



White Land Solutions Ltd

Crouchlands Farm Lagoon 3

Our Spreading Operations

9th September 2025



Introduction



Who We Are

- ♦ Established specialists in organic recycling
- ♦ Over 25 years of industry experience
- ♦ Fully licensed with all required permits from the Environment Agency
- ♦ Certified in agricultural nutrient management



Why We Are Here Today

- ♦ Present our responsible spreading operations from the lagoon
- ♦ Explain the process, benefits, and safeguards in place
- ♦ Address community questions and concerns
- ♦ Establish open communication channels with local residents



What is lagoon 3 spreading?



The Process

- ♦ Lagoon stores organic material (digestate/slurry) until conditions are suitable
- ♦ Storage allows proper fermentation and stabilisation of nutrients
- ♦ Material is contained within environmentally secure facilities






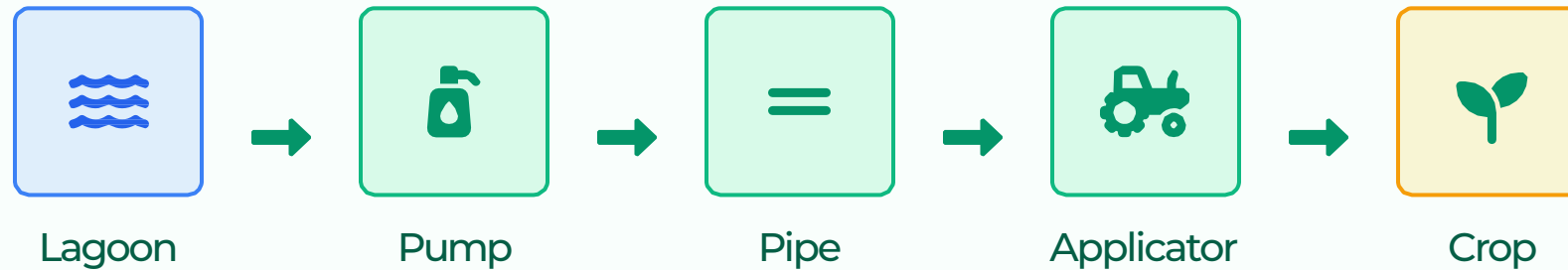
Benefits of an Organic Fertiliser

- ♦ Spreading recycles nutrients back to the soil as a natural fertiliser
- ♦ Reduces the need for chemical fertilisers and supports sustainable farming
- ♦ Improves soil structure and enhances biological activity
- ♦ Creates a circular economy for organic waste materials



How the Operation Works

-  Pumping from the lagoon to the field via an umbilical pipe system
-  Tractor and applicator distribute material evenly across fields
-  Controlled application rates to match crop and soil needs



The umbilical pipe system allows efficient transfer of material with minimal soil compaction and reduced vehicle movements



Compliance & Safeguards



Regulatory Compliance

- ♦ Fully permitted under Environment Agency regulations
- ♦ Environmental Management Plan in place
- ♦ Buffer zones around watercourses and sensitive areas



Safety Measures

- ♦ No spreading in unsuitable weather conditions (rain/frozen/compacted ground)
- ♦ Emergency procedures and spill response protocols
- ♦ Regular equipment maintenance and inspection
- ♦ Staff trained in safe handling procedures



Protecting the Community



Noise & Odour Management

- ♦ Minimised through the use of modern equipment and best practices
- ♦ Regular maintenance of all machinery to reduce noise emissions



Traffic Management

- ♦ Tractor routes are carefully planned to avoid residential areas
- ♦ Predetermined schedules are used to minimise the impact on local traffic



Operation Hours

- ♦ All activities are conducted during daylight hours only
- ♦ No operations on weekends or public holidays



Monitoring Systems

- ♦ Continuous monitoring of weather and soil conditions
- ♦ Real-time adjustments to operations based on environmental data



Benefits for the Local Area



Improved Soil Health

- Enhances soil structure and quality
- Increases organic matter content
- Leads to higher crop yields
- Promotes sustainable land management



Local Economy Support

- Strengthens local farming businesses
- Creates and maintains rural jobs
- Reduces costs for local farmers
- Supports regional food production



Reduced Chemical Dependency

- Decreases reliance on imported fertilisers
- Lowers carbon footprint from transport
- Reduces chemical runoff into waterways
- Promotes circular economy principles



Environmental Responsibility

- Provides responsible waste management
- Completes natural nutrient cycle
- Reduces landfill waste
- Lowers greenhouse gas emissions



Addressing Concerns



Odour Management

- ♦ Short-term impact only during application
- ♦ Strategic timing of operations to minimise the effect
- ♦ Advanced application methods reduce odour intensity
- ♦ Weather conditions are monitored to prevent dispersal toward residential areas



Traffic Management

- ♦ Carefully planned transport routes, avoiding populated areas
- ♦ Clear safety signage during operational periods
- ♦ Scheduled deliveries to minimise peak traffic disruption
- ♦ Clean roads policy to prevent mud tracking



Water Protection

- ♦ Strict compliance with buffer zones around watercourses
- ♦ Regular water quality monitoring upstream and downstream
- ♦ No application during heavy rain or flood risk periods
- ♦ Immediate response protocols for any environmental incidents



Our Commitment



Communication & Transparency

- ♦ Open and proactive communication with the council and local residents
- ♦ Regular updates on operational schedules and activities
- ♦ Educational resources about nutrient recycling benefits



Rapid Response

- ♦ Dedicated contact point for addressing concerns during operations
- ♦ Prompt response protocols to any issues that arise
- ♦ Regular review of community feedback to improve processes



Partnership Approach

- ♦ Working together with all stakeholders for mutual benefit
- ♦ Long-term commitment to environmental sustainability
- ♦ Supporting the local agricultural economy through responsible practices



End

Any questions or further concerns

We have not addressed

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