Effluent Standard Operating Procedure: Travelling Irrigator
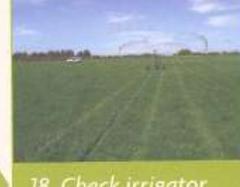
Soil Moisture Deficit > Maximum Application

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.

1. Soil
Check the soil moisture. Is it too wet to irrigate?

2. Location
Check the irrigator is in the right location. Check run sheet. Make sure irrigator is away from waterways

3. Remove anchor
Remove the anchor from the post or ground

4. Gear/Brake
Take the irrigator out of gear and take the brake off

5. Wind wire
Wind wire rope slowly

6. Disconnect hose
Disconnect the drag hose from the irrigator

7. Attach
Reverse the bike/tractor towards the irrigator and hook onto the tow ball to move the irrigator to the new run

8. Move
Slowly move the irrigator to the new run. Turn boom lengthways and hang onto it at all times

9. Run the wire
Slowly run the wire rope down the length of the run. Do not go too fast or the rope will tangle

10. Secure anchor
Secure the anchor so it won't pull off/out

11. Hose
Disconnect the drag hose. Never pull more than 2 lengths (50m) at a time. Disconnect from the hydrant if necessary

12. Tow hose
Tie the rope around the pipe and connect to the tow bar. Tow the hose at the female end to avoid tearing the clips off

13. Connect hose
Lay the hose down the run within 3m of the wire to minimise drag. Re-connect the hose to the irrigator

14. Gear/brake
Put the irrigator back into gear (fast speed) and insert brake

15. Wind wire
Wind up the slack in the wire rope, and check the cut-off on the winch winder

16. Cover troughs
Cover any troughs

17. Record
Record run on the run sheet

18. Check irrigator
Is the irrigator moving forward at the fastest speed with the boom spinning? Is there any ponding?

Travelling Irrigator Effluent Application:

1. **CHECK WITH XXXXXXXX BEFORE TURNING ON**

2. **NO EFFLUENT TO BE SPREAD IN XXXXXXXX**

3. **KEEP A RECORD OF WHERE ITS SPREAD & WHEN**

4. **EFFLUENT MUST NOT EVER POND**

Map of effluent area: