

## Goal 6

### AIR, WATER AND LAND RESOURCES QUALITY

The quality of the air, water and land is highly prized by the citizens of Cave Junction. The quality and amenity of the environment is the main reason why many people live here.

#### AIR QUALITY

There are no specific sources of air pollution in Cave Junction other than automobiles. There is not sufficient traffic on Highway 199 to generate an air pollution problem.

#### NOISE

There are no sources of noise pollution in the City or the planning area. Truck traffic on Highway 199 has been buffered from residential areas by commercial uses.

#### WATER QUALITY

The City's wastewater treatment plan is discussed in the Public Facilities section. Treated wastewater is used for land irrigation during the summer months to avoid exceeding DEQ standards during the period of low stream flow. The area contiguous to the treatment plant which is available for disposal of effluent, and there are other nearby areas which could likely be used.

Septic Systems. Development of housing on septic systems outside the City limits should be carefully controlled. According to the Soil Conservation Service, most of the area has severe limitations for septic systems. Suitability for septic systems is shown on the accompanying map. It is likely that parcel sizes in areas rated "severe" would be five acres and more in many cases, although carrying capacity should be determined through a site specific examination before any building is approved. The City is particularly concerned about the cumulative effects of development in an area and the possibility of forced annexations due to health hazards.

#### LAND QUALITY

Solid Waste. Josephine County has adopted a solid waste management plan. A commercial garbage collection service is available and a landfill site is located in Kerby.

### CONCLUSIONS

There seem to be no significant issues regarding air, water and land quality other than the adequate treatment of wastewater which will be generated through future growth.

### POLICIES

1. The City will utilize as applicable, standards for noise pollution, air and water pollution set forth by the State Department of Environmental Quality and Federal Agencies.
2. The City supports the solid waste management plan adopted by Josephine County.
3. The City will participate as applicable in regional planning programs for the Illinois River basin.

### RECOMMENDATIONS

1. The City should identify options for future wastewater irrigation sites.
2. All major land use decisions should be reviewed for possible effects on air, water and land quality.