



Integral Farms Inc.
8157 Inadale dr
Strathroy ON
N0L 1W0
Attn. Mike Arts, Jared Atkinson

July 13th, 2023

Hello Mike and Jared,

As per your request the following:

I have done a full inspection on-site at Integral Farms regarding the current septic situation.

Based on the drawings I received from Mike Arts, I verified the current system. I have come to the following conclusion:

1. **The existing system is calculated for: 9825-liter p/day**
2. The existing system is designed by Bos Engineering & Environmental Services Inc. and was based on:
 - 80 employees x 75Liter p/day – 6000 Liter p/day
 - Equipment/Floor washing 3000 Liter p/day
 - Added load for unknown uses 825 Liter p/day
3. The Existing system is inspected and tested by us, and is working in good order.

Your request below is calculated and based on: Peralta Engineering design

- 16 off-shore workers (for now)
- 9 staff employees
- 3 loading docks
- 16 Future off shore workers employees

As per OBC 8.2.1.3 (1)

- With meal, laundry etc. 250 liters p/person x 16 = 4000 Liter
- Per employee (8-hour shift) is 75 liters x 9 = 675 Liter
- 3 loading docks = 450 Liter p/day
- Future off shore workers with meal, laundry etc. 250 liters p/person x 16 = 4000 Liters
- **TOTAL DAILY SANITAIRY SEWAGE FLOW: 9,125 Liter**
- No floor drains are directed to any septic tank



I will meet one of the ECOFLO specialist in the next 2 weeks for inspect and maintenance check the Ecoflow type: ST650P (currently in place.)
When that is completed, I know for sure if everything is okay.

My BCIN number is: 105934
Our Company BCIN number is: 116392

If you have any questions, please let me know.

A handwritten signature in blue ink that reads 'Willem'. The signature is enclosed within a large, light blue oval stroke.

Willem Ligthart