

7.2 RADON

Radon is a naturally-occurring, colorless and odorless radioactive gas that is generated primarily in granitic rocks. The United States Surgeon General has published information that radon is a cause of lung cancer. Radon usually enters a building through openings in the foundation, and therefore is a potential health concern to residents of the lowest level of a building with inadequate ventilation.

The EPA Map of Radon Zones indicates that El Paso County is located within a Zone I radon area. Zone I is defined as an area that has a high potential for radon gas, with a predicted average indoor radon screening level greater than 4.0 picoCuries per liter (pCi/L). The EPA recommended Action Level for radon is 4.0 pCi/L.

EBI conducted a limited short-term radon screening of the Subject Property by placing a total of eight radon test canisters on the lowest occupied levels of the buildings. This testing program was not intended to be a comprehensive radon survey. The radon test canisters were exposed for a minimum of 48 hours and a maximum of 96 hours and were sent to an accredited laboratory (AccuStar Labs in Medway, Massachusetts) for analysis by liquid scintillation (LS). The sampling locations and laboratory analytical results are presented in the following table:

RADON SCREENING RESULTS		
Canister No.	Location	Radon Concentration (pCi/L)
2624312	2011, Living Room	1.7
2624346	2012, Living Room	1.2
2624376	2113, Living Room	1.7
2624342	2111, Living Room	1.1
2624345	615, Living Room	2.9
2624356	212, Bedroom	0.5
2624343	117, Bedroom	1.4
2624373	1112, Living Room	1.4