

# 'Decon Site' Sewage Lagoon

## Stats:

**LOCATION:**

CFB Suffield, Alberta



**CLIENT:**

Defence Research and Development  
Canada Suffield

**PROJECT TIMELINE:**

2006 2008 2010 2012 2014



**OUR ROLE:**

Engineering assessment and  
recommendations

**PROJECT TYPE: Decontamination Sewage Lagoon and evaporation pond assessment**



**PROJECT DESCRIPTION:**

The decontamination facility at CFB Suffield was constructed with its own sewage lagoon system. Increased usage and changes in seasonal weather patterns had resulted in the lagoon system levels beyond what was considered suitable for proper operation. DRDC Suffield was interested in analysing current flow patterns and lagoon design for sustainable operations of the sewage lagoon system.

**SERVICES WE PROVIDED:**

We evaluated the existing capacity of the lagoons and evaporation pond. We assessed the sewage flow rates from a number of factors and compared that the water usage rates. We prepared drawings and recommendations for short and long term mitigation measures.