

ENVIRONMENTAL MANAGEMENT SYSTEM

Ballyfaskin Enterprises Ltd
Ballyfauskeen
Ballylanders
Co Limerick

- This pig farm has been selected by EU PiG Innovation Group, as a 2020 Grand Prix Winner in an EU wide competition involving over 300 pig farms. The competition was in relation to Health Management and the Use of Slaughter Data Dashboard
- System to improve Pig Herd Health.
- The pig farm operates a level of food quality assurance that complies with the standards of the *Bord Bia Pigmear Quality Assurance Scheme* and the *Red Tractor Food Quality Assurance Scheme*.
- The pig farm is audited annually for these two quality assurance schemes.
- The pig farm is subject to inspections by the Department of Agriculture, Food and the Marine (DAFM) in relation to recording animal movements and pig manure exports.

Best Available Technology (BAT) for the Pig and Poultry Intensive Agriculture industry recommends that an Environmental Management System is in place. The pig farm operates an EMS which incorporates the following features;

1. Commitment of the management, including a definition, by the management, of an environmental policy that includes the continuous improvement of the installation's environmental performance;
2. Planning and establishing the necessary procedures, objectives and targets, in conjunction with financial planning and investment;
3. Implementation of procedures paying particular attention to:
 - a) Structure and responsibility, training, awareness and competence of employees;
 - c) Communication with employees and customer farmers for pig manure;
 - d) Employee involvement;

- e) Documentation and record keeping for EPA, Bord Bia (e.g. medicines), 'Red Tractor' and DAFM (e.g. pig manure exports);
 - f) Effective process control that minimises material usage and costs;
 - g) Maintenance programmes to achieve high operational standards;
 - h) Emergency preparedness and response;
 - i) Safeguarding compliance with environmental and health and safety legislation;
4. Checking performance and taking corrective action, paying particular attention to:
 - a) Monitoring and measurement (Annual Environmental Reports are completed yearly showing records of storm water quality);
 - b) Corrective and preventive action;
 - c) Maintenance of records (livestock register, pig manure register, medicines records, waster registers, inspection records (surface water)
 - d) Auditing in order to determine whether or not the EMS conforms to planned arrangements and has been properly implemented and maintained;
 5. Review of the EMS and its continuing suitability, adequacy and effectiveness by senior management with the assistance of Teagasc Advisor;
 6. Being open minded to the development of cleaner technologies (as verified by receiving the EU PiG Innovation Group, 2020 Grand Prix Winner);
 7. Application of sectoral benchmarking on a regular basis based on membership with Teagasc discussion groups.
 8. Implementation of a noise management plan;
 9. Implementation of an odour management plan;
 10. Implementation of an integrated pest and rodent control programme;
 11. Implementation of Good House Keeping Measures such as;
 - a) Reduce transport of animals and materials (including manure);
 - b) take into account prevailing climatic conditions (e.g. wind and precipitation);
 - consider the potential future development capacity of the farm;
 - Prevent the contamination of water.
 - c) Educate and train staff, in particular for relevant regulations, livestock farming, animal health and welfare, manure management, worker safety;
 - d) Regular repair and maintenance of equipment and check, repair and maintain structures and equipment, such as:

- slurry stores for any sign of damage, degradation, leakage;
- slurry pumps, mixers, separators, irrigators;
- water and feed supply systems;
- ventilation system and temperature sensors;
- Feed silos and transport equipment (e.g. valves, tubes);
- Store dead animals in such a way as to prevent or reduce emissions.
- High degree of cleanliness of the farm and pest management.

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