>3</sup>
2024-03-07	460 m <sup>3</sup>	181 m <sup>3</sup>	29.9 m <sup>3</sup>	629 m <sup>3</sup>	0 m <sup>3</sup>	0.57 m <sup>3</sup>
2024-03-08	438 m <sup>3</sup>	197 m <sup>3</sup>	117.95 m <sup>3</sup>	588 m <sup>3</sup>	0 m <sup>3</sup>	0.38 m <sup>3</sup>
2024-03-09	454 m <sup>3</sup>	188 m <sup>3</sup>	0 m <sup>3</sup>	517 m <sup>3</sup>	0 m <sup>3</sup>	1.42 m <sup>3</sup>
2024-03-10	446 m <sup>3</sup>	198 m <sup>3</sup>	155.6 m <sup>3</sup>	628 m <sup>3</sup>	0 m <sup>3</sup>	1.09 m <sup>3</sup>
2024-03-11	455 m <sup>3</sup>	189 m <sup>3</sup>	0 m <sup>3</sup>	586 m <sup>3</sup>	0 m <sup>3</sup>	0.14 m <sup>3</sup>
2024-03-12	448 m <sup>3</sup>	165 m <sup>3</sup>	158.38 m <sup>3</sup>	570 m <sup>3</sup>	0 m <sup>3</sup>	0.14 m <sup>3</sup>
2024-03-13	445 m <sup>3</sup>	69 m <sup>3</sup>	0 m <sup>3</sup>	469 m <sup>3</sup>	0 m <sup>3</sup>	0.28 m <sup>3</sup>
2024-03-14	454 m <sup>3</sup>	112 m <sup>3</sup>	109.55 m <sup>3</sup>	515 m <sup>3</sup>	0 m <sup>3</sup>	4.81 m <sup>3</sup>
2024-03-15	446 m <sup>3</sup>	180 m <sup>3</sup>	55.75 m <sup>3</sup>	620 m <sup>3</sup>	0 m <sup>3</sup>	0.08 m <sup>3</sup>
2024-03-16	472 m <sup>3</sup>	195 m <sup>3</sup>	161.16 m <sup>3</sup>	617 m <sup>3</sup>	0 m <sup>3</sup>	0.9 m <sup>3</sup>
2024-03-17	370 m <sup>3</sup>	195 m <sup>3</sup>	0 m <sup>3</sup>	444 m <sup>3</sup>	0 m <sup>3</sup>	3.54 m <sup>3</sup>
2024-03-18	366 m <sup>3</sup>	179 m <sup>3</sup>	100.97 m <sup>3</sup>	531 m <sup>3</sup>	0 m <sup>3</sup>	0.13 m <sup>3</sup>
2024-03-19	351 m <sup>3</sup>	0 m <sup>3</sup>	44.59 m <sup>3</sup>	366 m <sup>3</sup>	0 m <sup>3</sup>	0.02 m <sup>3</sup>
2024-03-20	354 m <sup>3</sup>	165 m <sup>3</sup>	125.09 m <sup>3</sup>	429 m <sup>3</sup>	0 m <sup>3</sup>	0.26 m <sup>3</sup>
2024-03-21	359 m <sup>3</sup>	183 m <sup>3</sup>	0 m <sup>3</sup>	525 m <sup>3</sup>	0 m <sup>3</sup>	0.15 m <sup>3</sup>
2024-03-22	364 m <sup>3</sup>	183 m <sup>3</sup>	126.18 m <sup>3</sup>	521 m <sup>3</sup>	0 m <sup>3</sup>	0.15 m <sup>3</sup>
2024-03-23	365 m <sup>3</sup>	178 m <sup>3</sup>	4.67 m <sup>3</sup>	475 m <sup>3</sup>	0 m <sup>3</sup>	0.27 m <sup>3</sup>
2024-03-24	393 m <sup>3</sup>	185 m <sup>3</sup>	81.23 m <sup>3</sup>	531 m <sup>3</sup>	0 m <sup>3</sup>	3.79 m <sup>3</sup>
2024-03-25	382 m <sup>3</sup>	19 m <sup>3</sup>	70.26 m <sup>3</sup>	352 m <sup>3</sup>	0 m <sup>3</sup>	1.19 m <sup>3</sup>
2024-03-26	380 m <sup>3</sup>	143 m <sup>3</sup>	11.19 m <sup>3</sup>	500 m <sup>3</sup>	0 m <sup>3</sup>	0.81 m <sup>3</sup>
2024-03-27	385 m <sup>3</sup>	170 m <sup>3</sup>	132.9 m <sup>3</sup>	560 m <sup>3</sup>	0 m <sup>3</sup>	0.81 m <sup>3</sup>
2024-03-28	386 m <sup>3</sup>	186 m <sup>3</sup>	0 m <sup>3</sup>	501 m <sup>3</sup>	0 m <sup>3</sup>	5.27 m <sup>3</sup>
2024-03-29	390 m <sup>3</sup>	199 m <sup>3</sup>	157.58 m <sup>3</sup>	559 m <sup>3</sup>	0 m <sup>3</sup>	1.06 m <sup>3</sup>
2024-03-31	402 m <sup>3</sup>	185 m <sup>3</sup>	0 m <sup>3</sup>	482 m <sup>3</sup>	0 m <sup>3</sup>	1.19 m <sup>3</sup>
Sum Total	12446 m <sup>3</sup>	4785 m <sup>3</sup>	2099.7 m <sup>3</sup>	15849 m <sup>3</sup>	0 m <sup>3</sup>	38.04 m <sup>3</sup>
Average	414.87 m <sup>3</sup>	159.5 m <sup>3</sup>	69.99 m <sup>3</sup>	528.3 m <sup>3</sup>	0 m <sup>3</sup>	1.27 m <sup>3</sup>
Max Date	2024-03-05	2024-03-03	2024-03-16	2024-03-05	2024-03-01	2024-03-28
Maximum	493 m <sup>3</sup>	224 m <sup>3</sup>	161.16 m <sup>3</sup>	630 m <sup>3</sup>	0 m <sup>3</sup>	5.27 m <sup>3</sup>
Min Date	2024-03-19	2024-03-19	2024-03-02	2024-03-25	2024-03-01	2024-03-19
Minimum	351 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>	352 m <sup>3</sup>	0 m <sup>3</sup>	0.02 m <sup>3</sup>







## Water Flows

Month of: April, 2024

Date	LPZ Flow	UPZ Flow	Foothills Well	Ware Rd from Wellfield	Harwood to Foothills	Harwood Outlet
2024-04-01	452 m <sup>3</sup>	184 m <sup>3</sup>	6.52 m <sup>3</sup>	578 m <sup>3</sup>	0 m <sup>3</sup>	10.12 m <sup>3</sup>
2024-04-02	462 m <sup>3</sup>	98 m <sup>3</sup>	138.82 m <sup>3</sup>	494 m <sup>3</sup>	0 m <sup>3</sup>	10.54 m <sup>3</sup>
2024-04-03	405 m <sup>3</sup>	74 m <sup>3</sup>	0 m <sup>3</sup>	458 m <sup>3</sup>	0 m <sup>3</sup>	1.92 m <sup>3</sup>
2024-04-04	393 m <sup>3</sup>	163 m <sup>3</sup>	130.45 m <sup>3</sup>	492 m <sup>3</sup>	0 m <sup>3</sup>	0.68 m <sup>3</sup>
2024-04-05	418 m <sup>3</sup>	188 m <sup>3</sup>	38.78 m <sup>3</sup>	534 m <sup>3</sup>	0 m <sup>3</sup>	0.52 m <sup>3</sup>
2024-04-06	461 m <sup>3</sup>	188 m <sup>3</sup>	73.85 m <sup>3</sup>	590 m <sup>3</sup>	0 m <sup>3</sup>	0.52 m <sup>3</sup>
2024-04-07	413 m <sup>3</sup>	195 m <sup>3</sup>	128.06 m <sup>3</sup>	558 m <sup>3</sup>	0 m <sup>3</sup>	3.45 m <sup>3</sup>
2024-04-08	399 m <sup>3</sup>	186 m <sup>3</sup>	36.42 m <sup>3</sup>	575 m <sup>3</sup>	0 m <sup>3</sup>	1.07 m <sup>3</sup>
2024-04-09	407 m <sup>3</sup>	191 m <sup>3</sup>	75.98 m <sup>3</sup>	571 m <sup>3</sup>	40.25 m <sup>3</sup>	2.63 m <sup>3</sup>
2024-04-10	397 m <sup>3</sup>	183 m <sup>3</sup>	178.97 m <sup>3</sup>	483 m <sup>3</sup>	0 m <sup>3</sup>	28.68 m <sup>3</sup>
2024-04-11	391 m <sup>3</sup>	187 m <sup>3</sup>	55.9 m <sup>3</sup>	526 m <sup>3</sup>	0 m <sup>3</sup>	1.1 m <sup>3</sup>
2024-04-12	458 m <sup>3</sup>	138 m <sup>3</sup>	128.33 m <sup>3</sup>	608 m <sup>3</sup>	0 m <sup>3</sup>	0.53 m <sup>3</sup>
2024-04-13	459 m <sup>3</sup>	196 m <sup>3</sup>	0 m <sup>3</sup>	596 m <sup>3</sup>	0 m <sup>3</sup>	8.38 m <sup>3</sup>
2024-04-14	480 m <sup>3</sup>	205 m <sup>3</sup>	147.34 m <sup>3</sup>	647 m <sup>3</sup>	0 m <sup>3</sup>	17.1 m <sup>3</sup>
2024-04-15	463 m <sup>3</sup>	202 m <sup>3</sup>	22.7 m <sup>3</sup>	595 m <sup>3</sup>	0 m <sup>3</sup>	59.44 m <sup>3</sup>
2024-04-16	470 m <sup>3</sup>	191 m <sup>3</sup>	147.01 m <sup>3</sup>	558 m <sup>3</sup>	0 m <sup>3</sup>	35.62 m <sup>3</sup>
2024-04-17	503 m <sup>3</sup>	210 m <sup>3</sup>	24.58 m <sup>3</sup>	659 m <sup>3</sup>	0 m <sup>3</sup>	2.09 m <sup>3</sup>
2024-04-18	526 m <sup>3</sup>	194 m <sup>3</sup>	203.52 m <sup>3</sup>	709 m <sup>3</sup>	0 m <sup>3</sup>	3.81 m <sup>3</sup>
2024-04-19	528 m <sup>3</sup>	191 m <sup>3</sup>	19.92 m <sup>3</sup>	626 m <sup>3</sup>	0 m <sup>3</sup>	6.46 m <sup>3</sup>
2024-04-20	508 m <sup>3</sup>	182 m <sup>3</sup>	140.71 m <sup>3</sup>	692 m <sup>3</sup>	0 m <sup>3</sup>	10.25 m <sup>3</sup>
2024-04-21	484 m <sup>3</sup>	170 m <sup>3</sup>	105.29 m <sup>3</sup>	568 m <sup>3</sup>	0 m <sup>3</sup>	8.86 m <sup>3</sup>
2024-04-22	507 m <sup>3</sup>	187 m <sup>3</sup>	60.02 m <sup>3</sup>	686 m <sup>3</sup>	0 m <sup>3</sup>	7.44 m <sup>3</sup>
2024-04-23	475 m <sup>3</sup>	194 m <sup>3</sup>	206.69 m <sup>3</sup>	581 m <sup>3</sup>	0 m <sup>3</sup>	6.51 m <sup>3</sup>
2024-04-24	430 m <sup>3</sup>	0 m <sup>3</sup>	28.87 m <sup>3</sup>	405 m <sup>3</sup>	0 m <sup>3</sup>	0.7 m <sup>3</sup>
2024-04-25	392 m <sup>3</sup>	163 m <sup>3</sup>	143.11 m <sup>3</sup>	509 m <sup>3</sup>	0 m <sup>3</sup>	2.97 m <sup>3</sup>
2024-04-26	437 m <sup>3</sup>	190 m <sup>3</sup>	34.58 m <sup>3</sup>	552 m <sup>3</sup>	0 m <sup>3</sup>	0.36 m <sup>3</sup>
2024-04-27	408 m <sup>3</sup>	190 m <sup>3</sup>	151 m <sup>3</sup>	602 m <sup>3</sup>	0 m <sup>3</sup>	0.6 m <sup>3</sup>
2024-04-28	464 m <sup>3</sup>	205 m <sup>3</sup>	44.79 m <sup>3</sup>	606 m <sup>3</sup>	0 m <sup>3</sup>	2.6 m <sup>3</sup>
2024-04-30	457 m <sup>3</sup>	179 m <sup>3</sup>	140.75 m <sup>3</sup>	584 m <sup>3</sup>	0 m <sup>3</sup>	2.6 m <sup>3</sup>
Sum Total	13047 m <sup>3</sup>	5024 m <sup>3</sup>	2612.97 m <sup>3</sup>	16642 m <sup>3</sup>	40.25 m <sup>3</sup>	237.52 m <sup>3</sup>
Average	449.9 m <sup>3</sup>	173.24 m <sup>3</sup>	90.1 m <sup>3</sup>	573.86 m <sup>3</sup>	1.39 m <sup>3</sup>	8.19 m <sup>3</sup>
Max Date	2024-04-19	2024-04-17	2024-04-23	2024-04-18	2024-04-09	2024-04-15
Maximum	528 m <sup>3</sup>	210 m <sup>3</sup>	206.69 m <sup>3</sup>	709 m <sup>3</sup>	40.25 m <sup>3</sup>	59.44 m <sup>3</sup>
Min Date	2024-04-11	2024-04-24	2024-04-03	2024-04-24	2024-04-01	2024-04-26
Minimum	391 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>	405 m <sup>3</sup>	0 m <sup>3</sup>	0.36 m <sup>3</sup>





# Water Flows

Month of: May, 2024

Date	LPZ Flow	UPZ Flow	Foothills Well	Ware Rd from Wellfield	Harwood to Foothills	Harwood Outlet
2024-05-01	460 m <sup>3</sup>	188 m <sup>3</sup>	145.45 m <sup>3</sup>	617 m <sup>3</sup>	0 m <sup>3</sup>	7.36 m <sup>3</sup>
2024-05-02	493 m <sup>3</sup>	188 m <sup>3</sup>	117.96 m <sup>3</sup>	595 m <sup>3</sup>	0 m <sup>3</sup>	8.89 m <sup>3</sup>
2024-05-03	536 m <sup>3</sup>	182 m <sup>3</sup>	117.96 m <sup>3</sup>	700 m <sup>3</sup>	0 m <sup>3</sup>	1.67 m <sup>3</sup>
2024-05-04	501 m <sup>3</sup>	192 m <sup>3</sup>	124.84 m <sup>3</sup>	632 m <sup>3</sup>	0 m <sup>3</sup>	7.94 m <sup>3</sup>
2024-05-05	482 m <sup>3</sup>	192 m <sup>3</sup>	79.35 m <sup>3</sup>	589 m <sup>3</sup>	0 m <sup>3</sup>	10.83 m <sup>3</sup>
2024-05-06	521 m <sup>3</sup>	194 m <sup>3</sup>	109.21 m <sup>3</sup>	665 m <sup>3</sup>	0 m <sup>3</sup>	0.63 m <sup>3</sup>
2024-05-07	533 m <sup>3</sup>	187 m <sup>3</sup>	112.31 m <sup>3</sup>	663 m <sup>3</sup>	0 m <sup>3</sup>	7.37 m <sup>3</sup>
2024-05-08	629 m <sup>3</sup>	197 m <sup>3</sup>	106.94 m <sup>3</sup>	815 m <sup>3</sup>	0 m <sup>3</sup>	18.89 m <sup>3</sup>
2024-05-09	635 m <sup>3</sup>	214 m <sup>3</sup>	144.69 m <sup>3</sup>	716 m <sup>3</sup>	0 m <sup>3</sup>	26.07 m <sup>3</sup>
2024-05-10	734 m <sup>3</sup>	235 m <sup>3</sup>	227.54 m <sup>3</sup>	892 m <sup>3</sup>	0 m <sup>3</sup>	43.33 m <sup>3</sup>
2024-05-11	768 m <sup>3</sup>	269 m <sup>3</sup>	139.3 m <sup>3</sup>	945 m <sup>3</sup>	0 m <sup>3</sup>	69.07 m <sup>3</sup>
2024-05-12	842 m <sup>3</sup>	211 m <sup>3</sup>	157.43 m <sup>3</sup>	1005 m <sup>3</sup>	0 m <sup>3</sup>	56.62 m <sup>3</sup>
2024-05-13	726 m <sup>3</sup>	276 m <sup>3</sup>	175.49 m <sup>3</sup>	909 m <sup>3</sup>	0 m <sup>3</sup>	35.6 m <sup>3</sup>
2024-05-14	780 m <sup>3</sup>	207 m <sup>3</sup>	241.75 m <sup>3</sup>	936 m <sup>3</sup>	0 m <sup>3</sup>	31.85 m <sup>3</sup>
2024-05-15	787 m <sup>3</sup>	300 m <sup>3</sup>	266.55 m <sup>3</sup>	944 m <sup>3</sup>	0 m <sup>3</sup>	70.3 m <sup>3</sup>
2024-05-16	799 m <sup>3</sup>	191 m <sup>3</sup>	177.79 m <sup>3</sup>	926 m <sup>3</sup>	0 m <sup>3</sup>	33.76 m <sup>3</sup>
2024-05-17	786 m <sup>3</sup>	205 m <sup>3</sup>	211.78 m <sup>3</sup>	946 m <sup>3</sup>	0 m <sup>3</sup>	24.8 m <sup>3</sup>
2024-05-18	716 m <sup>3</sup>	265 m <sup>3</sup>	198.12 m <sup>3</sup>	880 m <sup>3</sup>	0 m <sup>3</sup>	29.11 m <sup>3</sup>
2024-05-19	724 m <sup>3</sup>	240 m <sup>3</sup>	180.74 m <sup>3</sup>	858 m <sup>3</sup>	0 m <sup>3</sup>	31.93 m <sup>3</sup>
2024-05-20	886 m <sup>3</sup>	234 m <sup>3</sup>	248.51 m <sup>3</sup>	1032 m <sup>3</sup>	0 m <sup>3</sup>	71.81 m <sup>3</sup>
2024-05-21	539 m <sup>3</sup>	252 m <sup>3</sup>	130.53 m <sup>3</sup>	741 m <sup>3</sup>	0 m <sup>3</sup>	18.53 m <sup>3</sup>
2024-05-22	631 m <sup>3</sup>	188 m <sup>3</sup>	231.3 m <sup>3</sup>	755 m <sup>3</sup>	0 m <sup>3</sup>	13.31 m <sup>3</sup>
2024-05-23	635 m <sup>3</sup>	191 m <sup>3</sup>	137.81 m <sup>3</sup>	759 m <sup>3</sup>	23.95 m <sup>3</sup>	21.31 m <sup>3</sup>
2024-05-24	695 m <sup>3</sup>	187 m <sup>3</sup>	165.24 m <sup>3</sup>	801 m <sup>3</sup>	0 m <sup>3</sup>	6.14 m <sup>3</sup>
2024-05-25	590 m <sup>3</sup>	181 m <sup>3</sup>	153.07 m <sup>3</sup>	674 m <sup>3</sup>	0 m <sup>3</sup>	3.44 m <sup>3</sup>
2024-05-26	605 m <sup>3</sup>	268 m <sup>3</sup>	139.3 m <sup>3</sup>	858 m <sup>3</sup>	0 m <sup>3</sup>	10.98 m <sup>3</sup>
2024-05-27	630 m <sup>3</sup>	185 m <sup>3</sup>	193.77 m <sup>3</sup>	682 m <sup>3</sup>	0 m <sup>3</sup>	8.9 m <sup>3</sup>
2024-05-28	627 m <sup>3</sup>	188 m <sup>3</sup>	116.82 m <sup>3</sup>	792 m <sup>3</sup>	0 m <sup>3</sup>	7.75 m <sup>3</sup>
2024-05-29	577 m <sup>3</sup>	190 m <sup>3</sup>	199.51 m <sup>3</sup>	699 m <sup>3</sup>	0 m <sup>3</sup>	9.42 m <sup>3</sup>
2024-05-31	708 m <sup>3</sup>	202 m <sup>3</sup>	120.83 m <sup>3</sup>	828 m <sup>3</sup>	0 m <sup>3</sup>	15.24 m <sup>3</sup>
Sum Total	19575 m <sup>3</sup>	6399 m <sup>3</sup>	4871.87 m <sup>3</sup>	23854 m <sup>3</sup>	23.95 m <sup>3</sup>	702.87 m <sup>3</sup>
Average	652.5 m <sup>3</sup>	213.3 m <sup>3</sup>	162.4 m <sup>3</sup>	795.13 m <sup>3</sup>	0.8 m <sup>3</sup>	23.43 m <sup>3</sup>
Max Date	2024-05-20	2024-05-15	2024-05-15	2024-05-20	2024-05-23	2024-05-20
Maximum	886 m <sup>3</sup>	300 m <sup>3</sup>	266.55 m <sup>3</sup>	1032 m <sup>3</sup>	23.95 m <sup>3</sup>	71.81 m <sup>3</sup>
Min Date	2024-05-01	2024-05-25	2024-05-05	2024-05-05	2024-05-01	2024-05-06
Minimum	460 m <sup>3</sup>	181 m <sup>3</sup>	79.35 m <sup>3</sup>	589 m <sup>3</sup>	0 m <sup>3</sup>	0.63 m <sup>3</sup>





# Water Flows

Month of: June, 2024

Date	LPZ Flow	UPZ Flow	Foothills Well	Ware Rd from Wellfield	Harwood to Foothills	Harwood Outlet
2024-06-01	563 m³	177 m³	120.94 m³	679 m³	0 m³	4.47 m³
2024-06-02	544 m³	277 m³	124.56 m³	760 m³	0 m³	20.92 m³
2024-06-03	550 m³	191 m³	108.02 m³	683 m³	0 m³	2.7 m³
2024-06-04	584 m³	92 m³	108.02 m³	562 m³	0 m³	2.7 m³
2024-06-05	650 m³	309 m³	135.12 m³	940 m³	0 m³	21.92 m³
2024-06-06	739 m³	195 m³	195.97 m³	833 m³	0 m³	25.04 m³
2024-06-07	775 m³	215 m³	226.08 m³	941 m³	0 m³	40.91 m³
2024-06-08	809 m³	312 m³	189.62 m³	1001 m³	0 m³	72.85 m³
2024-06-09	843 m³	309 m³	181.69 m³	1089 m³	0 m³	106.24 m³
2024-06-10	782 m³	199 m³	239.16 m³	826 m³	0 m³	30.27 m³
2024-06-11	711 m³	199 m³	235.32 m³	905 m³	0 m³	14.93 m³
2024-06-12	795 m³	285 m³	203.84 m³	949 m³	0 m³	47.74 m³
2024-06-13	767 m³	207 m³	229.53 m³	897 m³	0 m³	61.59 m³
2024-06-14	646 m³	179 m³	185.93 m³	738 m³	0 m³	10.99 m³
2024-06-15	587 m³	274 m³	157.21 m³	849 m³	0 m³	4.23 m³
2024-06-16	615 m³	208 m³	171.01 m³	729 m³	0 m³	7.7 m³
2024-06-17	778 m³	208 m³	168.04 m³	917 m³	0 m³	58.02 m³
2024-06-18	774 m³	297 m³	226.24 m³	976 m³	0 m³	23.37 m³
2024-06-19	870 m³	243 m³	195.46 m³	994 m³	0 m³	51.38 m³
2024-06-20	908 m³	333 m³	186.64 m³	1196 m³	0 m³	110.75 m³
2024-06-21	913 m³	266 m³	214.11 m³	1039 m³	0 m³	81.32 m³
2024-06-22	825 m³	318 m³	208.84 m³	1066 m³	0 m³	97.38 m³
2024-06-23	828 m³	235 m³	164.81 m³	983 m³	0 m³	68.51 m³
2024-06-24	863 m³	290 m³	210.61 m³	1014 m³	0 m³	88.6 m³
2024-06-25	841 m³	331 m³	206.44 m³	1119 m³	0 m³	72.67 m³
2024-06-26	730 m³	202 m³	206.44 m³	827 m³	0 m³	16.58 m³
2024-06-27	597 m³	190 m³	161.56 m³	725 m³	0 m³	7.53 m³
2024-06-28	742 m³	271 m³	205.8 m³	940 m³	0 m³	16.86 m³
2024-06-30	614 m³	194 m³	143.02 m³	725 m³	0 m³	10.57 m³
Sum Total	21243 m³	7006 m³	5310.01 m³	25902 m³	0 m³	1178.74 m³
Average	732.52 m³	241.59 m³	183.1 m³	893.17 m³	0 m³	40.65 m³
Max Date	2024-06-21	2024-06-20	2024-06-10	2024-06-20	2024-06-01	2024-06-20
Maximum	913 m³	333 m³	239.16 m³	1196 m³	0 m³	110.75 m³
Min Date	2024-06-02	2024-06-04	2024-06-03	2024-06-04	2024-06-01	2024-06-03
Minimum	544 m³	92 m³	108.02 m³	562 m³	0 m³	2.7 m³





# Water Flows

Month of: July, 2024

Date	LPZ Flow	UPZ Flow	Foothills Well	Ware Rd from Wellfield	Harwood to Foothills	Harwood Outlet
2024-07-01	798 m <sup>3</sup>	329 m <sup>3</sup>	148.36 m <sup>3</sup>	1014 m <sup>3</sup>	0 m <sup>3</sup>	66.73 m <sup>3</sup>
2024-07-02	892 m <sup>3</sup>	313 m <sup>3</sup>	178.24 m <sup>3</sup>	1144 m <sup>3</sup>	0 m <sup>3</sup>	71.21 m <sup>3</sup>
2024-07-03	923 m <sup>3</sup>	432 m <sup>3</sup>	86.14 m <sup>3</sup>	1236 m <sup>3</sup>	130.96 m <sup>3</sup>	55.42 m <sup>3</sup>
2024-07-04	960 m <sup>3</sup>	513 m <sup>3</sup>	35.96 m <sup>3</sup>	1346 m <sup>3</sup>	199.84 m <sup>3</sup>	16.64 m <sup>3</sup>
2024-07-05	1044 m <sup>3</sup>	595 m <sup>3</sup>	41.51 m <sup>3</sup>	1474 m <sup>3</sup>	225.05 m <sup>3</sup>	64.98 m <sup>3</sup>
2024-07-06	976 m <sup>3</sup>	429 m <sup>3</sup>	105.8 m <sup>3</sup>	1307 m <sup>3</sup>	96.72 m <sup>3</sup>	77.16 m <sup>3</sup>
2024-07-07	1027 m <sup>3</sup>	425 m <sup>3</sup>	222.76 m <sup>3</sup>	1361 m <sup>3</sup>	0 m <sup>3</sup>	115.4 m <sup>3</sup>
2024-07-08	1101 m <sup>3</sup>	517 m <sup>3</sup>	92.82 m <sup>3</sup>	1442 m <sup>3</sup>	134.69 m <sup>3</sup>	54.6 m <sup>3</sup>
2024-07-09	1092 m <sup>3</sup>	521 m <sup>3</sup>	41.91 m <sup>3</sup>	1513 m <sup>3</sup>	223.82 m <sup>3</sup>	51 m <sup>3</sup>
2024-07-10	1137 m <sup>3</sup>	433 m <sup>3</sup>	125.18 m <sup>3</sup>	1460 m <sup>3</sup>	88.76 m <sup>3</sup>	58.4 m <sup>3</sup>
2024-07-11	1025 m <sup>3</sup>	401 m <sup>3</sup>	227.66 m <sup>3</sup>	1319 m <sup>3</sup>	0 m <sup>3</sup>	91.65 m <sup>3</sup>
2024-07-12	1157 m <sup>3</sup>	506 m <sup>3</sup>	137.35 m <sup>3</sup>	1468 m <sup>3</sup>	167.41 m <sup>3</sup>	128.36 m <sup>3</sup>
2024-07-13	988 m <sup>3</sup>	493 m <sup>3</sup>	26.76 m <sup>3</sup>	1412 m <sup>3</sup>	142.62 m <sup>3</sup>	61.47 m <sup>3</sup>
2024-07-14	1160 m <sup>3</sup>	620 m <sup>3</sup>	41.7 m <sup>3</sup>	1501 m <sup>3</sup>	209.69 m <sup>3</sup>	37.12 m <sup>3</sup>
2024-07-15	1110 m <sup>3</sup>	432 m <sup>3</sup>	88.5 m <sup>3</sup>	1544 m <sup>3</sup>	107.95 m <sup>3</sup>	45.92 m <sup>3</sup>
2024-07-16	1158 m <sup>3</sup>	345 m <sup>3</sup>	236.6 m <sup>3</sup>	1348 m <sup>3</sup>	0 m <sup>3</sup>	79.54 m <sup>3</sup>
2024-07-17	1049 m <sup>3</sup>	348 m <sup>3</sup>	224.38 m <sup>3</sup>	1331 m <sup>3</sup>	0 m <sup>3</sup>	119.05 m <sup>3</sup>
2024-07-18	1044 m <sup>3</sup>	281 m <sup>3</sup>	216.08 m <sup>3</sup>	1149 m <sup>3</sup>	0 m <sup>3</sup>	72.66 m <sup>3</sup>
2024-07-19	1070 m <sup>3</sup>	304 m <sup>3</sup>	208.94 m <sup>3</sup>	1273 m <sup>3</sup>	0 m <sup>3</sup>	101.64 m <sup>3</sup>
2024-07-20	1061 m <sup>3</sup>	508 m <sup>3</sup>	143.38 m <sup>3</sup>	1452 m <sup>3</sup>	166.35 m <sup>3</sup>	102.76 m <sup>3</sup>
2024-07-21	958 m <sup>3</sup>	515 m <sup>3</sup>	50 m <sup>3</sup>	1395 m <sup>3</sup>	157.08 m <sup>3</sup>	24.94 m <sup>3</sup>
2024-07-22	1030 m <sup>3</sup>	442 m <sup>3</sup>	82.19 m <sup>3</sup>	1320 m <sup>3</sup>	137.18 m <sup>3</sup>	41.9 m <sup>3</sup>
2024-07-23	971 m <sup>3</sup>	322 m <sup>3</sup>	219.85 m <sup>3</sup>	1225 m <sup>3</sup>	0 m <sup>3</sup>	80.31 m <sup>3</sup>
2024-07-24	1001 m <sup>3</sup>	222 m <sup>3</sup>	209.09 m <sup>3</sup>	1062 m <sup>3</sup>	0 m <sup>3</sup>	61.73 m <sup>3</sup>
2024-07-25	963 m <sup>3</sup>	322 m <sup>3</sup>	205.24 m <sup>3</sup>	1242 m <sup>3</sup>	0 m <sup>3</sup>	73.97 m <sup>3</sup>
2024-07-26	1057 m <sup>3</sup>	322 m <sup>3</sup>	199.01 m <sup>3</sup>	1253 m <sup>3</sup>	0 m <sup>3</sup>	70.47 m <sup>3</sup>
2024-07-27	954 m <sup>3</sup>	482 m <sup>3</sup>	119.41 m <sup>3</sup>	1299 m <sup>3</sup>	217.18 m <sup>3</sup>	84.46 m <sup>3</sup>
2024-07-28	1007 m <sup>3</sup>	451 m <sup>3</sup>	32.12 m <sup>3</sup>	1315 m <sup>3</sup>	154.2 m <sup>3</sup>	37.91 m <sup>3</sup>
2024-07-29	778 m <sup>3</sup>	288 m <sup>3</sup>	104.78 m <sup>3</sup>	982 m <sup>3</sup>	76.07 m <sup>3</sup>	10.9 m <sup>3</sup>
2024-07-31	724 m <sup>3</sup>	193 m <sup>3</sup>	178.23 m <sup>3</sup>	863 m <sup>3</sup>	0 m <sup>3</sup>	16.68 m <sup>3</sup>
Sum Total	30215 m <sup>3</sup>	12304 m <sup>3</sup>	4029.96 m <sup>3</sup>	39050 m <sup>3</sup>	2635.57 m <sup>3</sup>	1975 m <sup>3</sup>
Average	1007.17 m <sup>3</sup>	410.13 m <sup>3</sup>	134.33 m <sup>3</sup>	1301.67 m <sup>3</sup>	87.85 m <sup>3</sup>	65.83 m <sup>3</sup>
Max Date	2024-07-14	2024-07-14	2024-07-16	2024-07-15	2024-07-05	2024-07-12
Maximum	1160 m <sup>3</sup>	620 m <sup>3</sup>	236.6 m <sup>3</sup>	1544 m <sup>3</sup>	225.05 m <sup>3</sup>	128.36 m <sup>3</sup>
Min Date	2024-07-31	2024-07-31	2024-07-13	2024-07-31	2024-07-01	2024-07-29
Minimum	724 m <sup>3</sup>	193 m <sup>3</sup>	26.76 m <sup>3</sup>	863 m <sup>3</sup>	0 m <sup>3</sup>	10.9 m <sup>3</sup>





# Water Flows

Month of: August, 2024

Date	LPZ Flow	UPZ Flow	Foothills Well	Ware Rd from Wellfield	Harwood to Foothills	Harwood Outlet
2024-08-01	943 m³	335 m³	191.84 m³	1158 m³	0 m³	86.6 m³
2024-08-02	1145 m³	488 m³	72.29 m³	1459 m³	135.83 m³	52.89 m³
2024-08-03	1021 m³	577 m³	35.9 m³	1334 m³	213.99 m³	29.89 m³
2024-08-04	1123 m³	409 m³	73.38 m³	1289 m³	81.44 m³	107.7 m³
2024-08-05	1031 m³	517 m³	74.53 m³	1449 m³	148.92 m³	65.85 m³
2024-08-06	995 m³	493 m³	84.83 m³	1315 m³	149.31 m³	36.35 m³
2024-08-07	952 m³	331 m³	206.07 m³	1209 m³	0 m³	74.16 m³
2024-08-08	1040 m³	399 m³	132.93 m³	1321 m³	154.4 m³	81.89 m³
2024-08-09	981 m³	474 m³	24.21 m³	1345 m³	144.11 m³	28.33 m³
2024-08-10	965 m³	530 m³	35.56 m³	1387 m³	204.82 m³	31.72 m³
2024-08-11	863 m³	351 m³	78.48 m³	1068 m³	71.75 m³	45.24 m³
2024-08-12	939 m³	342 m³	127.02 m³	1162 m³	80.14 m³	37.42 m³
2024-08-13	854 m³	342 m³	209.88 m³	1133 m³	0 m³	58.88 m³
2024-08-14	962 m³	305 m³	169.33 m³	1193 m³	0 m³	91.65 m³
2024-08-15	886 m³	234 m³	190.98 m³	961 m³	0 m³	65.39 m³
2024-08-16	976 m³	447 m³	114.23 m³	1330 m³	174.54 m³	80.41 m³
2024-08-17	837 m³	457 m³	25.67 m³	1182 m³	134.86 m³	21.76 m³
2024-08-18	738 m³	287 m³	128.77 m³	973 m³	72.34 m³	18.98 m³
2024-08-19	694 m³	323 m³	43.9 m³	909 m³	59.9 m³	7.61 m³
2024-08-20	664 m³	199 m³	202.2 m³	835 m³	0 m³	25.69 m³
2024-08-21	611 m³	239 m³	130.6 m³	725 m³	0 m³	15.04 m³
2024-08-22	643 m³	218 m³	143.09 m³	842 m³	0 m³	8.02 m³
2024-08-23	628 m³	287 m³	43.78 m³	835 m³	118.06 m³	3.25 m³
2024-08-24	598 m³	335 m³	14.64 m³	849 m³	59.92 m³	4.99 m³
2024-08-25	629 m³	209 m³	193.26 m³	807 m³	0 m³	24.78 m³
2024-08-26	594 m³	286 m³	44.9 m³	807 m³	69.05 m³	4.01 m³
2024-08-27	576 m³	251 m³	127.87 m³	694 m³	0 m³	20.39 m³
2024-08-28	629 m³	317 m³	59.11 m³	922 m³	145.18 m³	26.79 m³
2024-08-29	671 m³	360 m³	38.46 m³	917 m³	70.88 m³	28.47 m³
2024-08-31	777 m³	274 m³	123.24 m³	939 m³	61.61 m³	42.79 m³
Sum Total	24965 m³	10616 m³	3140.95 m³	32349 m³	2351.05 m³	1226.93 m³
Average	832.17 m³	353.87 m³	104.7 m³	1078.3 m³	78.37 m³	40.9 m³
Max Date	2024-08-02	2024-08-03	2024-08-13	2024-08-02	2024-08-03	2024-08-04
Maximum	1145 m³	577 m³	209.88 m³	1459 m³	213.99 m³	107.7 m³
Min Date	2024-08-27	2024-08-20	2024-08-24	2024-08-27	2024-08-01	2024-08-23
Minimum	576 m³	199 m³	14.64 m³	694 m³	0 m³	3.25 m³





# Water Flows

Month of: September, 2024

Date	LPZ Flow	UPZ Flow	Foothills Well	Ware Rd from Wellfield	Harwood to Foothills	Harwood Outlet
2024-09-01	777 m³	359 m³	23.72 m³	1024 m³	135.17 m³	20.52 m³
2024-09-02	871 m³	529 m³	35.53 m³	1280 m³	198.51 m³	28.52 m³
2024-09-03	774 m³	317 m³	92.94 m³	1007 m³	79.58 m³	7.81 m³
2024-09-04	852 m³	280 m³	208.38 m³	994 m³	0 m³	65.02 m³
2024-09-05	853 m³	346 m³	120.48 m³	1112 m³	75.19 m³	66.33 m³
2024-09-06	854 m³	451 m³	70.02 m³	1224 m³	149.41 m³	40.87 m³
2024-09-07	849 m³	512 m³	33.4 m³	1266 m³	194.64 m³	25.4 m³
2024-09-08	909 m³	535 m³	38 m³	1352 m³	217.01 m³	60.52 m³
2024-09-09	720 m³	439 m³	28.04 m³	1049 m³	160.87 m³	5.75 m³
2024-09-10	787 m³	394 m³	62.11 m³	1103 m³	147.72 m³	12.62 m³
2024-09-11	628 m³	206 m³	213.7 m³	765 m³	0 m³	23.84 m³
2024-09-12	715 m³	286 m³	153.35 m³	924 m³	0 m³	27.89 m³
2024-09-13	643 m³	290 m³	90.12 m³	843 m³	105.09 m³	8.42 m³
2024-09-14	671 m³	333 m³	27.73 m³	907 m³	70.13 m³	5.62 m³
2024-09-15	624 m³	198 m³	164.65 m³	801 m³	0 m³	27.1 m³
2024-09-16	686 m³	387 m³	23.26 m³	977 m³	133.77 m³	21.47 m³
2024-09-17	625 m³	305 m³	72.52 m³	868 m³	69 m³	29.21 m³
2024-09-18	678 m³	285 m³	171.2 m³	838 m³	0 m³	44.37 m³
2024-09-19	605 m³	280 m³	150.44 m³	869 m³	0 m³	43.23 m³
2024-09-20	697 m³	192 m³	152.35 m³	822 m³	0 m³	27.9 m³
2024-09-21	590 m³	270 m³	145.77 m³	776 m³	0 m³	25.25 m³
2024-09-22	688 m³	195 m³	131.02 m³	831 m³	0 m³	30.7 m³
2024-09-23	559 m³	264 m³	148.8 m³	752 m³	0 m³	14.35 m³
2024-09-24	669 m³	194 m³	134.92 m³	799 m³	0 m³	8.67 m³
2024-09-25	548 m³	263 m³	93.7 m³	693 m³	18.56 m³	10.58 m³
2024-09-26	586 m³	261 m³	4.33 m³	818 m³	44.01 m³	6.89 m³
2024-09-27	523 m³	336 m³	7.74 m³	800 m³	132.37 m³	2.46 m³
2024-09-28	579 m³	274 m³	11.51 m³	794 m³	56.59 m³	16.61 m³
2024-09-30	577 m³	301 m³	0 m³	824 m³	66.62 m³	15.72 m³
Sum Total	20137 m³	9282 m³	2609.75 m³	27112 m³	2054.24 m³	723.67 m³
Average	694.38 m³	320.07 m³	89.99 m³	934.9 m³	70.84 m³	24.95 m³
Max Date	2024-09-08	2024-09-08	2024-09-11	2024-09-08	2024-09-08	2024-09-05
Maximum	909 m³	535 m³	213.7 m³	1352 m³	217.01 m³	66.33 m³
Min Date	2024-09-27	2024-09-20	2024-09-30	2024-09-25	2024-09-04	2024-09-27
Minimum	523 m³	192 m³	0 m³	693 m³	0 m³	2.46 m³





## Water Flows

Month of: October, 2024

Date	LPZ Flow	UPZ Flow	Foothills Well	Ware Rd from Wellfield	Harwood to Foothills	Harwood Outlet
2024-10-01	513 m <sup>3</sup>	155 m <sup>3</sup>	85.61 m <sup>3</sup>	599 m <sup>3</sup>	0 m <sup>3</sup>	23.26 m <sup>3</sup>
2024-10-02	552 m <sup>3</sup>	327 m <sup>3</sup>	73.03 m <sup>3</sup>	839 m <sup>3</sup>	0 m <sup>3</sup>	25.37 m <sup>3</sup>
2024-10-03	518 m <sup>3</sup>	145 m <sup>3</sup>	87.99 m <sup>3</sup>	609 m <sup>3</sup>	0 m <sup>3</sup>	13.19 m <sup>3</sup>
2024-10-04	551 m <sup>3</sup>	291 m <sup>3</sup>	84.96 m <sup>3</sup>	798 m <sup>3</sup>	0 m <sup>3</sup>	3.61 m <sup>3</sup>
2024-10-05	496 m <sup>3</sup>	152 m <sup>3</sup>	80.62 m <sup>3</sup>	599 m <sup>3</sup>	0 m <sup>3</sup>	16.49 m <sup>3</sup>
2024-10-06	579 m <sup>3</sup>	286 m <sup>3</sup>	98.54 m <sup>3</sup>	812 m <sup>3</sup>	0 m <sup>3</sup>	29.12 m <sup>3</sup>
2024-10-07	502 m <sup>3</sup>	288 m <sup>3</sup>	19.61 m <sup>3</sup>	742 m <sup>3</sup>	0 m <sup>3</sup>	12.94 m <sup>3</sup>
2024-10-08	577 m <sup>3</sup>	150 m <sup>3</sup>	162.43 m <sup>3</sup>	608 m <sup>3</sup>	0 m <sup>3</sup>	14.76 m <sup>3</sup>
2024-10-09	513 m <sup>3</sup>	267 m <sup>3</sup>	1.78 m <sup>3</sup>	762 m <sup>3</sup>	0 m <sup>3</sup>	0.81 m <sup>3</sup>
2024-10-10	551 m <sup>3</sup>	162 m <sup>3</sup>	154.24 m <sup>3</sup>	657 m <sup>3</sup>	0 m <sup>3</sup>	16.63 m <sup>3</sup>
2024-10-11	520 m <sup>3</sup>	298 m <sup>3</sup>	9.48 m <sup>3</sup>	766 m <sup>3</sup>	0 m <sup>3</sup>	6.44 m <sup>3</sup>
2024-10-12	562 m <sup>3</sup>	157 m <sup>3</sup>	177 m <sup>3</sup>	628 m <sup>3</sup>	0 m <sup>3</sup>	16.35 m <sup>3</sup>
2024-10-13	546 m <sup>3</sup>	302 m <sup>3</sup>	0 m <sup>3</sup>	769 m <sup>3</sup>	0 m <sup>3</sup>	37.59 m <sup>3</sup>
2024-10-14	595 m <sup>3</sup>	148 m <sup>3</sup>	166.07 m <sup>3</sup>	695 m <sup>3</sup>	0 m <sup>3</sup>	26.84 m <sup>3</sup>
2024-10-15	521 m <sup>3</sup>	282 m <sup>3</sup>	21.05 m <sup>3</sup>	774 m <sup>3</sup>	0 m <sup>3</sup>	7.12 m <sup>3</sup>
2024-10-16	570 m <sup>3</sup>	143 m <sup>3</sup>	143.05 m <sup>3</sup>	626 m <sup>3</sup>	0 m <sup>3</sup>	2.98 m <sup>3</sup>
2024-10-17	548 m <sup>3</sup>	133 m <sup>3</sup>	6.02 m <sup>3</sup>	610 m <sup>3</sup>	0 m <sup>3</sup>	2.41 m <sup>3</sup>
2024-10-18	461 m <sup>3</sup>	153 m <sup>3</sup>	128.25 m <sup>3</sup>	592 m <sup>3</sup>	0 m <sup>3</sup>	0.46 m <sup>3</sup>
2024-10-19	453 m <sup>3</sup>	266 m <sup>3</sup>	22.22 m <sup>3</sup>	672 m <sup>3</sup>	0 m <sup>3</sup>	1.81 m <sup>3</sup>
2024-10-20	458 m <sup>3</sup>	137 m <sup>3</sup>	100.09 m <sup>3</sup>	577 m <sup>3</sup>	0 m <sup>3</sup>	3.13 m <sup>3</sup>
2024-10-21	454 m <sup>3</sup>	145 m <sup>3</sup>	51.25 m <sup>3</sup>	567 m <sup>3</sup>	0 m <sup>3</sup>	1.56 m <sup>3</sup>
2024-10-22	1095 m <sup>3</sup>	133 m <sup>3</sup>	93.05 m <sup>3</sup>	1083 m <sup>3</sup>	0 m <sup>3</sup>	211.3 m <sup>3</sup>
2024-10-23	431 m <sup>3</sup>	151 m <sup>3</sup>	52.09 m <sup>3</sup>	563 m <sup>3</sup>	0 m <sup>3</sup>	2.75 m <sup>3</sup>
2024-10-24	423 m <sup>3</sup>	273 m <sup>3</sup>	124.44 m <sup>3</sup>	637 m <sup>3</sup>	0 m <sup>3</sup>	0.34 m <sup>3</sup>
2024-10-25	441 m <sup>3</sup>	137 m <sup>3</sup>	16.99 m <sup>3</sup>	570 m <sup>3</sup>	0 m <sup>3</sup>	1.71 m <sup>3</sup>
2024-10-26	457 m <sup>3</sup>	152 m <sup>3</sup>	86.67 m <sup>3</sup>	559 m <sup>3</sup>	0 m <sup>3</sup>	2.58 m <sup>3</sup>
2024-10-27	475 m <sup>3</sup>	264 m <sup>3</sup>	107.86 m <sup>3</sup>	686 m <sup>3</sup>	0 m <sup>3</sup>	6.38 m <sup>3</sup>
2024-10-28	447 m <sup>3</sup>	154 m <sup>3</sup>	8.45 m <sup>3</sup>	515 m <sup>3</sup>	0 m <sup>3</sup>	1.39 m <sup>3</sup>
2024-10-29	465 m <sup>3</sup>	145 m <sup>3</sup>	104.38 m <sup>3</sup>	563 m <sup>3</sup>	0 m <sup>3</sup>	3.4 m <sup>3</sup>
2024-10-31	445 m <sup>3</sup>	136 m <sup>3</sup>	112.11 m <sup>3</sup>	528 m <sup>3</sup>	0 m <sup>3</sup>	0.7 m <sup>3</sup>
Sum Total	15719 m <sup>3</sup>	5932 m <sup>3</sup>	2379.34 m <sup>3</sup>	20005 m <sup>3</sup>	0 m <sup>3</sup>	493.42 m <sup>3</sup>
Average	523.97 m <sup>3</sup>	197.73 m <sup>3</sup>	79.31 m <sup>3</sup>	666.83 m <sup>3</sup>	0 m <sup>3</sup>	16.45 m <sup>3</sup>
Max Date	2024-10-22	2024-10-02	2024-10-12	2024-10-22	2024-10-01	2024-10-22
Maximum	1095 m <sup>3</sup>	327 m <sup>3</sup>	177 m <sup>3</sup>	1083 m <sup>3</sup>	0 m <sup>3</sup>	211.3 m <sup>3</sup>
Min Date	2024-10-24	2024-10-17	2024-10-13	2024-10-28	2024-10-01	2024-10-24
Minimum	423 m <sup>3</sup>	133 m <sup>3</sup>	0 m <sup>3</sup>	515 m <sup>3</sup>	0 m <sup>3</sup>	0.34 m <sup>3</sup>





# Water Flows

Month of: November, 2024

Date	LPZ Flow	UPZ Flow	Foothills Well	Ware Rd from Wellfield	Harwood to Foothills	Harwood Outlet
2024-11-01	455 m <sup>3</sup>	175 m <sup>3</sup>	105.11 m <sup>3</sup>	576 m <sup>3</sup>	0 m <sup>3</sup>	1.04 m <sup>3</sup>
2024-11-02	438 m <sup>3</sup>	157 m <sup>3</sup>	85.81 m <sup>3</sup>	521 m <sup>3</sup>	0 m <sup>3</sup>	4.08 m <sup>3</sup>
2024-11-03	435 m <sup>3</sup>	171 m <sup>3</sup>	35.58 m <sup>3</sup>	575 m <sup>3</sup>	0 m <sup>3</sup>	3.43 m <sup>3</sup>
2024-11-04	417 m <sup>3</sup>	240 m <sup>3</sup>	81.78 m <sup>3</sup>	657 m <sup>3</sup>	0 m <sup>3</sup>	2.14 m <sup>3</sup>
2024-11-05	447 m <sup>3</sup>	160 m <sup>3</sup>	105.6 m <sup>3</sup>	529 m <sup>3</sup>	0 m <sup>3</sup>	3.95 m <sup>3</sup>
2024-11-06	435 m <sup>3</sup>	164 m <sup>3</sup>	32.7 m <sup>3</sup>	540 m <sup>3</sup>	0 m <sup>3</sup>	2.27 m <sup>3</sup>
2024-11-07	428 m <sup>3</sup>	152 m <sup>3</sup>	62.3 m <sup>3</sup>	556 m <sup>3</sup>	0 m <sup>3</sup>	3.43 m <sup>3</sup>
2024-11-08	448 m <sup>3</sup>	175 m <sup>3</sup>	104.67 m <sup>3</sup>	598 m <sup>3</sup>	0 m <sup>3</sup>	0.83 m <sup>3</sup>
2024-11-09	454 m <sup>3</sup>	165 m <sup>3</sup>	63.2 m <sup>3</sup>	579 m <sup>3</sup>	0 m <sup>3</sup>	3.73 m <sup>3</sup>
2024-11-10	462 m <sup>3</sup>	306 m <sup>3</sup>	32.05 m <sup>3</sup>	741 m <sup>3</sup>	0 m <sup>3</sup>	7.92 m <sup>3</sup>
2024-11-11	469 m <sup>3</sup>	182 m <sup>3</sup>	96.62 m <sup>3</sup>	595 m <sup>3</sup>	0 m <sup>3</sup>	10.72 m <sup>3</sup>
2024-11-12	434 m <sup>3</sup>	162 m <sup>3</sup>	104.45 m <sup>3</sup>	508 m <sup>3</sup>	0 m <sup>3</sup>	4.73 m <sup>3</sup>
2024-11-13	427 m <sup>3</sup>	177 m <sup>3</sup>	5.45 m <sup>3</sup>	569 m <sup>3</sup>	0 m <sup>3</sup>	1.35 m <sup>3</sup>
2024-11-14	446 m <sup>3</sup>	300 m <sup>3</sup>	80.01 m <sup>3</sup>	733 m <sup>3</sup>	0 m <sup>3</sup>	7.14 m <sup>3</sup>
2024-11-15	449 m <sup>3</sup>	181 m <sup>3</sup>	108.97 m <sup>3</sup>	540 m <sup>3</sup>	0 m <sup>3</sup>	2.98 m <sup>3</sup>
2024-11-16	453 m <sup>3</sup>	183 m <sup>3</sup>	0 m <sup>3</sup>	573 m <sup>3</sup>	0 m <sup>3</sup>	7.32 m <sup>3</sup>
2024-11-17	488 m <sup>3</sup>	174 m <sup>3</sup>	82.98 m <sup>3</sup>	657 m <sup>3</sup>	0 m <sup>3</sup>	9.39 m <sup>3</sup>
2024-11-18	454 m <sup>3</sup>	321 m <sup>3</sup>	93.87 m <sup>3</sup>	738 m <sup>3</sup>	0 m <sup>3</sup>	7.8 m <sup>3</sup>
2024-11-19	416 m <sup>3</sup>	176 m <sup>3</sup>	93.87 m <sup>3</sup>	554 m <sup>3</sup>	0 m <sup>3</sup>	7.13 m <sup>3</sup>
2024-11-20	350 m <sup>3</sup>	176 m <sup>3</sup>	93.87 m <sup>3</sup>	464 m <sup>3</sup>	0 m <sup>3</sup>	3.75 m <sup>3</sup>
2024-11-21	448 m <sup>3</sup>	204 m <sup>3</sup>	93.87 m <sup>3</sup>	567 m <sup>3</sup>	0 m <sup>3</sup>	2.3 m <sup>3</sup>
2024-11-22	436 m <sup>3</sup>	292 m <sup>3</sup>	93.87 m <sup>3</sup>	694 m <sup>3</sup>	0 m <sup>3</sup>	3.34 m <sup>3</sup>
2024-11-23	438 m <sup>3</sup>	179 m <sup>3</sup>	47.31 m <sup>3</sup>	556 m <sup>3</sup>	0 m <sup>3</sup>	6.51 m <sup>3</sup>
2024-11-24	443 m <sup>3</sup>	185 m <sup>3</sup>	96.79 m <sup>3</sup>	582 m <sup>3</sup>	0 m <sup>3</sup>	7.7 m <sup>3</sup>
2024-11-25	439 m <sup>3</sup>	183 m <sup>3</sup>	0 m <sup>3</sup>	577 m <sup>3</sup>	0 m <sup>3</sup>	1.26 m <sup>3</sup>
2024-11-26	442 m <sup>3</sup>	317 m <sup>3</sup>	79.02 m <sup>3</sup>	729 m <sup>3</sup>	0 m <sup>3</sup>	4.47 m <sup>3</sup>
2024-11-27	450 m <sup>3</sup>	178 m <sup>3</sup>	94.48 m <sup>3</sup>	555 m <sup>3</sup>	0 m <sup>3</sup>	6.58 m <sup>3</sup>
2024-11-28	429 m <sup>3</sup>	229 m <sup>3</sup>	62.32 m <sup>3</sup>	618 m <sup>3</sup>	0 m <sup>3</sup>	7.67 m <sup>3</sup>
2024-11-30	431 m <sup>3</sup>	173 m <sup>3</sup>	25.73 m <sup>3</sup>	624 m <sup>3</sup>	0 m <sup>3</sup>	4.92 m <sup>3</sup>
Sum Total	12761 m <sup>3</sup>	5837 m <sup>3</sup>	2062.25 m <sup>3</sup>	17305 m <sup>3</sup>	0 m <sup>3</sup>	139.87 m <sup>3</sup>
Average	440.03 m <sup>3</sup>	201.28 m <sup>3</sup>	71.11 m <sup>3</sup>	596.72 m <sup>3</sup>	0 m <sup>3</sup>	4.82 m <sup>3</sup>
Max Date	2024-11-17	2024-11-18	2024-11-15	2024-11-10	2024-11-01	2024-11-11
Maximum	488 m <sup>3</sup>	321 m <sup>3</sup>	108.97 m <sup>3</sup>	741 m <sup>3</sup>	0 m <sup>3</sup>	10.72 m <sup>3</sup>
Min Date	2024-11-20	2024-11-07	2024-11-16	2024-11-20	2024-11-01	2024-11-08
Minimum	350 m <sup>3</sup>	152 m <sup>3</sup>	0 m <sup>3</sup>	464 m <sup>3</sup>	0 m <sup>3</sup>	0.83 m <sup>3</sup>







# Water Flows

Month of: December, 2024

Date	LPZ Flow	UPZ Flow	Foothills Well	Ware Rd from Wellfield	Harwood to Foothills	Harwood Outlet
2024-12-01	455 m <sup>3</sup>	232 m <sup>3</sup>	64.25 m <sup>3</sup>	576 m <sup>3</sup>	0 m <sup>3</sup>	11.42 m <sup>3</sup>
2024-12-02	451 m <sup>3</sup>	287 m <sup>3</sup>	25.9 m <sup>3</sup>	735 m <sup>3</sup>	0 m <sup>3</sup>	8.03 m <sup>3</sup>
2024-12-03	428 m <sup>3</sup>	174 m <sup>3</sup>	91.69 m <sup>3</sup>	527 m <sup>3</sup>	0 m <sup>3</sup>	11.03 m <sup>3</sup>
2024-12-04	420 m <sup>3</sup>	174 m <sup>3</sup>	52.02 m <sup>3</sup>	545 m <sup>3</sup>	0 m <sup>3</sup>	6.59 m <sup>3</sup>
2024-12-05	396 m <sup>3</sup>	272 m <sup>3</sup>	37.61 m <sup>3</sup>	588 m <sup>3</sup>	0 m <sup>3</sup>	2.24 m <sup>3</sup>
2024-12-06	390 m <sup>3</sup>	226 m <sup>3</sup>	89.88 m <sup>3</sup>	580 m <sup>3</sup>	0 m <sup>3</sup>	4.12 m <sup>3</sup>
2024-12-07	363 m <sup>3</sup>	181 m <sup>3</sup>	24.58 m <sup>3</sup>	568 m <sup>3</sup>	0 m <sup>3</sup>	7.13 m <sup>3</sup>
2024-12-08	384 m <sup>3</sup>	245 m <sup>3</sup>	57.47 m <sup>3</sup>	579 m <sup>3</sup>	0 m <sup>3</sup>	18.17 m <sup>3</sup>
2024-12-09	376 m <sup>3</sup>	216 m <sup>3</sup>	95.39 m <sup>3</sup>	508 m <sup>3</sup>	0 m <sup>3</sup>	18.68 m <sup>3</sup>
2024-12-10	386 m <sup>3</sup>	173 m <sup>3</sup>	42.32 m <sup>3</sup>	529 m <sup>3</sup>	0 m <sup>3</sup>	6.42 m <sup>3</sup>
2024-12-11	383 m <sup>3</sup>	310 m <sup>3</sup>	42.32 m <sup>3</sup>	658 m <sup>3</sup>	0 m <sup>3</sup>	6.53 m <sup>3</sup>
2024-12-12	383 m <sup>3</sup>	151 m <sup>3</sup>	87.62 m <sup>3</sup>	538 m <sup>3</sup>	0 m <sup>3</sup>	12.23 m <sup>3</sup>
2024-12-13	396 m <sup>3</sup>	189 m <sup>3</sup>	36.78 m <sup>3</sup>	539 m <sup>3</sup>	0 m <sup>3</sup>	3.55 m <sup>3</sup>
2024-12-14	400 m <sup>3</sup>	330 m <sup>3</sup>	50.01 m <sup>3</sup>	639 m <sup>3</sup>	0 m <sup>3</sup>	38.84 m <sup>3</sup>
2024-12-15	402 m <sup>3</sup>	199 m <sup>3</sup>	96.59 m <sup>3</sup>	566 m <sup>3</sup>	0 m <sup>3</sup>	27.67 m <sup>3</sup>
2024-12-16	428 m <sup>3</sup>	262 m <sup>3</sup>	80.92 m <sup>3</sup>	664 m <sup>3</sup>	0 m <sup>3</sup>	35.51 m <sup>3</sup>
2024-12-17	407 m <sup>3</sup>	184 m <sup>3</sup>	9.89 m <sup>3</sup>	506 m <sup>3</sup>	0 m <sup>3</sup>	9.27 m <sup>3</sup>
2024-12-18	393 m <sup>3</sup>	305 m <sup>3</sup>	36.47 m <sup>3</sup>	641 m <sup>3</sup>	0 m <sup>3</sup>	12.63 m <sup>3</sup>
2024-12-19	397 m <sup>3</sup>	142 m <sup>3</sup>	87.62 m <sup>3</sup>	496 m <sup>3</sup>	0 m <sup>3</sup>	17.77 m <sup>3</sup>
2024-12-20	395 m <sup>3</sup>	165 m <sup>3</sup>	6.51 m <sup>3</sup>	569 m <sup>3</sup>	0 m <sup>3</sup>	6.5 m <sup>3</sup>
2024-12-21	401 m <sup>3</sup>	147 m <sup>3</sup>	114.72 m <sup>3</sup>	461 m <sup>3</sup>	0 m <sup>3</sup>	1.32 m <sup>3</sup>
2024-12-22	397 m <sup>3</sup>	178 m <sup>3</sup>	9.04 m <sup>3</sup>	547 m <sup>3</sup>	0 m <sup>3</sup>	0.77 m <sup>3</sup>
2024-12-23	425 m <sup>3</sup>	217 m <sup>3</sup>	114.02 m <sup>3</sup>	614 m <sup>3</sup>	0 m <sup>3</sup>	16.37 m <sup>3</sup>
2024-12-24	488 m <sup>3</sup>	222 m <sup>3</sup>	230.54 m <sup>3</sup>	646 m <sup>3</sup>	0 m <sup>3</sup>	23.94 m <sup>3</sup>
2024-12-25	477 m <sup>3</sup>	175 m <sup>3</sup>	0 m <sup>3</sup>	648 m <sup>3</sup>	0 m <sup>3</sup>	2.34 m <sup>3</sup>
2024-12-26	466 m <sup>3</sup>	146 m <sup>3</sup>	138.84 m <sup>3</sup>	509 m <sup>3</sup>	0 m <sup>3</sup>	2.34 m <sup>3</sup>
2024-12-27	464 m <sup>3</sup>	179 m <sup>3</sup>	0 m <sup>3</sup>	587 m <sup>3</sup>	0 m <sup>3</sup>	0.75 m <sup>3</sup>
2024-12-28	456 m <sup>3</sup>	146 m <sup>3</sup>	90.01 m <sup>3</sup>	602 m <sup>3</sup>	0 m <sup>3</sup>	3.04 m <sup>3</sup>
2024-12-29	468 m <sup>3</sup>	286 m <sup>3</sup>	41.12 m <sup>3</sup>	722 m <sup>3</sup>	0 m <sup>3</sup>	5.51 m <sup>3</sup>
2024-12-31	462 m <sup>3</sup>	169 m <sup>3</sup>	68.39 m <sup>3</sup>	559 m <sup>3</sup>	0 m <sup>3</sup>	1.1 m <sup>3</sup>
Sum Total	12537 m <sup>3</sup>	6282 m <sup>3</sup>	1922.53 m <sup>3</sup>	17446 m <sup>3</sup>	0 m <sup>3</sup>	321.83 m <sup>3</sup>
Average	417.9 m <sup>3</sup>	209.4 m <sup>3</sup>	64.08 m <sup>3</sup>	581.53 m <sup>3</sup>	0 m <sup>3</sup>	10.73 m <sup>3</sup>
Max Date	2024-12-24	2024-12-14	2024-12-24	2024-12-02	2024-12-01	2024-12-14
Maximum	488 m <sup>3</sup>	330 m <sup>3</sup>	230.54 m <sup>3</sup>	735 m <sup>3</sup>	0 m <sup>3</sup>	38.84 m <sup>3</sup>
Min Date	2024-12-07	2024-12-19	2024-12-25	2024-12-21	2024-12-01	2024-12-27
Minimum	363 m <sup>3</sup>	142 m <sup>3</sup>	0 m <sup>3</sup>	461 m <sup>3</sup>	0 m <sup>3</sup>	0.75 m <sup>3</sup>

