

# 10 Case Study

OMNILYTE  
EXCLUSIVE RECORD  
OF INFORMATION  
ECA TECHNOLOGY

1-800-419-5707

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## Anolyte & Catholyte

*Our Research and practical experience, along with feedback from many happy customers has revealed that Anolyte is exceeding performance as a substitute for synthetic and toxic chemicals. Already being used in all phases of Water Treatment, Hospitality, Food Processing & Sanitization, ECA Water is also recognized by several approval bodies across Canada and the USA including organic.*

Omni-Lyte Enviro Inc./US LLC  
PO Box 328  
Wawanesa, MB R0K 2G0  
Fax 1-888-433-8415  
[info@omnilyte.com](mailto:info@omnilyte.com)



## Downie Lake Farms

Maplecreek, SK  
CANADA

Public Water System & Livestock  
Drinking Water

## ELA Series Innovation:

*These units are commercially designed to generate on-site, cleaning, disinfecting and sterilizing solutions out of 0.2% - 0.8% salt brine (NaCl or KCl). Each unit uses dual cell polymer or ceramic membranes to separate positive and negative ions for consistent results. Specialized models include lower salt and energy consumption, stronger concentrations, along with other accessory features. Custom options available!*

*Anolyte specs: 100-700ppm,, pH range ~ 4-8.4, ORP up to + 1100mV*

*Catholyte specs: 100-1000ppm, pH range ~12-13.5, ORP of -800 to -1000mv*

## Facility:

60,000GPD Public Water Treatment Plant

## Results vs previous chemical solutions:

- **Complete efficient Manganese oxidation/removal consistant from 1.7ppm to 0.00ppm with Anolyte feed prior to nextsand filtration**
- **Longer filter runs**
- **Not dealing with hazardous toxic chemicals**
- **More durable HOCL residuals**
- **Complete biofilm removal**
- **Better taste/odour**
- **Better livestock overall performance**



**Omni Lyte**  
Envirolyte Empowered Water Technology