

**Cowichan Valley Regional District**  
**Burnum Water System - Arsenic (As) Results Summary**  
**2016 to 2025**

Sampling Date	UNITS	MAC	AO	Total Arsenic	Sampling Location
December 4, 2025	ug/L	10	-	3.7	S1-1866 Burnham Rd
December 4, 2025	ug/L	10	-	4.9	Reservoir outlet
November 17, 2025	ug/L	10	-	<b>21</b>	S1-1866 Burnham Rd
November 4, 2025	ug/L	10	-	<b>18</b>	S1-1866 Burnham Rd
August 6, 2025	ug/L	10	-	<b>13.9</b>	Reservoir outlet
March 25, 2025	ug/L	10	-	8.91	Reservoir outlet
March 10, 2025	ug/L	10	-	9.82	Reservoir outlet
November 27, 2024	ug/L	10	-	8.6	S1-1866 Burnham Rd
August 28, 2024	ug/L	10	-	6.07	S1-1866 Burnham Rd
August 13, 2024	ug/L	10	-	<b>11.6</b>	Reservoir outlet
February 8, 2024	ug/L	10	-	6.63	Reservoir outlet
November 21, 2023	ug/L	10	-	6.26	Reservoir outlet
October 30, 2023	ug/L	10	-	8.8	Reservoir outlet
August 21, 2023	ug/L	10	-	8.57	Reservoir outlet
August 21, 2023	ug/L	10	-	9.3	S1-1866 Burnham Rd
February 21, 2023	ug/L	10	-	6.43	Reservoir outlet
August 4, 2022	ug/L	10	-	8.48	Reservoir outlet
March 1, 2022	ug/L	10	-	4.0	Reservoir outlet
November 18, 2021	ug/L	10	-	4.7	S2-1785 Empress Rd
September 7, 2021	ug/L	10	-	9.0	Reservoir outlet
February 24, 2021	ug/L	10	-	3.1	S1-1866 Burnham Rd
February 17, 2021	ug/L	10	-	<b>17.5</b>	Reservoir outlet
August 19, 2020	ug/L	10	-	3.3	Reservoir outlet
February 19, 2020	ug/L	10	-	0.3	Reservoir outlet
July 25, 2019	ug/L	10	-	3.4	S2-1785 Empress Rd
April 25, 2019	ug/L	10	-	3.9	S2-1785 Empress Rd
April 4, 2019	ug/L	10	-	3.7	S1-1866 Burnham Rd
April 4, 2019	ug/L	10	-	3.8	S2-1785 Empress Rd
March 14, 2019	ug/L	10	-	4.3	S1-1866 Burnham Rd
March 14, 2019	ug/L	10	-	4.3	S2-1785 Empress Rd
February 21, 2019	ug/L	10	-	3.8	S2-1785 Empress Rd
December 18, 2018	ug/L	10	-	0.3	S1-1866 Burnham Rd
November 29, 2018	ug/L	10	-	4.4	S2-1785 Empress Rd
August 2, 2018	ug/L	10	-	3.5	S1-1866 Burnham Rd
June 21, 2018	ug/L	10	-	3.4	S1-1866 Burnham Rd
June 11, 2018	ug/L	10	-	4.9	S1-1866 Burnham Rd
June 7, 2018	ug/L	10	-	7.7	S1-1866 Burnham Rd
May 24, 2018	ug/L	10	-	8.2	S1-1866 Burnham Rd
April 19, 2018	ug/L	10	-	3.3	S2-1785 Empress Rd
April 12, 2018	ug/L	10	-	4.7	S2-1785 Empress Rd
February 22, 2018	ug/L	10	-	5.2	S1-1866 Burnham Rd
January 25, 2018	ug/L	10	-	9.7	S2-1785 Empress Rd
December 7, 2017	ug/L	10	-	5.8	S2-1785 Empress Rd
November 9, 2017	ug/L	10	-	5.2	S2-1785 Empress Rd
August 24, 2017	ug/L	10	-	<b>17.8</b>	S2-1785 Empress Rd
August 3, 2017	ug/L	10	-	<b>13.7</b>	S1-1866 Burnham Rd
July 20, 2017	ug/L	10	-	<b>14.6</b>	S2-1785 Empress Rd
June 29, 2017	ug/L	10	-	<b>11.6</b>	S1-1866 Burnham Rd
June 15, 2017	ug/L	10	-	9.0	S2-1785 Empress Rd
June 1, 2017	ug/L	10	-	8.5	S1-1866 Burnham Rd
May 18, 2017	ug/L	10	-	7.2	S2-1785 Empress Rd
May 4, 2017	ug/L	10	-	<b>20.6</b>	S1-1866 Burnham Rd

MAC: Maximum Allowable Concentration

AO: Aesthetic Objective

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Sampling Date	UNITS	MAC	AO	Total Arsenic	Sampling Location
April 20, 2017	ug/L	10	-	7.6	S2-1785 Empress Rd
March 30, 2017	ug/L	10	-	8.0	S2-1785 Empress Rd
March 16, 2017	ug/L	10	-	7.8	S1-1866 Burnham Rd
February 16, 2017	ug/L	10	-	7.6	S2-1785 Empress Rd
February 2, 2017	ug/L	10	-	7.8	S1-1866 Burnham Rd
January 5, 2017	ug/L	10	-	7.7	S1-1866 Burnham Rd
December 21, 2016	ug/L	10	-	2.0	S2-1785 Empress Rd
December 8, 2016	ug/L	10	-	6.8	S1-1866 Burnham Rd
December 1, 2016	ug/L	10	-	7.2	S2-1785 Empress Rd
October 27, 2016	ug/L	10	-	8.0	S2-1785 Empress Rd
October 13, 2016	ug/L	10	-	<b>11.7</b>	S1-1866 Burnham Rd
September 29, 2016	ug/L	10	-	0.2	S2-1785 Empress Rd
September 15, 2016	ug/L	10	-	<b>13.3</b>	S1-1866 Burnham Rd
September 1, 2016	ug/L	10	-	9.4	S2-1785 Empress Rd
August 11, 2016	ug/L	10	-	<b>10.3</b>	S2-1785 Empress Rd
July 28, 2016	ug/L	10	-	<b>10.1</b>	S1-1866 Burnham Rd
July 14, 2016	ug/L	10	-	8.7	S2-1785 Empress Rd
June 29, 2016	ug/L	10	-	9.5	S1-1866 Burnham Rd
June 9, 2016	ug/L	10	-	7.4	S1-1866 Burnham Rd
May 26, 2016	ug/L	10	-	5.8	S1-1866 Burnham Rd
May 25, 2016	ug/L	10	-	5.8	S1-1866 Burnham Rd
May 12, 2016	ug/L	10	-	5.9	S1-1866 Burnham Rd
April 28, 2016	ug/L	10	-	6.5	S1-1866 Burnham Rd
April 10, 2016	ug/L	10	-	6.8	S1-1866 Burnham Rd
March 27, 2016	ug/L	10	-	6.4	S2-1785 Empress Rd
March 10, 2016	ug/L	10	-	5.31	S1-1866 Burnham Rd
February 17, 2016	ug/L	10	-	5.6	S2-1785 Empress Rd
February 4, 2016	ug/L	10	-	6.0	S2-1785 Empress Rd
January 21, 2016	ug/L	10	-	6.2	S1-1866 Burnham Rd
January 7, 2016	ug/L	10	-	5.7	S1-1866 Burnham Rd

MAC: Maximum Allowable Concentration

AO: Aesthetic Objective