1. PURPOSE
To describe how to clean and manage the Manure system in the layer barn servicing room 100 and 200.

2. RESPONSIBILITY
2.1 Poultry Unit Staff
2.2 Poultry Unit Technician

3. MATERIALS
3.1 Metal sticks
3.2 Bucket
3.3 Pine sol
3.4 Yellow straight-edge scraper
3.5 PPE (mask, gloves)
3.6 Enter here

4. PROCEDURES
4.1 Manure is collected and disposed of twice/week.
4.2 Assemble all necessary equipment as listed in Section 4.
4.3 Remove the first 2 floor metal panels (closest to the cages) located at the end of each row.
   4.3.1 Insert the metal stick hooks into the hole of the metal floor panel, diagonally, on opposite ends.
4.4 Remove the feedbag obstructing the manure system’s exit port in the conveyer room 600. The feedbag serves to prevent cold air from entering the barn during colder months.
4.5 Start the operation of the pit conveyer belt using the control panel in room 600.
4.6 Set up the belt scraper at each tier by pulling down the 2 metal levers on each side of the rows, locking them into position.
4.7 Starting at the furthest 2 rows, press “START” on the rows’ designated white conveyer belt control panel.

* DO NOT run all the white conveyer belts simultaneously as this will jam the pit conveyer belts.*

4.8 Stop the operation of the white conveyer belts once it is empty of manure.
4.9 Unlock the belt scrapers, ensuring that they are in a flipped position. Manure will fall out.
4.10 Scrape all of the excess manure off of the stainless steel scraper blades (front and back) located at the end of each row.
4.11 Repeat steps 4.4 to 4.10 for all rows in Rooms 100 and 200.
4.12 Dilute 1-cup of Pine Sol in a bucket of warm water.
4.13 Don latex gloves.
4.14 Wash the stainless steel scrapers (front & back) using a disinfectant-soaked sponge wash cloth or sponge.

* Ensure that the white conveyer is OFF when manually cleaning or removing manure

4.15 With a squeegee, remove the manure that is just above the red conveyer belt and on the deflector plate for each row in each room.

4.16 Sweep excess manure found in the groove above the deflector panel with a corn broom.

4.17 Sweep manure into the manure pit.

4.18 Turn off the pit conveyer belt using the control panel in Room 600.

4.19 Turn off the pit conveyer belt using the control panel in Room 600 once the manure trailer is full.

4.20 Using a tractor, transport and empty the manure trailer in the manure barn.

4.21 Return the manure trailer to the Poultry Barn and park under the conveyer.

4.22 Repeat until all spoiled bedding/manure has been disposed of.

4.23 In winter months, replace the straw-filled feedbags at the conveyer exit port to block cold air.

4.24 Pull down the control panel lever in room 600 to close the inside manure belt.

4.25 Return floor panel back in place using the metal stick hooks.

4.25.1 Insert the metal stick hooks into the hole of the metal floor panel, diagonally, on opposite ends.

4.26 Empty bucket and rinse wash cloth.

4.27 Return all equipment to their proper storage location.

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### Document Status and Revision History

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<th>DATE</th>
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<td>9-July-2019</td>
<td>Revision 1</td>
<td>Full Revision: MacDonald Campus FACC approved</td>
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