

3.13 UTILITIES

This section describes the existing utility systems that serve the site and evaluates potential impacts to these systems from the Proposed Action and alternatives. Stormwater facilities are discussed in **Section 3.2, Water Resources**.

3.13.1 Affected Environment

Water and Sewer Services

The site is located within the City of Tumwater. Water and sewer services are provided by the City of Tumwater Public Works Department. The City of Tumwater obtains its drinking water from deep water wells. Water is supplied to the site vicinity from a 4 million gallon reservoir located approximately 1.5 miles from the site, and a 200,000 gallon reservoir tank located approximately 1 mile from the site.

Existing water and sewer lines are located in Kingswood Drive, adjacent to the site. These include a 24-inch water line and an 8-inch sewer line. The 24-inch water main in Kingswood Drive connects to a main across I-5 from the site. City of Tumwater sewer lines eventually discharge effluent into the LOTT Treatment Plant in Olympia. The City of Tumwater currently has adequate capacity to serve existing water and sewer users.

See the **Section 3.12, Public Services**, for a discussion of fire flow.

3.13.2 Impacts

Proposed Action

Water and Sewer Services

Water and sewer mains to serve the site are located in Kingswood Drive; therefore, no offsite extensions of sewer or water mains would be required to serve the proposed retail store. The site would connect to existing utilities in Kingswood Drive with extension and looping of an 8-inch water line and an 8-inch sewer line on the site.

Water demand from the proposed development would include approximately 6,800 gallons per day. Sewer demand would include approximately 6,120 gallons per day. The City of Tumwater would have adequate water and sewer capacity to serve the proposed development (Chris Carlson and Matt Webb, City of Tumwater, June 3 and June 6, 2005).

See the **Section 3.12, Public Services**, for a discussion of fire flow.

Alternative 1

Connections to utilities and demand for water and sewer services would be similar to those described for the Proposed Action; however, water and sewer lines in Kingswood Drive would need to be relocated. As with the Proposed Action, existing water and sewer capacity in the City of Tumwater would be adequate to serve Alternative 1.

No Action Alternative

The No Action Alternative would not result in an increase in demand on water or sewer services. However, future development of the site could result in demand for services.

3.13.3 Mitigation Measures

No significant impacts to utilities would be expected, and no mitigation measures would be required.

3.13.4 Significant Unavoidable Adverse Impacts

No significant adverse impacts to utility services are expected.