

**FACT SHEET  
FOR THE  
OPERATION AND MAINTENANCE  
OF  
SUB-SLAB DEPRESSURATION (SSD) SYSTEMS**

**ROUTINE OPERATION AND MAINTENANCE**

Normal system operation does not require any involvement by the homeowner. The system fan(s) run continuously and other system components require no routine maintenance. The green light indicates that the system is operating correctly. If the system is not operating correctly, the red warning indicator light will illuminate and the audible alarm will sound.

On a routine basis, the homeowner should visually inspect the entire system (both interior and exterior components). If at any time the system alarm sounds or anything unusual with the system is noted, the homeowner should first unplug the alarm and turn the system off. The homeowner can then try to switch the system back on, and plug the alarm back in. If the alarm continues to sound, the homeowner should unplug the alarm, shut the system off, and contact the CTDEP at (860) 424-3705 to arrange for inspection and maintenance of the system.

In the event that water is temporarily present above the floor slab level, water may be drawn into the system suction piping, blocking air flow to the fan. If this condition arises, the fan manufacturer recommends that the fan be turned off until the water recedes or is removed. After the water has receded, the fan should be restarted and the system returned to normal operation.

If a problem with the fan is suspected, the homeowner should contact CTDEP as indicated above.

The Connecticut Department of Environmental Protection has assumed responsibility for normal maintenance of the SSD system (including fan replacement) for as long as there is an unacceptable risk caused by potential soil gas migration into the home from the Raymark NPL site. However, the CTDEP is not responsible for the cost of electricity used by the SSD system.

**HOME ADDITIONS / MODIFICATIONS**

The SSD system has been designed to address the current home configuration. If modifications are made to the home's slab, or to the basement walls, the homeowner should consult with an environmental professional to ensure continued proper system operation. It may also be necessary to upgrade the SSD system to address any future additions to the existing structure of the home. The homeowner should consult with an environmental professional regarding the work, and the potential need for an SSD system upgrade.