Table ES-1.
Technical Committee* Work Products

Name	Chair/Lead	Report Date	Brief Summary of the Report
Tributary Streamflow Technical Committee	Muckleshoot Indian Tribe and Ecology	October 2006	Featured a list of candidate streams prioritized for the purpose of using source exchange to restore future flows and improve salmon viability. Low-flow streams were evaluated in Water Resource Inventory Areas (WRIAs) 8 and 9, the Cedar-Sammamish-Lake Washington and Green-Duwamish watersheds, respectively.
Source Exchange Strategies Technical Committee	Cascade Water Alliance	December 2007	Reviewed the committee's process, work products, and overall findings, and identified important considerations for utilities that might be interested in exploring source exchange projects. Appendices included the work of two consulting firms contracted to explore specific topics related to source exchange in King County.
Reclaimed Water Technical Committee	King County Department of Natural Resources & Parks (DNRP)	November 2007	Summarized the committee's activities. Focused on a new economic framework commissioned by the national WateReuse Foundation that was designed specifically to identify and evaluate the full economic, environmental, and social benefits and costs of potential reclaimed water projects. Also included summaries of presentations made to the committee.
Small Water Systems Technical Committee	Public Health—Seattle & King County and King County DNRP	October 2007	Identified what was known and not known about small water systems in King County. Included a summary of presentations made to the committee, presented the results of data collection regarding new individual wells and Group B systems, and covered the committee's discussions and recommendations on three priority issues.
Climate Change Technical Committee	King County DNRP	December 2007	Summarized eight technical memoranda and a paper that were drafted by the University of Washington Climate Impacts Group and reviewed by technical committee members. Established a scientific basis for understanding the impacts of climate change on water resources in the region. Included recommendations for further work.
Forum's Regional Water Demand Forecast	Central Puget Sound Water Suppliers' Forum	Expected by mid-2009**	The Forum's 2008 Regional Water Supply Outlook is expected to include municipal water demand forecasts for the portion served by utilities in the three-county region of Pierce, King, and Snohomish counties, for each of the counties separately, and for a variety of sub-regions.
Forum's Regional Water Supply Assessment	Forum	Expected by mid-2009**	The Forum's 2008 Outlook is expected to include an inventory of existing municipal water supplies serving more than 500 connections and a description of potential future water supplies that could provide more than 3 million gallons per day, along with a decision-making framework to evaluate and compare supply portfolios to meet the water demand forecast for the region.

*For the purposes of this report, the Forum and its advisory committees are included when reference is made to the technical committees.

** Some of the advisory committees' meeting notes, presentation materials, and consultant work products have been posted on the Forum's website: http://cpswatersuppliersforum.org/Home/default.asp?ID=23

Table ES-2.
Tools and Methodologies Developed or Reviewed by Technical Committees

Technical Committee	Possible Tools and Methodologies
Tributary Streamflow	Methodology and ranking criteria to prioritize low-flow streams that would benefit from source exchange
Source Exchange	• Framework of questions to consider when evaluating feasibility of source exchange • One method for full cost/benefit accounting • *Model and methodology for considering whether to pause groundwater well withdrawals to benefit streamflow. The model assists in predicting the general timing and magnitude of streamflow improvement according to well depth and distance away from streams • *Web-accessible database of large wells and springs in WRIAs 8 and 9 that catalogs site-specific characteristics important for quantifying streamflow impacts from groundwater extraction to help evaluate opportunities to pause groundwater well withdrawals
Reclaimed Water	• WateReuse Foundation's economic framework for evaluating the environmental, social, and financial benefits and costs, both quantifiable and non-quantifiable, of reclaimed water projects • Model for estimating costs to produce Class A reclaimed water from various points in the King County wastewater treatment system
Small Water Systems	• Mapping of Group B systems in King County • Geographic analysis of exempt wells drilled in King County since 2000 • Possible elements of timely and reasonable service for a water utility to consider describing in its water system plan
Climate Change	• Methodology to downscale global climate (general circulation) models • Application of downscaled global climate models to forecast temperature and precipitation changes in WRIAs 7, 8, 9, and 10 over the next 70 years • Methodology to evaluate impacts of meteorological changes on streamflow in WRIAs 7, 8, 9, and 10 over the next 70 years • Framework for incorporating climate change into water resources planning • Online database of modeled meteorological and hydrologic trends for the next 70 years in WRIAs 7, 8, 9, and 10
Regional Water Demand Forecast	Model for forecasting future average annual municipal water demand on a regional and sub-regional scale in King, Pierce, and Snohomish counties
Regional Water Supply Assessment	Criteria and model to evaluate potential new water supply sources at the regional scale in King, Pierce, and Snohomish counties

*Tools developed as part of the work products of a joint subcommittee of the Tributary Streamflow and Source Exchange technical committees and published as an attachment to the Source Exchange Technical Committee's final report.