Appendix C – Risk Assessment Form

Biological Safety Risk Assessment for Proposed Procedures

Date:_____ Principal Investigator:_____

Description of Materials & Procedures:_____

This form consists of 3 sections. Please complete this form in conjunction with the MSU Biosafety Officer.

SECTION 1
Material Source Information
Use this space to identify:

- Types of materials to be used including quantities and biological activation status
- Source, and any known infectious disease considerations associated with either the source species or the geographic location of the source species
- Procedural steps for the analysis, from material preparation through waste disposal

SECTION 2 **Infectious Disease Considerations** Complete this section for each agent identified as an infectious disease consideration in the previous section. Make additional copies of this section if needed.		
Agent		
Pathogenicity of the organism & Routes of transmission	Infectious Dose	
	Routes of Transmission	
	Host Range	
	Disease Severity	
	Previous History of Lab-Associated Infection	
Medical Surveillance	Pre-exposure recommendations (vaccines availability, indications, etc.)	
	Post-exposure recommendations (therapy or post-exposure prophylaxis availability, indications, etc.)	
	Personnel considerations (identify any health status conditions that would make a person more susceptible to infection or for who exposure to this agent is contraindicated.)	
Agent Stability & Specific Features	Means of chemical or physical inactivation	
	Any specific qualities of the agent that will hinder inactivation or medical treatment (i.e. antibiotic-resistance, genetic modification, etc.	

Biosafety Level & Containment Practices Assignment ***(Consult with the Biosafety Office as needed))***

Use this space to summarize:

- Regulatory recommendation or restriction factors (USDA, CDC, etc.)
- Factors associated with the process that impact biosafety level assignment
- Biosafety level assignment along with any additional procedural considerations

Date of implementation: Date due for review:

Note that any biological exposure incident associated with the outlined procedure may be indicative of a need for procedural change. In this instance, a review of the procedure and the risk assessment document must be conducted within 30 days of a biological exposure incident.