

Craven Farms Inc. 52-74: Setting up Irrigation Pump Approved by: Date Reviewed _____	Corresponding requirements: ISO 14001 4.4.6
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Setting up Irrigation Pump

Significant Aspects:

Animal waste
 Excess Sludge Accumulation
 Effluent Application

Potential Environmental Impacts:

Land, surface water, ground water, air quality

Work activities seek to protect against potential impacts to surface and ground water from excess effluent application including operator error, equipment malfunction, or poor weather conditions.

Report anything unusual to farm manager or record if farm manager.

Move tractor to pump location.

should be set so travel speed of boom is set according to irrigation design in "Nutrient Utilization Plan Certification" folder.

Connect pump to tractor.

Check for straight alignment of pump to PTO shaft to prevent damage to pump.

On at least an annual basis, check reel system traveling using one of the following:

Hook-up emergency shut-off switch by plugging in 2 wire connectors.

Tape and stop watch - Mark spot on field close to reel system but where hose lays flat on ground, measure 32 inches away from spot and away from reel system. Mark a spot on tape. After the start-up time how long until marks meet. Adjust slower or faster as needed to meet this.

Set up reels in field to desired location.

Note: Tractor and reel system must both be in place prior to operation.

Start tractor.

Perform manual check of shut-off switch using system manual bypass switch.

Should match inches per minute as specified in the waste management plan. Check date of most current waste management plan under "Regulatory and other requirements" chart (Table CF-2).

Check pressure on booms by walking and looking at gauge – should read 15 lb., adjust tractor RPM if needed.

Following this step, during the year engine RPM speed can be checked by using tachometer.

Check tachometer gauge for correct reading. Tachometer

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