

# Reintroduction of Fluoridation to the Water Treatment Process

Utilities and Environmental Protection

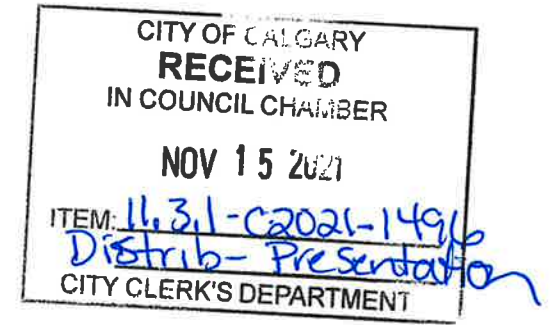
C2021-1496

November 15, 2021 – Combined Council

ISC: Unrestricted



# Recommendations



Council direct Administration to implement Water Fluoridation into the Water Treatment Process.



## Cost Implications and Fluoridation Considerations

- Estimated Cost to reintroduce fluoridation:
  - Capital Costs - \$10.1 M (-30% / + 50% estimate).
  - Annual Operating and Maintenance costs – approximately \$1.0 M over the 20-year lifespan of the infrastructure.
- The investment and expenditure due to the reintroduction of fluoride would not require an increase to Water Rates.
- An amendment of operating approval with Alberta Environment Parks is required to reintroduce fluoride.
- Council has the authority to introduce water fluoridation without passing a bylaw.
- Implementation will take 18-24 months (includes securing supply, operating approval changes and construction).





## Vote of Electors results

Ward	Yes (%)	YES Votes	No (%)	NO Votes
<b>1</b>	60.66%	17,386	39.34%	11,275
<b>2</b>	60.58%	13,796	39.42%	8,977
<b>3</b>	59.62%	11,942	40.38%	8,087
<b>4</b>	58.77%	15,369	41.23%	10,783
<b>5</b>	62.81%	7,450	37.19%	4,412
<b>6</b>	63.74%	20,368	36.26%	11,589
<b>7</b>	68.22%	15,744	31.78%	7,334
<b>8</b>	71.27%	19,896	28.73%	8,019
<b>9</b>	57.13%	9,784	42.87%	7,342
<b>10</b>	53.62%	8,273	46.38%	7,157
<b>11</b>	61.13%	21,299	38.87%	13,545
<b>12</b>	60.83%	14,075	39.17%	9,065
<b>13</b>	59.31%	14,422	40.69%	9,895
<b>14</b>	59.83%	16,516	40.17%	11,088
<b>TOTAL</b>	<b>61.61%</b>	<b>206,320</b>	<b>38.39%</b>	<b>128,568</b>

Council direct Administration to implement Water Fluoridation into the Water Treatment Process.