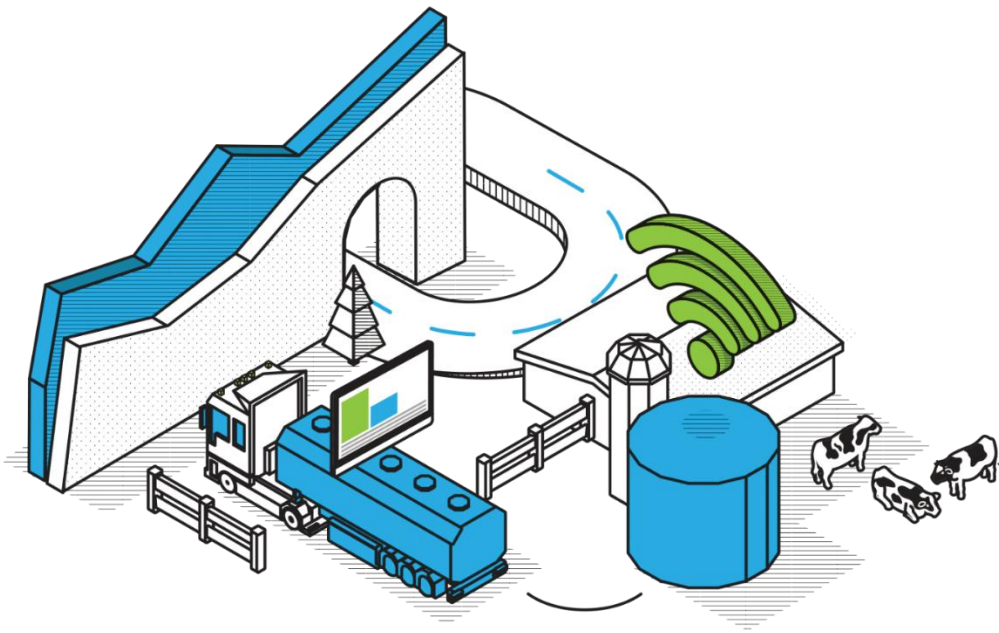


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# PIPER



US FloStream

Operation Overview

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Please refer to the operators manual for additional details. The driver will use the HMI and enter the following details:

## **1.0 LOGIN DETAILS**

1. Enter or scan their driver number.
2. Enter or scan a load tracking number or a manifest number.
3. Enter the route number
4. Enter the trailer number to be loaded and confirm the capacity.

## **2.0 COLLECTION DETAILS**

1. Confirm the tank / silo being collected.
2. Confirm the pick up weight.
3. Enter or scan the sample ID.
4. Enter the tank / silo temperature.
5. Load the sample vial and sample tube as per the sampling SOP
6. Verify that all the collection details are correct.
7. Press “START” to initiate the collection sequence
  - a. The pump will start at low speed before ramping to high speed
  - b. Towards the end of the collection the pump will ramp down to low speed

## **3.0 END OF COLLECTION SEQUENCE**

1. The FloStream will automatically stop the pump once the trailer capacity is reached.
2. If milk remains in the line between the tank/silo and the pump at the end of collection, the FloStream will automatically run the pump to clear the line.
3. Once the line is empty, the FloStream will automatically purge the line from the delivery valve to the trailer using filtered air.
4. Finally, the FloStream will open the drain valve to equalize pressure in the discharge line, allowing the driver to safely disconnect the pickup hose.

## **4.0 END LOAD DETAILS**

1. The driver will press “Logout” to end the load.
2. The driver will confirm the sampler’s license details.
3. The driver will confirm the delivery location details.
4. The FloStream will print a load manifest receipt.

## **5.0 CIP DETAILS**

1. The farm wash system will signal the FloStream that the CIP is commencing (CP1 Signal).
  2. The driver will enter the tank / silo that is being washed and press “NEXT”.
  3. The farm wash system will signal the FloStream that the cycle is commencing (CP2 Signal).
  4. The driver can pause the CIP at any time on the FloStream by pressing “STOP”. This does not pause the farm wash system.
  5. Press “EXIT” to finish the CIP on the FloStream or it will stop automatically when the CP1 signal drops out.
- Please refer to the US FloStream CIP Process for additional details.
  - The farm wash system communicates with the the FloStream via the CP1 (continuous) and CP2 (cycle) signals.