

## Chapter 15 Public Services and Utilities

Only sections or other elements of Chapter 15 revised for the Final EIS are included here. These changed sections combined with the unchanged sections of Chapter 15 in the Draft EIS constitute Chapter 15 of the Final EIS. Please see the introduction to the “Changes Made in the Draft EIS in Response to Comments” section for a full explanation.

The following changed elements of Chapter 15 are presented on the indicated pages. All other elements of Chapter 15 remain unchanged from the Draft EIS. Please consult the Draft EIS for those elements.

<b>Changed Section</b>	<b>Page</b>
15.1.2.1 Existing Public Services in Project Area .....	205
15.2.1.1 Impacts to Public Services for Treatment Plant Alternatives .....	206
15.2.1.3 Mitigation Measures for Treatment Plant Alternatives .....	207
15.2.4 No Action Alternative.....	208
15.3 Cumulative Impacts .....	209
15.5 References.....	210

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### 15.1.2.1 Existing Public Services in Project Area

King County Fire District #10, prior to 1999, provided fire protection service to the City of Carnation. In 1999, Fire District #10 entered into a joint operating interlocal agreement with King County Fire District #38 and the Cities of Issaquah, North Bend, and Sammamish to form a new agency called Eastside Fire and Rescue. The Eastside service area includes 165 square miles and features 12 fire stations, including Eastside Fire Station 85. Eastside Fire Station 85 is located at 3600 Tolt Avenue NE and would be responsible for fire protection within the project area. Emergency vehicles at the station include two fire engines, one aid car, and one rescue unit (Eastside Fire and Rescue, 2003). The fire station operates 24 hours a day, seven days per week. The average response time within the Carnation city limits is approximately five to six minutes from the time a 911 emergency call is placed to the time responding units arrive at the emergency scene (Collins, personal communication, 2004).

The City of Carnation will begin contracting with the City of Duvall for police services on October 1, 2004. The contract calls for three full-time equivalent (FTE) officers and 0.5 FTE Chief of Police. The City currently contracts with the King County Sheriff's Office for two FTE police officers and 0.5 FTE Chief of Police. The contract with the City of Duvall will allow for more flexible coverage by officers within Carnation because of the proximity of Duvall for dispatch.

Riverview School District No. 407 serves the City of Carnation as well as the lower Snoqualmie Valley area. Cedarcrest High School in Duvall serves Carnation students in grades 9 through 12. Tolt Middle School and Carnation Elementary are located in the project vicinity. Tolt Middle School (grades 6 through 8) is located at 3740 Tolt Avenue, directly north of the Weckwerth site and within 1 mile of the City-owned site. Student enrollment for the 2002/2003 school year was 661 students. Carnation Elementary School is located within the project vicinity at 32240 NE 50th Street. Student enrollment for the 2002/2003 school year was 366 students (Greatschools.net, 2003). The segment of Tolt Avenue that includes the intersection with the Weckwerth site driveway is in a school zone associated with the Tolt Middle School. By law, school zones are established to restrict traffic speed within these zones. The speed limit in the school zone associated with Tolt Middle School is 20 miles per hour.

The City of Carnation has adopted the *King County Solid Waste Management Plan* and is subject to its policies relating to solid waste services. Carnation has signed a Solid Waste Interlocal Agreement with King County to utilize the County-operated Cedar Hills Landfill for solid waste disposal. Waste Management, Inc., is responsible for the collection and disposal of solid waste and also has a contract to provide recycling services to the City (Carnation, 1997).

### **15.2.1.1 Impacts to Public Services for Treatment Plant Alternatives**

#### **Public Services Construction Impacts for Treatment Plant Alternatives**

During construction, no significant impacts to law enforcement, fire, and emergency service response times are expected from roadway disruptions. Emergency service response times could be affected by increased traffic along nearby roadways during construction. Eastside Fire Station 85 is located immediately west of the Weckwerth site along Tolt Avenue. However, traffic control measures including implementation of a city-approved traffic control plan and notification to emergency service providers of street blockages could be used to minimize impacts to emergency service vehicles.

No significant impacts to public schools are expected during construction with the implementation of appropriate mitigation measures as identified in this EIS.

A minimal volume of debris is expected from site clearing activities. No impacts to regional solid waste handling services and facilities are anticipated.

#### **Public Services Operation Impacts for Treatment Plant Alternatives**

No significant impacts to public services are expected from the long-term operation of the treatment plant. Development of the treatment plant may result in the need for emergency response to the site and routine inspections by the fire department; however, it is not expected to result in a significant increase in demand for service. Removal of the house at the City-owned site would displace social services provided by the Snoqualmie Tribe.

### **15.2.1.3 Mitigation Measures for Treatment Plant Alternatives**

#### **Public Services Mitigation Measures for Treatment Plant Alternatives**

The following measures could be used to minimize impacts to public services during construction and operation of the treatment plant:

- Provide public notification of proposed construction activities, including timing of construction, to all local service providers and schools within the immediate vicinity of the treatment plant site.
- Plan construction traffic routing to maintain free-flowing traffic conditions and minimize potential increases to response times for emergency vehicles. Develop construction traffic plans in accordance with local permitting requirements to ensure emergency service providers identify emergency access routes that are to be maintained during construction activities. For the Weckwerth site, minimize construction traffic during peak morning and afternoon student transportation periods associated with Tolt Middle School.
- Prior to construction, prepare an Emergency Response Plan addressing construction and operation safety issues and response procedures to emergencies.
- Coordinate with local fire and emergency service providers to ensure they have the necessary training and equipment to assist in an emergency related to the treatment plant system.
- Ensure that contractors provide safety personnel at construction sites in accordance with the Occupational Safety and Health Administration (OSHA) and Washington Industrial Safety and Health Act (WISHA) requirements. In case of an emergency at a construction site, the contractor would be the first to respond, with local fire and emergency service agencies providing backup support if required.
- Prepare a Hazardous Materials Spill Prevention Plan in accordance with federal, state, and local regulations. The plan would outline specific procedures that construction and emergency service providers would follow in the event of an accidental spill of chemicals. These procedures would include appropriate coordination with local schools, businesses and residents.

#### **Utilities Mitigation Measures for Treatment Plant Alternatives**

During the design phase of the selected Carnation treatment facility, King County would coordinate with local utility service providers to assist in utility locations and to identify specific mitigation measures to minimize impacts to utility purveyors.

## 15.2.4 No Action Alternative

The No Action Alternative is not expected to have a significant impact on existing public services. The current service providers appear to have adequate capacity to meet near-term demands. Some current public service providers could find it difficult to add on to their facilities because of current Seattle-King County Department of Public Health regulations for expansion or new construction of on-site septic systems. In a recent letter, the City of Carnation stated, “Public services currently find it difficult, if not impossible to add on to their facilities. This would continue, as would the difficulties and impossibilities for new services to locate in Carnation and existing services remain” (Brandon 2004).

The City of Carnation would continue to rely on on-site wastewater disposal in the absence of a wastewater utility. The impacts of reliance on on-site wastewater disposal include potential threats to water quality and limits on development. Please see Chapters 6, 9, and 10 for further information on these impacts.

## **15.3 Cumulative Impacts**

No cumulative impacts are anticipated. The existing major services and utilities appear to have adequate capacity to meet current and future demands with the implementation of the proposed treatment facility.

## 15.5 References

- Brandon, B. 2004. City Manager, City of Carnation. Letter to Don Theiler, Division Director, King County Department of Natural Resources and Parks, Wastewater Treatment Division regarding Carnation Wastewater Treatment Facility Draft Environmental Impact Statement. August 9, 2004.
- Carnation, City of. 1997. *City of Carnation 1996 Comprehensive Plan*. Carnation, WA: City of Carnation.
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- Collins, Wes. Chief of Operations. Eastside Fire and Rescue Department. March 2004 - personal communication with Deron Lozano, Adolfsen Associates, Inc.
- Dorsey, Jim. Public Works Director, City of Carnation. April 1, 2004 - email to Deron Lozano (Adolfsen Associates).
- Eastside Fire and Rescue. 2003. *Carnation Fire Station 85 description*. Available: <http://www.eastsidefire-rescue.org/sta85.htm>. Accessed: November 25, 2003.
- Greatschools.net. 2003. *Tolt Middle School and Carnation Elementary School facts*. Available: [http://www.greatschools.net/modperl/browse\\_school/wa/956](http://www.greatschools.net/modperl/browse_school/wa/956). Accessed: November 24, 2003.
- Hisayasu, Ray. Puget Sound Energy. March 16, 2004 - email between Ray Hisayasu (PSE) and Jamie Burrell (City of Carnation).
- Roth Hill Engineering Partners, LLC and Financial Consulting Solutions Group, Inc. 2003. *Stormwater Comprehensive Plan, City of Carnation, Washington*. October 2003.