

SEISMIC ELEMENT APPENDIX D

SEISMIC LAND USE COMPATIBILITY MATRIX INSTRUCTIONS

The Seismic Land Use Compatibility Matrix reflects the relative sensitivity of each land use to potential hazards, however it does not imply a specific level of risk. The matrix can be used to provide decision-makers with relative risk assessments so that uses and areas with the highest sensitivity are identified. There are few areas in the City that should be developed by seismic criteria exclusively. Rather it is suggested the matrix be used to judge the level of detail of information that should be provided prior to development approval.

SEISMIC LAND USE COMPATIBILITY

IRVINE STUDY AREA

	SEISMIC RESPONSE AREA				
	1	2	3	4	5
Low Density Residential	5	3	4	4	4
High Density Residential	8	6	7	7	8
Commercial Center	9	7	8	7	8
Industrial Buildings	7	4	6	5	7
Public Facilities	9	8	9	8	9
Airport/Air Station	7	5	6	6	7
Flood Control	1	1	1	1	1
Open Space	1	1	1	1	1

1 = Most Compatible

10 = Least Compatible

Source: Wilsey & Ham, base information provided by Woodward, McNeil & Associates