

FOOT-AND-MOUTH DISEASE (FMD) BIOSECURITY PROTOCOL

Blue Crane Environmental (Pty) Ltd

Applicable to Specialist Site Visits – Free State Wind Energy Facilities

1. Purpose

This protocol has been developed to minimise the potential risk of transmission of Foot-and-Mouth Disease (FMD) during specialist site visits to agricultural properties, particularly livestock farms, within the Free State Province.

Blue Crane Environmental recognises the importance of protecting agricultural operations and is committed to implementing practical and precautionary biosecurity measures during all site investigations.

2. Applicability

This protocol applies to all appointed specialists and sub-consultants, including but not limited to:

- Archaeologists
- Avifaunal specialists
- Bat specialists
- Terrestrial ecologists
- Aquatic specialists
- Soil and agricultural potential specialists
- Visual specialists
- Any other field-based personnel

3. Pre-Visit Risk Awareness

Prior to any site visit:

- The most recent official FMD outbreak map will be reviewed. (<https://rmis.co.za/disease-incidents/>)
- Specialists must confirm whether they have visited any FMD control or outbreak area within the previous 14 days.
- Any recent contact with livestock must be disclosed.

Where elevated risk is identified, Blue Crane may require postponement of site access or implementation of enhanced precautionary measures.

4. Vehicle Biosecurity Measures

- Vehicles must arrive on site free of visible mud, manure or organic debris.
- Tyres and wheel arches must be sprayed with approved disinfectant:
 - Before entering a farm; and
 - When moving between different farms.
- Unnecessary driving through livestock camps must be avoided.

5. Footwear and Personal Equipment

- Closed field boots must be worn at all times.
- Boot soles must be disinfected:
 - Before entering a property;
 - Before leaving a property; and
 - Between farms when multiple properties are visited.
- Any equipment that comes into contact with the ground (e.g. tripods, survey poles, soil augers, pegs, tools) must be disinfected before moving between farms.
- Disposable boot covers may be used where appropriate.

6. Movement and Conduct on Site

- Direct contact with livestock is strictly prohibited.
- Specialists must avoid walking through herds where possible.
- Gates must be kept closed at all times.
- Entry routes and movement must follow landowner instructions.

7. Disinfectant

An approved disinfectant effective against FMD virus (e.g. Virkon S or equivalent) shall be used for tyre, footwear and equipment sanitation.

Specialists are required to carry basic biosecurity supplies during site visits.

8. Compliance

Adherence to this protocol is mandatory for all Blue Crane-appointed specialists conducting fieldwork on agricultural properties.

This protocol forms part of Blue Crane Environmental's commitment to responsible environmental management and landowner protection.

Blue Crane Environmental (Pty) Ltd

Date: 12/02/2026