

SEATTLE PUBLIC UTILITIES
2013 WATER SYSTEM PLAN

D. MISCELLANEOUS

APPENDIX D-3
PLAN CONTENT AND CONSISTENCY REVIEW CHECKLISTS



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Seattle Public Utilities
2013 Water System Plan
Plan Content Checklist

Water System Planning Handbook Chapter	Water System Plan		
	Part	Section	Comments
Chapter 1 - Description of Water System			
Ownership and Management			
System Name	I	1.1	
Type of Ownership	I	1.1	
Management Structure	Appendix	B-2	
Water Facilities Inventory Report Form	Appendix	B-1	
System Background			
History of Water System Development and Growth	I	1.1	
Geography	I	1.1	
Neighboring/Adjacent Purveyors	I	1.4.2.5	
Ordinances/By Laws	I	1.3.1	
		2.1	
		3.1	
		4.1	
		5.1	
	II	2.1	
Inventory of Existing Facilities			
Description of Facilities and Major Components	I	2.3	
		3.3	
		4.3	
		5.3	
		Appendix	B-4
Number of Service Connections (Existing and Approved)	I	2.3	Approved number of connections is not applicable.
Existing Interties	I Appendix	2.3 B-4	SPU does not use interties as a normal source of supply.
Related Plans			
List of Related Plans	I	1.4.2	
Comments From Agencies and Adjacent Purveyors			Comments from agencies and public sent under separate cover
Responses to Comments			Sent separately
Existing Service Area and Characteristics			
Existing Service Area Map	I	1.1 2.3	See Figures 1-1 and 2-1.
Zoning and Land Use	Appendix	D-2	
Future Service Area			
Future Service Area Map	I	2.3	
Zoning and Land Use	Appendix	D-2	



Water System Planning Handbook Chapter	Water System Plan		
	Part	Section	Comments
Service Area Agreements	I	2.3.1.3	Wholesale water contracts provided to WDOH under separate cover, as they become available.
Service Area Policies	I	1.2	Service Area Policy from 2007 WSP carried forward.
Satellite Management	I	1.1.2	Not applicable.
Condition of Service Policies	I Appendix	1.2 C-4 C-5 C-6	Service Area Policy from 2007 WSP carried forward.
Complaints			
Policy	I	3.3.7.3	
Recordkeeping	I	5.3.3.5	
Chapter 2 - Basic Planning, Data and Water Demand Forecasting			
Current Population, Service Connections, Water Use, and Equivalent Residential Units			
Current Population	I	2.3	
Total Service Connections	I	2.3	
Water Use Data Collection	I Appendix	2.3.2 A-1	
Equivalent Residential Units			Not applicable
Projected Land Use, Future Population, and Water Demand			
Projected Land Use	I Appendix	2.4.1.2 A-1	
Projected Population	Appendix	A-1	
Projected Non-Residential Water Needs	I Appendix	2.4.1.2 A-1	
Projected Non-Revenue Water	Appendix	A-1	
Water Rates and Rate Impacts on Water Demand	II Appendix	2.3.1 A-1	
Water Demand Forecasting	I Appendix	2.4.1 A-1	
Chapter 3 – System Analysis			
System Design Standards	Appendix	C-2 C-7	
Water Quality Analysis			
Historical Review of Trends	I	3.3	
Future Requirements	I	3.4	
System Description and Analysis			
Source	I Appendix	2.3 – 2.4 A-3	
Water Treatment	I Appendix	3.3 – 3.4 B-4	
Storage	I Appendix	3.3.6 B-4 C-7	

Water System Planning Handbook Chapter	Water System Plan		
	Part	Section	Comments
Distribution System/Hydraulic Analysis	I Appendix	5.3 – 5.4 B-4	
Identification of System Improvements Assessment of Alternatives Prioritizing Improvements Selection of Alternatives	I II	2.4 – 2.5 3.3 – 3.5 4.4 – 4.5 5.4 – 5.5 1.2 – 1.3	
Chapter 4 - Conservation Program, Water Right Analysis, System Reliability and Interties			
Conservation Program Development and Implementation			
Required Measures For All Systems Other Measures and Level of Implementation Conservation Program Outline Regional Conservation Programs	I	2.4.1.1	
Source of Supply Analysis			No new water rights to be pursued in next 20 years
Enhanced Conservation Measures	I	2.4.1.1	
Water Right Changes	I Appendix	2.3.4.2 A-2	
Interties			SPU has no plans to use interties for normal supply purposes.
Artificial Recharge	I	2.3.4.1	
Use of Reclaimed Water, Reuse, and other Non-potable Sources	I Appendix	2.4.1.4 A-4	
Treatment	I Appendix	3.3.5 3.4 B-3 B-4	
Water Right Evaluation			
Permits, Certificates, Claims and Applications – Narrative Existing Water Right(s) Status Forecasted Water Right(s) Status Water Rights, Current Water Usage and Projected Needs Assessment of Need for Additional Water Rights	I Appendix	2.3.4.2 2.4.1 A-2	
Water Reservations			Not applicable
Water Supply Reliability Analysis			
Summary of System Reliability Efforts	I Appendix	2.3.4.3 2.4.1.2 2.4.1.3 C-7	
Water Shortage Response Planning			No change from 2007 WSP.
Monitoring Well Levels	Appendix	A-3	
Interties			
Existing Interties	I Appendix	2.3.1.3 B-4	
New Intertie Proposals			See 2007 WSP; no change in policy.



Water System Planning Handbook Chapter	Water System Plan		
	Part	Section	Comments
Intertie Agreements	I	2.3.1.3	Wholesale water contracts provided to WDOH under separate cover, as they become available.
Identification of System Improvements Assessment of Alternatives Prioritizing Improvements Selection of Alternatives	I Appendix	2.4 A-2	
Chapter 5 - Source Water Protection			
Wellhead Protection Program	I	3.3.3.2	See also Seattle Public Utilities, <i>Highline Wellfield Wellhead Protection Program</i> , 2000. Unchanged since approval with 2001 WSP, except for potential contaminant inventory updated every other year.
Watershed Control Program	I	3.3.3.1	See also Seattle Public Utilities, <i>Watershed Protection Plan</i> , October 2011, covering Cedar River Municipal Watershed, South Fork Tolt Municipal Watershed, Lake Youngs Reservation.
Identification of System Improvements Assessment of Alternatives Prioritizing Improvements Selection of Alternatives	I	3.4	Refer also to Wellhead Protection and Watershed Protection Plans, above.
Chapter 6 - Operation and Maintenance Program			
Water System Management and Personnel	Appendix	B-2	
Operator Certification	Appendix	B-2	
System Operations and Control			See Seattle Public Utilities, <i>System Operations and Control</i> , February 2012.
Identification of Major System Components	I Appendix	2.3 3.3 4.3 5.3 B-4	
Routine System Operation	I	2.3.5 3.3.7 4.3.2 5.3.2	See Seattle Public Utilities, <i>System Operations and Control</i> , February 2012.

Water System Planning Handbook Chapter	Water System Plan		
	Part	Section	Comments
Preventative Maintenance Program	I	2.3 3.3.8 4.3.3 5.3.3	
Equipment, Supplies and Chemical Listing	Appendix	B-3 B-4	
Comprehensive Monitoring (Regulatory Compliance) Plan	I Appendix	3.3.7.1 C-1	
Emergency Response Program Water System Personnel Emergency Call-Up List Notification Procedures Vulnerability Analysis Contingency Operational Plan	Appendix	C-7	See also Seattle Public Utilities, <i>System Operations and Control</i> , February 2012, and 2007 WSP.
Safety Procedures			See 2007 WSP; no significant changes.
Cross-Connection Control Program	I	3.3.7.2	
Customer Complaint Response Program	I	3.3.7.3	
Recordkeeping and Reporting	I	5.3.3.5	
O & M Improvements Identification of System Improvements Assessment of Alternatives Prioritizing Improvements Selection of Alternatives	I	2.3 - 2.5 3.3 - 3.5 4.4 - 4.5 5.3 - 5.5	
Chapter 7 - Distribution Facilities Design and Construction Standards			
Project Review Procedures	Appendix	C-3	
Policies and Requirements for Outside Parties	I Appendix	5.4.2 - 5.4.3 C-2	
Design Standards (Performance Standards and Sizing Criteria)	Appendix	C-2	
Construction Standards (Materials and Methods)	Appendix	C-2	See also the <i>2011 City of Seattle Standard Specifications</i> and <i>2011 Seattle Standard Plans</i> .
Construction Certification and Follow-up Procedures	Appendix	C-3	
Identification of System Improvements Assessment of Alternatives Prioritizing Improvements Selection of Alternatives	I	5.4 - 5.5	
Chapter 8 - Improvement Program			
Improvement Schedule	II Appendix	1.2 1.3 D-1	
Chapter 9 - Financial Program			
Water Systems with 1,000 or More Connections (Not Regulated by UTC)			
Past and Present Financial Status	II	2.2	
Available Revenue Sources	II	2.2 2.3	
Allocation of Revenue Sources	II	2.4	



Water System Planning Handbook Chapter	Water System Plan		
	Part	Section	Comments
Program Justification	II	2.4 2.5	
Assessment of Rates	II	2.3	
Chapter 10 - Miscellaneous Documents			
Supportive Documents			
State Environmental Policy Act			Separately bound
Other Documents	Appendix	D-3	Local government consistency certifications
Agreements			Sent separately
Comments on WSP from County			To be sent separately as appropriate
Comments on WSP from Adjacent Utilities			To be sent separately as appropriate



Local Government Consistency Review Checklist

Water System Name: Seattle Public Utilities PWS ID: 77050 Y

Planning/Engineering Document Title: 2013 Water System Plan Plan Date: April 2012

Local Government with Jurisdiction: City of Seattle

WAC 246-290-108 Consistency with local plans and regulations:

Consistency with local plans and regulations applies to planning and engineering documents under WAC 246-290-106, 246-290-107, and 246-290-110(4)(b) (ii).

1) Municipal water suppliers must include a consistency review and supporting documentation in its planning or engineering document describing how it has addressed consistency with **local plans and regulations**. This review must include specific elements of local plans and regulations, as they reasonably relate to water service as determined by Department of Health (DOH). Complete the table below and see instructions on back.

Local Government Consistency Statement	Page(s) in Planning Document	Yes – No – Not Applicable
a) The water system service area is consistent with the adopted <u>land use and zoning</u> within the applicable service area.	Part I, Section 1.4.2 Appendix D-2	yes
b) The <u>six-year growth projection</u> used to forecast water demand is consistent with the adopted city/county's population growth projections. If a different growth projection is used, provide an explanation of the alternative growth projection and methodology.	Part I, Sect. 2.4.1.2 Appendix A-1	yes
c) Applies to <u>cities and towns that provide water service</u> : All water service area policies of the city or town are consistent with the <u>utility service extension ordinances</u> of the city or town.	Appendix C-5 and C-6	yes
d) <u>Service area policies</u> for new service connections are consistent with the adopted local plans and adopted development regulations of all jurisdictions with authority over the service area [City(ies), County(ies)].	Appendix C-5 and C-6	yes
e) <u>Other relevant elements</u> related to water supply are addressed in the water system plan, if applicable; Coordinated Water System plans, Regional Wastewater plans, Reclaimed Water plans, Groundwater Area Management plans, and Capital Facilities Element of Comprehensive plans.	Part I, Section 1.4.2 Part II, Chapter 1 Appendix A-4 Appendix D-1	yes

I certify that the above statements are true to the best of my knowledge and that these specific elements are consistent with adopted local plans and development regulations.

Signature

Tom HANGER, Comprehensive Plan Manager, City of Seattle

Printed Name, Title, & Jurisdiction

Date

4/6/12



Consistency Review Guidance

For Use by Local Governments and Municipal Water Suppliers

This checklist may be used to meet the requirements of WAC 246-290-108. When using an alternative format, it must describe all of the elements; 1a), b), c), d), and e), when they apply.

For **water system plans (WSP)**, a consistency review is required for the retail service area and any additional areas where a municipal water supplier wants to expand its water right's place of use.

For **small water system management programs**, a consistency review is only required for areas where a municipal water supplier wants to expand its water right's place of use. If no water right place of use expansion is requested, a consistency review is not required.

For **engineering documents**, a consistency review is required for areas where a municipal water supplier wants to expand its water right's place of use (water system plan amendment is required). For non-community water systems, a consistency review is required when requesting a place of use expansion. All engineering documents must be submitted with a service area map per WAC 246-290-110(4)(b)(ii).

A) Documenting Consistency: Municipal water suppliers must document all of the elements in a consistency review per WAC 246-290-108.

- 1 a) Provide a copy of the adopted **land use/zoning** map corresponding to the service area. The uses provided in the WSP should be consistent with the adopted land use/zoning map. Include any other portions of comprehensive plans or development regulations that are related to water supply planning.
- 1 b) Include a copy of the **six-year growth projections** that corresponds to the service area. If the local population growth rate projections are not used, provide a detailed explanation on why the chosen projections more accurately describe the expected growth rate. Explain how it is consistent with the adopted land use.
- 1 c) Include water service area policies and show that they are consistent with the **utility service extension ordinances** within the city or town boundaries. This applies to cities and towns only.
- 1 d) Include all **service area policies** for how new water service will be provided to new customers.
- 1 e) **Other relevant elements** related to water supply planning as determined by the department (DOH). See Local Government Consistency – Other Relevant Elements, Policy B.07, September 2009.

B) Documenting an Inconsistency: Please document the inconsistency, include the citation from the comprehensive plan or development regulation, and provide direction on how this inconsistency can be resolved.

C) Documenting Lack of Consistency Review by Local Government: Where the local government with jurisdiction did not provide a consistency review, document efforts made and the amount of time provided to the local government for their review. Please include: name of contact, date, and efforts made (letters, phone calls, and e-mails). In order to self-certify, please contact the DOH Planner.

The Department of Health is an equal opportunity agency. For persons with disabilities, this document is available on request in other formats. To submit a request, please call 1-800-525-0127 (TTY 1-800-833-6388).



Planning and Community Development

17500 Midvale Avenue North
Shoreline, WA 98133-4905
(206) 801-2500 ♦ Fax (206) 801-2788

June 1, 2012

Joan M. Kersnar
Drinking Water Planning
Seattle Public Utility
P.O. Box 34018
Seattle, WA 98124-4018

RE: Consistency Review of Seattle Public Utility's 2013 Water System Plan

Dear Ms. Kersnar:

This letter is in response to your requested review of SPU's water system plan (Plan). As you are aware WAC 246-290-108 directs municipal water suppliers to submit their plans to local government for a determination of the plan's consistency with all adopted local plans and development regulations applicable to the supplier's service area. For cities like Shoreline with special districts, municipal water system plans are incorporated by reference into the Comprehensive Plan and accordingly must demonstrate internal consistency.

For the purpose of our review we evaluated the water system against the City's 2005 Comprehensive Plan, Title 20 of the Shoreline Municipal Code, and Vision 2029. Vision 2029 is a set of framework goals developed by our shared citizens in collaboration with the Shoreline City Council. The framework goals provide the overall policy foundation for the Comprehensive Plan and support the City Council's vision. When implemented the goals are intended to protect the City's future. It is a vision where newer development has accommodated for changing times and both blends well with established neighborhood character and sets new standards for sustainable building, energy efficiency and environmental sensitivity. The vision of the citizens of Shoreline sees growth and development as necessary to fulfill the vision and implement the principles of the Growth Management Act (GMA).

The format of our review follows the criteria outlined in the checklist published by the Washington State Department of Health (DOH) to aid local government and suppliers in determining consistency. Our observations are listed below and a completed DOH checklist is enclosed for reference.

- a. *The water system service area is consistent with the adopted land use and zoning within the applicable service area.*

The general land use designations from the Comprehensive Plan are not included or referenced in the Plan. The planning model appears to use the current zoning designations. By not using general land use designations from the City's Comprehensive Plan planning for future densities



may be limited and inaccurate relative to development potential but, this would not cause the Plan to be inconsistent.

- b. *The six-year growth projection used to forecast water demand is consistent with the adopted city/county's population growth projections. If a different growth projection is used, provide an explanation of the alternative growth projection and methodology.*

The Plan appropriately describes the methodology used for calculating the growth projections. In gross measures the forecast appears to be reasonable.

- c. *Applies to cities and towns that provide water service: All water service area policies of the city or town are consistent with the utility service extension ordinances of the city or town.*
Not applicable.

- d. *Service area policies for new service connections are consistent with the adopted local plans and adopted development regulations of all jurisdictions with authority over the service area [City(ies), County(ies)].*

City of Shoreline's development regulations require that an adequate supply of potable water and water for fire protection exist at the time development is ready to be occupied. The Plan is consistent with the City's plans and development regulations.

- e. *Other relevant elements related to water supply are addressed in the water system plan, if applicable; Coordinated Water System plans, Regional Wastewater plans, Reclaimed Water plans, Groundwater Area Management plans, and Capital Facilities Element of Comprehensive plans.*

Not applicable.

Based on our review and we have found that the update is generally consistent with the Capital Facilities and Land Use Elements of the Comprehensive Plan.

Sincerely,



Rachael Markle, AICP
Director of Planning and Community Development

Cc: Julie T. Underwood, City Manager
Jeff Forry, Permit Services Manager
Mark Relph, Public Works Director

Enclosure: Department of Health Checklist



Local Government Consistency Review Checklist

Water System Name: Seattle Public Utilities PWS ID: 77050 Y

Planning/Engineering Document Title: 2013 Water System Plan Plan Date: April 2012

Local Government with Jurisdiction: City of Shoreline

WAC 246-290-108 Consistency with local plans and regulations:

Consistency with local plans and regulations applies to planning and engineering documents under WAC 246-290-106, 246-290-107, and 246-290-110(4)(b) (ii).

1) Municipal water suppliers must include a consistency review and supporting documentation in its planning or engineering document describing how it has addressed consistency with local plans and regulations. This review must include specific elements of local plans and regulations, as they reasonably relate to water service as determined by Department of Health (DOH). Complete the table below and see instructions on back.

Local Government Consistency Statement	Page(s) in Planning Document	Yes - No - Not Applicable
a) The water system service area is consistent with the adopted <u>land use and zoning</u> within the applicable service area.	Part I, Section 1.4.2 Appendix D-2	YES
b) The <u>six-year growth projection</u> used to forecast water demand is consistent with the adopted city/county's population growth projections. If a different growth projection is used, provide an explanation of the alternative growth projection and methodology.	Part I, Sect. 2.4.1.2 Appendix A-1	YES
c) Applies to <u>cities and towns that provide water service</u> : All water service area policies of the city or town are consistent with the <u>utility service extension ordinances</u> of the city or town.	Appendix C-5 and C-6	NA
d) <u>Service area policies</u> for new service connections are consistent with the adopted local plans and adopted development regulations of all jurisdictions with authority over the service area [City(ies), County(ies)].	Appendix C-5 and C-6	YES
e) <u>Other relevant elements</u> related to water supply are addressed in the water system plan, if applicable; Coordinated Water System plans, Regional Wastewater plans, Reclaimed Water plans, Groundwater Area Management plans, and Capital Facilities Element of Comprehensive plans.	Part I, Section 1.4.2 Part II, Chapter 1 Appendix A-4 Appendix D-1	NA

I certify that the above statements are true to the best of my knowledge and that these specific elements are consistent with adopted local plans and development regulations.

Signature *Jeffrey E. Forry*

Date 5/30/12

Printed Name, Title, & Jurisdiction JEFFREY E. FORRY PERMITSERVICES MANAGER CITY OF SHORELINE



Consistency Review Guidance

For Use by Local Governments and Municipal Water Suppliers

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For **engineering documents**, a consistency review is required for areas where a municipal water supplier wants to expand its water right's place of use (water system plan amendment is required). For non-community water systems, a consistency review is required when requesting a place of use expansion. All engineering documents must be submitted with a service area map per WAC 246-290-110(4)(b)(ii).

A) Documenting Consistency: Municipal water suppliers must document all of the elements in a consistency review per WAC 246-290-108.

- 1 a) Provide a copy of the adopted **land use/zoning** map corresponding to the service area. The uses provided in the WSP should be consistent with the adopted land use/zoning map. Include any other portions of comprehensive plans or development regulations that are related to water supply planning.
- 1 b) Include a copy of the **six-year growth projections** that corresponds to the service area. If the local population growth rate projections are not used, provide a detailed explanation on why the chosen projections more accurately describe the expected growth rate. Explain how it is consistent with the adopted land use.
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- 1 d) Include all **service area policies** for how new water service will be provided to new customers.
- 1 e) **Other relevant elements** related to water supply planning as determined by the department (DOH). See Local Government Consistency – Other Relevant Elements, Policy B.07, September 2009.

B) Documenting an Inconsistency: Please document the inconsistency, include the citation from the comprehensive plan or development regulation, and provide direction on how this inconsistency can be resolved.

C) Documenting Lack of Consistency Review by Local Government: Where the local government with jurisdiction did not provide a consistency review, document efforts made and the amount of time provided to the local government for their review. Please include: name of contact, date, and efforts made (letters, phone calls, and e-mails). In order to self-certify, please contact the DOH Planner.

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Local Government Consistency Review Checklist

Water System Name: Seattle Public Utilities PWS ID: 77050 Y

Planning/Engineering Document Title: 2013 Water System Plan Plan Date: April 2012

Local Government with Jurisdiction: City of Lake Forest Park

WAC 246-290-108 Consistency with local plans and regulations:

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c) Applies to <u>cities and towns that provide water service</u> : All water service area policies of the city or town are consistent with the <u>utility service extension ordinances</u> of the city or town.	Appendix C-5 and C-6	N.A.
d) Service area policies for new service connections are consistent with the adopted local plans and adopted development regulations of all jurisdictions with authority over the service area [City(ies), County(ies)].	Appendix C-5 and C-6	YES
e) <u>Other relevant elements</u> related to water supply are addressed in the water system plan, if applicable; Coordinated Water System plans, Regional Wastewater plans, Reclaimed Water plans, Groundwater Area Management plans, and Capital Facilities Element of Comprehensive plans.	Part I, Section 1.4.2 Part II, Chapter 1 Appendix A-4 Appendix D-1	YES

I certify that the above statements are true to the best of my knowledge and that these specific elements are consistent with adopted local plans and development regulations.

Signature: [Handwritten Signature] Date: 6/11/12
 Printed Name, Title, & Jurisdiction: STEPHEN BENNETT, PLANNING DIRECTOR, LFP



Consistency Review Guidance

For Use by Local Governments and Municipal Water Suppliers

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Local Government Consistency Review Checklist

Water System Name: Seattle Public Utilities PWS ID: 77050 Y

Planning/Engineering Document Title: 2013 Water System Plan Plan Date: April 2012

Local Government with Jurisdiction: City of Burien

WAC 246-290-108 Consistency with local plans and regulations:

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Table with 3 columns: Local Government Consistency Statement, Page(s) in Planning Document, and Yes - No - Not Applicable. Contains 5 rows of consistency statements and their corresponding document references and responses.

I certify that the above statements are true to the best of my knowledge and that these specific elements are consistent with adopted local plans and development regulations.

Signature: [Handwritten Signature]

Date: 5/22/12

Printed Name, Title, & Jurisdiction: SCOTT GREENBERG, COMMUNITY DEVELOPMENT DIRECTOR, CITY OF BURIEN



Consistency Review Guidance

For Use by Local Governments and Municipal Water Suppliers

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A) Documenting Consistency: Municipal water suppliers must document all of the elements in a consistency review per WAC 246-290-108.

- 1 a) Provide a copy of the adopted **land use/zoning** map corresponding to the service area. The uses provided in the WSP should be consistent with the adopted land use/zoning map. Include any other portions of comprehensive plans or development regulations that are related to water supply planning.
- 1 b) Include a copy of the **six-year growth projections** that corresponds to the service area. If the local population growth rate projections are not used, provide a detailed explanation on why the chosen projections more accurately describe the expected growth rate. Explain how it is consistent with the adopted land use.
- 1 c) Include water service area policies and show that they are consistent with the **utility service extension ordinances** within the city or town boundaries. This applies to cities and towns only.
- 1 d) Include all **service area policies** for how new water service will be provided to new customers.
- 1 e) **Other relevant elements** related to water supply planning as determined by the department (DOH). See Local Government Consistency – Other Relevant Elements, Policy B.07, September 2009.

B) Documenting an Inconsistency: Please document the inconsistency, include the citation from the comprehensive plan or development regulation, and provide direction on how this inconsistency can be resolved.

C) Documenting Lack of Consistency Review by Local Government: Where the local government with jurisdiction did not provide a consistency review, document efforts made and the amount of time provided to the local government for their review. Please include: name of contact, date, and efforts made (letters, phone calls, and e-mails). In order to self-certify, please contact the DOH Planner.

The Department of Health is an equal opportunity agency. For persons with disabilities, this document is available on request in other formats. To submit a request, please call 1-800-525-0127 (TTY 1-800-833-6388).

FISCAL NOTE FOR NON-CAPITAL PROJECTS

Department:	Contact Person/Phone:	CBO Analyst/Phone:
Seattle Public Utilities	Joan Kersnar/ 4-0839	Karl Stickel/ 4-8085

Legislation Title: AN ORDINANCE relating to Seattle Public Utilities; adopting the 2013 Water System Plan.

Summary of the Legislation:

This legislation adopts the *2013 Water System Plan* (WSP).

Background:

The WSP provides guidance for planning and managing the City's drinking water system and associated capital facilities for the next 20 years, in coordination with growth management planning by the City and that of other planning agencies in the Puget Sound Basin. The WSP was drafted to meet state requirements for water system plans and land-use planning consistency, as well as King County requirements for franchises and permits.

As a condition of its utility operating permit from the Washington State Department of Health (WDOH), every six years SPU is required to submit for approval a Water System Plan for planning, managing and operating the drinking water system that serves Seattle and its wholesale customers. Additionally, King County reviews the WSP for compliance with requirements for franchises and permits and land-use consistency. The plan was developed to address items identified in a June 2010 pre-plan scoping meeting with WDOH and King County. Part of the process to develop the plan included retail customer input through the Water System Advisory Committee and wholesale customer input through the Seattle Water System Operating Board. The public was also invited to comment on a draft of the plan that was released on April 2, 2012. Changes have been made to the draft plan to address those comments received through May 31, 2012.

The WSP provides guidance to SPU on future direction for all elements of its water system. The plan includes new water use efficiency goals for the regional water conservation program; a request to change SPU's Service Area and the place of use of SPU's water rights to include areas in south Snohomish County; a new system storage level of reliability standard; and strategies and plans for operating, maintaining, and improving the system for the next six years and beyond. The policies of the *2007 Water System Plan* are being carried forward in this WSP. Adoption of this WSP will replace the action plans of the previous water system plan adopted by the City (Ordinance 122309).

The WSP contains a Capital Facilities Plan covering the period from 2013 through 2040, which includes the budget endorsed through 2017 in the 2012-2017 Adopted Capital Improvement Program (CIP). While the WSP contains references to proposed projects and programs, it does



not commit SPU to specific expenditures, as these funding levels are adopted through the regular City budget and CIP approval processes. This includes funding commitments for the 2013-2018 Water Use Efficiency Goal contained in the 2013 WSP.

Please check one of the following:

This legislation does not have any financial implications.

This legislation has financial implications.

Other Implications:

- a) **Does the legislation have indirect financial implications, or long-term implications?**
Yes, adoption of the 2013 WSP has indirect financial implications. To meet the 2013-2018 Water Use Efficiency Goals of the 2013 WSP, both capital and O&M expenditures will need to be made for the regional water conservation program. As mentioned above, however, the WSP does not commit SPU to specific expenditures, as these funding levels are adopted through the regular City budget and CIP approval processes.
- b) **What is the financial cost of not implementing the legislation?**
A cost estimate for not implementing the legislation is difficult. By not adopting the legislation, SPU would not be able to submit an updated plan to WDOH and King County for their approval. Implications of not having an approved water system plan include:
- SPU would no longer have a “green” operating permit for its water system.
 - SPU would not meet the requirements for obtaining a low-interest loan under the Drinking Water State Revolving Fund, such as that received for the Maple Leaf Reservoir Burying Program.
 - SPU would need to obtain written WDOH approval for each individual distribution project now covered by the pre-approval process.
 - SPU would not be able to get new or renewed franchises or right-of-way permits in unincorporated King County.
 - SPU and its wholesale customers would not meet State regulations requiring establishment and reporting of Water Use Efficiency Goals (WAC 246-290, Part 8).
 - SPU’s Water Fund bond ratings may be downgraded.
- c) **Does this legislation affect any departments besides the originating department?**
No other City departments are directly affected by this legislation.
- d) **What are the possible alternatives to the legislation that could achieve the same or similar objectives?**
No alternatives to legislation exist.
- e) **Is a public hearing required for this legislation?**
A public meeting was held on April 17, 2012, regarding the plan. The City’s wholesale water customers have also provided input in the development of the plan. However, a public hearing to adopt the WSP will meet Washington State requirements for public meetings to set the 2013-2018 Water Use Efficiency Goal and new system storage level



of reliability standard.

f) Is publication of notice with *The Daily Journal of Commerce* and/or *The Seattle Times* required for this legislation?

Not required.

g) Does this legislation affect a piece of property?

No properties are directly affected.

h) Other Issues:

None.





City of Seattle
Office of the Mayor

July 24, 2012

Honorable Sally J. Clark
President
Seattle City Council
City Hall, 2nd Floor

Dear Council President Clark:

I am pleased to transmit the attached proposed Council Bill adopting Seattle Public Utilities' (SPU) 2013 Water System Plan. As a condition of its utility operating permit, SPU must submit an updated plan every six years to the Washington State Department of Health.

The 2013 Water System Plan is an update of the 2007 Water System Plan. Policies established under the previous plan are being carried forward into this update. The 2013 Water System Plan includes new water use efficiency goals for the regional water conservation program; a request to change SPU's Service Area and the place of use of SPU's water rights to include areas in south Snohomish County; a new system storage level of reliability standard; and strategies and plans for operating, maintaining, and improving the system for the next six years and beyond. Importantly, the Plan indicates that no new water source will be needed before 2060, even with the uncertainties presented by future growth and climate change.

SPU has been making, and continues to make, significant investments to protect public health, comply with federal and state regulations, and replace aging infrastructure. While SPU has invested in major regional facilities in the past decades, the need is now shifting to significant capital investments to rehabilitate and improve the distribution system. Implementation of this water system plan will help to ensure that SPU meets its mission to provide reliable, efficient and environmentally conscious water utility services to enhance the quality of life and livability in all communities we serve.

Thank you for your consideration of this legislation. Should you have questions, please contact Joan Kersnar at 4-0839.

Sincerely,

Michael McGinn
Mayor of Seattle

cc: Honorable Members of the Seattle City Council

Michael McGinn, Mayor
Office of the Mayor
600 Fourth Avenue, 7th Floor
PO Box 94749
Seattle, WA 98124-4749

Tel (206) 684-4000
Fax (206) 684-5360
TDD (206) 615-0476
mike.mcgin@seattle.gov



