

Case Study

Farm Fresh Poultry
Harriston, Ontario

DAF Wastewater Treatment System



This customer, Farm Fresh Poultry, required a treatment system to reduce the wastewater load and meet city sewer discharge limits on the effluent.

H2flow provided a physical/chemical treatment system based on dissolved air floatation. The average flowrates are 12 m³/hr with a peak of 16m³/hr.

The installation contractor was H2Ontario Inc. and the plant was started up in 2008.

The system has been achieving the following removal performance:

| | <u>Influent(mg/l)</u> | <u>Effluent(mg/l)</u> | <u>Bylaw Limit(mg/l)</u> |
|--------------|-----------------------|-----------------------|------------------------------|
| BOD | 2830 | 224 | 300 |
| TSS | 1300 | 48 | 350 |
| Oil & Grease | 1100 | 28 | 100 |
| Phosphorus | 79 | 24 | 10 |

H2FLOW EQUIPMENT INC.