

# Standard Operating Procedure: Effluent – Mainline Injection

For further information refer to the Effluent Management Plan

**Farm:** \_\_\_\_\_

**SOP Date:** \_\_\_\_\_

**Purpose:** To ensure that all effluent applications are made without exceeding the field capacity of the soil and meet Good Management Practise and comply with any relevant resource consent.

If spreading conditions are appropriate the pond will maintain at least 1/3 freeboard.

## Mainline Injection Procedure:

1. Check with \_\_\_\_\_ or \_\_\_\_\_ that effluent is to be applied
2. Check soil moisture monitoring tape to ensure an effluent application is appropriate. Soil Moisture Deficit must be greater than the Maximum Application Depth applied
3. Effluent must be turned off when pivot is passing through the \_\_\_\_\_ area to avoid the risk of effluent drifting onto unwanted areas.
4. Start pivot and switch on effluent at the effluent pump shed
5. Record Effluent Application Information:
  - Direction (E.g. north to south), zone/s that pivot is passing through and application rate.
6. Keep a close eye on pivot when effluent is running

Daily	Weekly	As Required
Ensure sand trap & effluent saucer don't overflow	Clean solids out of the stone trap	Clean solids out of the effluent saucer
Check pontoon position and floatation and grease if required	Check for evidence of leakage from effluent ponds	Spread solids using the slurry tanker, ensure a record is kept
Check that pump between saucer and pond is operating and saucer is automatically being pumped out	Grease Pivot	
Check nozzles on pivot are unblocked and are spinning		

**Emergency Contacts:**

- \_\_\_\_\_: \_\_\_\_\_
- \_\_\_\_\_: \_\_\_\_\_
- \_\_\_\_\_: \_\_\_\_\_
- \_\_\_\_\_: \_\_\_\_\_

## **Mainline Injection of Effluent:**

1. CHECK WITH XXXXXXXX BEFORE TURNING ON
2. NO EFFLUENT TO BE SPREAD IN XXXXX
3. KEEP A RECORD OF WHERE ITS SPREAD & WHEN
4. EFFLUENT MUST NOT EVER HIT THE ROAD THROUGH END GUN

MAP OF EFFLUENT AREA

