

## ENVIRONMENTAL MANAGEMENT PLAN FORMAT

Version 2.0, September 26, 2018

Project IF ID: 50169

### I. MITIGATION PLAN

| Phase        | Issue   | Mitigating Measure   | Cost of Mitigation (If Substantial) | Responsibility*            | Supervision observation and comments (to be filled out during supervision) |
|--------------|---|--|-------------------------------------|----------------------------|--|
| Construction | Probiotic will be tested in veterinary clinical trial and will include treatment of diabetic cats and dogs with fermented probiotic or with pet food supplemented with lyophilized probiotic bacteria. The taking of blood samples for evaluation of the trial could be stressful for | The frequency of blood sampling will be reduced to minimum, at the beginning and at the end of the treatment period according to the ethical approval No. 323-07-04491/2017-05, obtained by Ethical Committee of Faculty of Biology, University of Belgrade and verified by Veterinary Directorate, Ministry | Minor                               | VS Equus-Vet doo and IMGGE |  |

|           |  |  |                           |  |   |
|-----------|--|--|---------------------------|--|---|
|           | animals.   | of Agriculture, Forestry and Water Management, Republic of Serbia  |                           |  |   |
| Operation | <ul style="list-style-type: none"> <li>• Accidental spoilage of the product manipulation during production</li> <li>• Product contamination during production and packaging</li> </ul> | <p>Trained workers and regular disinfection of working surfaces and floors according to established HACCP procedures, and regular use of UV lamps and other sterilization techniques (autoclaving) in accordance to traditional microbiology protocols.</p> <p>High hygienic standards (regular collection and removal of used plastic packaging, mandatory use of protective gloves and</p> | <p>Minor</p> <p>Minor</p> |  | <p>Invetlab doo</p> <p>Invetlab doo</p> |

|  |   |   |                           |  |   |
|--|---|---|---------------------------|--|---|
|  | Disposal of the returned and expired probiotic products | <p>working suits, established scaling-up procedures, in line with HACCP standard.</p> <p>In case of accidental product contamination, all products will be transported to rendering plant and destroyed in accordance to Invetlab's HACCP procedure and the agreement between Invetlab and rendering plant.</p> <p>All returned and expired products will be transported to rendering plant and destroyed in accordance to Invetlab's HACCP procedure and the contract between Invetlab and rendering plant</p> | <p>Minor</p> <p>Minor</p> |  | <p>Invetlab doo</p> <p>Invetlab doo and rendering plant</p> <p>Invetlab doo and rendering plant</p> |
|--|---|---|---------------------------|--|---|

\*Items indicated to be the responsibility of the contractor shall be specified in the bid documents

## II. MONITORING PLAN

| <b>Phase</b> | <b>What</b><br>parameter is to be monitored?   | <b>Where</b><br>is the parameter to be monitored? | <b>How</b><br>is the parameter to be monitored/<br>type of monitoring equipment?                      | <b>When</b><br>is the parameter to be monitored-<br>frequency of measurement or continuous?  | <b>Monitoring Cost</b><br>What is the cost of equipment or contractor charges to perform monitoring? | <b>Responsibility</b>          | <b>Supervision observation and comments</b><br>(to be filled out during supervision with reference to adequate measuring reports) |
|--------------|--|---|---|--|--|--------------------------------|---|
| Construction | <b>Monitoring consist of control of animal treatment in the veterinary trail process</b> | <b>In the VS Equus-Vet doo and IMGGE</b>          | <b>The treatment of each animal will be conducted and monitored by experts in veterinary medicine</b> | <b>The treatment of animals will be continuous during the minimum seven days and blood samples will be collected two times, at the begining and at the end of the treatment period</b> | <b>The cost are included in Equus-Vet budget</b>   | <b>VS Equus-Vet doo, IMGGE</b> |   |

|                  |  |   |  |   |  |   |  |
|------------------|--|---|--|---|--|---|--|
| <p>Operation</p> | <p>Monitoring consist of control and suggestion for improvement of the operation process</p> <ul style="list-style-type: none"> <li>•Control of working space</li> </ul> | <p>In the production facility, Invetlab</p> <p>In the production facility, Invetlab</p> | <p>By insight into process and supporting documents regarding everyday procedure for technological process in line with HACCP standard</p> <p>By insight into process and supporting documents regarding everyday procedure for technological process in line with HACCP</p> | <p>Continuously during the production process</p> <p>Continuously</p> | <p><b>Minor</b></p> <p>Regular activity with no additional expenses due to the project</p> | <p><b>Invetlab doo</b></p> <p><b>Invetlab doo</b></p> |  |
|------------------|--|---|--|---|--|---|--|

|  |   |  |  |                |   |  |  |
|--|---|--|--|----------------|---|--|--|
|  | Disposal of the returned and expired probiotic products | In the production facility and storage | standard<br><br>According to the contract between Invetlab doo and rendering plant | When necessary | Low expenses which are within existing monitoring for other product | <b>Invetlab doo</b><br><br><b>Invetlab doo and rendering plant</b> |  |
|--|---|--|--|----------------|---|--|--|

### **Public Consultation Details and Minutes of Meeting for the Environmental Management Plan**

Provide details on:

- Manner in which notification of the consultation was announced: media(s) used, date(s), description or copy of the announcement
- Date(s) consultation(s) was (were) held
- Location(s) consultation(s) was (were) held
- Who was specifically invited (Name, Organization or Occupation, Telephone/Fax/e-mail number/address (home and/or office))
  
- List of Attendees (Name, organization or occupation, contact details)
- Meeting Agenda
- Summary Meeting Minutes (Comments, Questions and Response by Presenters)
- List of decisions reached, and any actions agreed upon with schedules and deadlines and responsibilities.