

12/4/09  
Sample Infrared Report  
123 Main Street  
Rockville, MD

**Scope of the inspection:**

Using an infrared camera and a non invasive moisture meter we evaluated the areas below to determine the extent of suspected problems. None of the areas showed any signs of problems in visible light.

- 1) Evaluate the extent of basement floor and wall leakage.
- 2) Determine if the underslab radiant heater in the family room is heating properly.

**Findings:**

The basement water leakage is an active leak that extends out from the lower left corner of the basement near the furnace room out into the room about 6 feet. The wet area also extend up the drywall about one foot. The dark areas in the left image indicate wet areas.

The radiant heat was observed in the family room using an infrared camera. That area showed that the underslab heating system is operating as designed.

**Recommendations:**

Lift the wet areas of the carpeting and padding. Run fans both above and below the carpet to dry it out. Since the leak is fresh if the carpet is dried quickly there should not be any mold concerns. As for the wall that is wet, we recommend cutting a small hole and running a fan and dehumidifier to remove the moisture from the wall area as quickly as possible.

The following pictures show the extent of the moisture on the basement floor and the operating underslab heating in the family room.

