

### **Bio-Desolve Wastewater Treatment in Holding Tanks:**

- Digests and reduces solids in the holding tank, increasing storage capacity
- Reduces hauling costs
- Reduces environmental impact of contaminants when land applying

#### Testimonial:

A town with a population of 1000, has a 1000m<sup>3</sup> holding tank where Bio-Desolve Wastewater Treatment was directly applied.

#### Before Treatment:

- Historic annual waste land applied = 605m<sup>3</sup>
- Annual cost to haul and land apply = \$5747.5 (at \$9.50/m<sup>3</sup>)
- Odours present
- Had to haul each year due to storage limitations

#### After Treatment:

- Annual waste land applied = 402m<sup>3</sup>
- Annual cost to haul and land apply = \$3819.00 (at \$9.50/m<sup>3</sup>)
- Minimal odour
- Able to skip a year of hauling as there was ample storage
- Bio-Desolve reduced biosolids by 20%
- Able to decant approximately 20% more water
- Thicker biosolid waste to land apply

#### Operator Comments:

- The odours were reduced drastically, to the point where farmers who owned the fields where waste was being land applied were asking “why does this waste not smell?”
- Able to skip a year of land application, as there was plenty of storage in the holding tank, saving in labour costs as well as hauling costs
- Comforting to know that our storage capacity has a longer potential than previously thought
- The holding tank had little to no odour throughout the year, but remained extremely active

