Backgrounder on Monitoring in the Lekagul Wildlife Preserve Area

*An information sheet provided by your state and local government looking to protect both humans and wildlife in our sensitive natural environments.*

With the passage of the Mistford Pact of 2010, the town and the Preserve have set into place certain safeguards to help ensure the safety of the people, animals, and vegetation of our area. When Mistford began growing its manufacturing industry, both the town and the companies wished to ensure an environmentally sound and economically supportive partnership. With these aims in mind, air sampling sensors have been placed near the town and in the Preserve to monitor air quality.

These sensors collect information on several substances of potential concern, including:

< *Next section excerpted for brevity*>

Appluimonia – An airborne odor is caused by a substance in the air that you can smell. Odors, or smells, can be either pleasant or unpleasant. In general, most substances that cause odors in the outdoor air are not at levels that can cause serious injury, long-term health effects, or death to humans or animals. However, odors may affect your quality of life and sense of well-being. Several odor-producing substances, including Appluimonia, are monitored under this program.

Chlorodinine – Corrosives are materials that can attack and chemically destroy exposed body tissues. Corrosives can also damage or even destroy metal. They begin to cause damage as soon as they touch the skin, eyes, respiratory tract, digestive tract, or the metal. They might be hazardous in other ways too, depending on the particular corrosive material. An example is the chemical Chlorodinine. It has been used as a disinfectant and sterilizing agent as well as other uses. It is harmful if inhaled or swallowed.

Methylosmolene – This is a trade name for a family of volatile organic solvents. After the publication of several studies documenting the toxic side effects of Methylosmolene in vertebrates, the chemical was strictly regulated in the manufacturing sector. Liquid forms of Methylosmolene are required by law to be chemically neutralized before disposal.

AGOC-3A – New environmental regulations, and consumer demand, have led to the development of low-VOC and zero-VOC solvents. Most manufacturers now use one or more low-VOC substances and Mistford’s plants have wholeheartedly signed on. These new solvents, including AGOC-3A, are less harmful to human and environmental health.