

3.12 IRREVERSIBLE AND IRRETRIEVABLE COMMITMENT OF RESOURCES

Resources, both natural and man-made, would be expended in the construction, renovation, reuse and operation of developments projected to occur as a result of the proposed action. These resources include the building materials used during construction or renovation; energy in the form of gas and electricity consumed during construction and operation of buildings by various mechanical and processing systems; and the human effort required to develop, construct, renovate, and operate various elements of projected and potential developments. These are considered irretrievably committed because their reuse for some other purpose would be highly unlikely.

As discussed in detail in Chapter 2.0, “Project Description,” the proposed action is expected to induce a net increase of approximately 594 dwelling units, 42,004 square feet of ground-floor retail, and 306,001 square feet of commercial office space on the identified 11 projected development sites in the rezoning area by 2018. It is expected that approximately 446 dwelling units would be market-rate and 148 dwelling units would be reserved for affordable housing. As a result, the proposed rezoning and related land use actions would require the irreversible and irretrievable commitment of energy, construction materials, human effort, and funds. As indicated in Appendix A - Chapter 3.14, “Energy,” it is estimated that the 11 projected development sites would generate a net increase in energy consumption of approximately 112.79 billion BTUs in annual energy use compared to Future No-Action conditions.

The land use changes associated with the rezoning action may also be considered a resource loss. Projected and potential development under the proposed action constitutes a long-term commitment of sites as land resources, thereby rendering land use for other purposes infeasible. Further, funds committed to the design, construction/renovation, and operation of projected or potential developments under the proposed action are not available for other projects.

The public services provided in connection with the projected and potential developments under the proposed action (e.g., police and fire protection and public school seats) also constitute resource commitments that might otherwise be used for other programs or projects, although the proposed action would also generate tax revenues to provide additional public funds for such activities.