**Example 1: Facilities & Other Resources**

 (200 words)

The **Linus Pauling Science Center** building, opened November 2011, contains a 6,500 square foot rodent vivarium. The vivarium is part of the AAALAC International accredited and centralized OSU animal care and use program. Laboratory Animal Resources Center staff manage the facility. There are seven animal rooms with at least one ventilated cage change station per room and an associated procedure room equipped with a biosafety cabinet. There is an imaging suite with a common resource IVIS imager. There are two fume hoods in the vivarium. Animal rooms are equipped with individually ventilated animal cage racks. The facility has a pass-through rack washer and autoclave, walk-in diet cooler, diet preparation room and a necropsy room. The vivarium floors are epoxy and walls are epoxy painted gypsum board and concrete masonry unit. There is a dedicated HVAC system for the vivarium including filtered supply air and non-recirculating filtered exhaust. Vivarium HVAC, humidity and lighting are centrally controlled and monitored. If parameters are out of set ranges, an alarm sounds at campus Public Safety for immediate, 24/7, response. The vivarium has a dedicated emergency generator. Access to the vivarium is restricted by card-key and there are security surveillance cameras throughout.

**Example 2: Facilities & Other Resources**

(200 words)

The **Laboratory Animal Resources Center** is a stand-alone, 10,300 square foot, animal facility that contains ten multispecies animal rooms. The vivarium is part of the fully AAALAC International accredited and centralized OSU animal care and use program. Laboratory Animal Resources Center staff manage the facility. There is at least one ventilated cage change station per animal room and there are two biosafety cabinets in the vivarium. Rodent rooms are equipped with individually ventilated animal cage racks. The facility has a pass-through rack washer and autoclave, necropsy, rodent-diet cooler, two fully equipped surgery areas and clean cage storage, supply and equipment areas, and a laundry room. The vivarium floors are epoxy and walls and ceilings are epoxy painted concrete masonry unit and gypsum board. Dedicated HVAC, humidity, and lighting programs are monitored and controlled by a centralized building system. The HVAC system provides filtered supply air and non-recirculating filtered exhaust. If parameters are out of set ranges, an alarm sounds at Public Safety for immediate, 24/7, response. The building has a dedicated emergency generator for backup power. Access to the vivarium is restricted to authorized users by individual passcodes.

**Example 3: Facilities & Other Resources**

(250 words)

The **Agricultural and Life Sciences (ALS)** laboratory animal facility is located in the basement of ALS and is approximately 1,800 ft2. The vivarium is part of the fully AAALAC International accredited and centralized OSU animal care and use program. Laboratory Animal Resources Center staff manage the facility. The vivarium has six multipurpose animal rooms, a janitor’s closet, a procedure room that contains a 6’ Biosafety Cabinet, and clean and dirty cage storage rooms all situated around a central procedure area. The central procedure area contains an Animal Transfer Station (ATS). Facility access is from the building corridor and through an anteroom for changing into personal protective equipment. Illumination is provided by ceiling fixtures with moisture-resistant covers. Room photoperiods are set depending upon the species housed. The vivarium walls and ceilings are concrete masonry unit and gypsum board painted with industrial grade-epoxy resin. One fish room ceiling is sealed vinyl-coated suspended tile. Floors are epoxy resin coated cement with floor drains. Doors are hollow metal and are epoxy painted. Doors have a 9”X9” viewing window covered with light blackout film. Building Reverse Osmosis (RO) water is plumbed into fish housing rooms. HVAC, humidity, and lighting programs are controlled by a central building system. The HVAC system provides 100% non-recirculated filtered supply and exhaust air. The building has an emergency generator for backup power. Access to the vivarium is restricted to authorized users by individual passcodes. Public Safety monitors building systems 24/7 and reports system deviations or concerns to the campus Attending Veterinarian.