

APPENDIX ES-1

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The Statement and related chapters (Chapters 1, 2, and 3) were sent to Arlington, Marysville, Snohomish County, and the Tulalip Tribes in January 2009. Signed checklists have been received from Arlington, Marysville and Snohomish County.

SEPA Documentation	15
Comments Received on Plan	37

Copies of the full plan were submitted to key partners simultaneously with the February 2009 submittal to DOH. The key partners include wholesale customers, Everett, neighboring utilities, and Snohomish County. Comments were received from DOH and Snohomish County. Their comments and the responses are documented in a comment and response log and in an Errata Sheet.

Marysville Ordinance No. 2781	45
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Water System Plan Submittal Form

This form is required to be submitted along with the Water System Plan (WSP). It will serve to expedite review and approval of your WSP. WSPs will not be reviewed until submittal form and checklist are completed.

Marysville Utilities	51900 C	City of Marysville	
1. Water System Name	2. PWS ID# or Owner ID#	3. System Owner Name	
Terry Hawley	360-363-8100	Operations Manager	
4. Contact Name for Utility	Phone Number	Title	
80 Columbia Ave	Marysville	WA	98270
Contact Address	City	State	Zip
David Zull	360-363-8100	Project Manager	
5. Project Engineer	Phone Number	Title	
80 Columbia Ave	Marysville	WA	98270
Project Engineer Address	City	State	Zip
6. Billing Contact Name (required if not the same as #4)	Billing Phone Number	Billing Fax Number	
Billing Address	City	State	Zip

- 6. How many services are presently connected to the system? 19,234
- 7. Is the system expanding? (seeking to extend service area or increase number of approved connections) Yes No
- 8. If number of services is expected to increase, how many new connections are proposed in the next six years? See Section 3.3 for demand forecast.
- 9. If the system is private-for-profit, is it regulated by the State Utilities and Transportation Commission? Yes No
- 10. Is the system located in a Critical Water Supply Service Area? Yes No
- 11. Is the system a customer of a wholesale water purveyor? (*Purchases some of its supply from the City of Everett.*) Yes No
- 12. Will the system be pursuing additional water rights from the State Department of Ecology in the next ten years? Yes No
- 13. Is the system proposing a new intertie? Yes No
- 14. Do you have projects currently under review by the Department of Health? Yes No
- 15. Are you requesting distribution main project report and construction document submittal exception, and if so, does the WSP contain standard construction specifications for distribution mains? Yes No
- 16. Are you requesting distribution related project report and construction document submittal exception, and if so, does the WSP contain distribution facilities design and construction standards, including internal engineering review procedures? Yes No
- 17. Have you sent copies of the draft WSP to adjacent purveyors and the County for their review and comment? Yes No

If answer to question 17 is yes, list adjacent utilities/entities that have received a copy of the draft WSP: **A copy of the planning data was sent to the City of Everett, Snohomish County PUD, the Tulalip Tribes, the City of Arlington, Seven Lakes Water Association, and Snohomish County in April 2008 for early input related to the service area and the demand forecast. The entire plan has been sent to these same organizations concurrently with this copy being submitted to DOH.**

Is this plan: an Initial Submittal a Revised Submittal

Please enclose the following number of copies of the WSP:

2 copies for Department of Health
 1 copy for Department of Ecology
 1 additional copy if you answered "yes" to question 9

___3___ Copies Required
 ___3___ Total copies attached

Please return completed form to the Office of Drinking Water regional office checked below.

Northwest Drinking Water Operations
 Department of Health
 20435 72nd Ave. S, Ste 200
 Kent, WA 98032-2358
 (253) 395-6750

Southwest Drinking Water Operations
 Department of Health
 PO Box 47823
 Olympia, WA 98504-7823
 (360) 236-3030

Eastern Drinking Water Operations
 Department of Health
 1500 W. Fourth Ave, Suite 305
 Spokane, WA 99201
 (509) 456-3115

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).

WSP Checklist

CONTENT DESCRIPTION		MUST BE SUBMITTED (✓)*	Section (unless otherwise noted) IN WSP
Chapter 1	DESCRIPTION OF WATER SYSTEM		
	Ownership and Management	(✓)	1.1
	System Background	(✓)	1.4.1
	Inventory of Existing Facilities	(✓)	1.4
	Related Plans (e.g., CWSP)	(✓)	2.0
	Existing and Future Service Area and Characteristics	(✓)	1.2
	Agreement	()	2.4.3
	Map	(✓)	Figure 1-2
	Service Area Policies (Including SMA Policy and Conditions of Service)	(✓)	2.3
Chapter 2	BASIC PLANNING DATA		
	Current Population, Number of Service Connections, and ERUs	(✓)	3.1, 3.2.2, 3.2.4
	Current Water Use and Data Reporting	(✓)	3.2
	Current and Future Land Use	(✓)	Figure 2-1
	Future Population, Number of Service Connections, and ERUs (6 and 20 years)	(✓)	3.1, 3.3.2
	Future Water Use (Demand Forecast for 6 and 20 years)	(✓)	3.3.2
Chapter 3	SYSTEM ANALYSIS		
	System Design Standards	(✓)	5.1.1, 5.2.1, 5.3.5
	Water Quality Analysis	(✓)	7.0
	System Description and Analysis	(✓)	See below
	Source	(✓)	5.1
	Treatment	()	n/a
	Storage	(✓)	5.2
	Distribution System/Hydraulics	(✓)	5.3
	Summary of System Deficiencies	(✓)	5.1.2, 5.2.2, 5.3.6, 5.3.7
	Analysis of Possible Improvement Projects	(✓)	5.1.2, 5.2.2, 5.3.6, 5.3.7
Chapter 4	CONSERVATION PROGRAM AND SOURCE OF SUPPLY ANALYSIS		
	Conservation Program	(✓)	4.0
	Water Right Evaluation	(✓)	6.3
	Source of Supply Analysis	()	6.2
	Water Supply Reliability Analysis with Water Shortage Response Plan	(✓)	6.1, 6.4, 6.5
	Interties	()	6.2, 2.4
Chapter 5	SOURCE WATER PROTECTION (CHECK ONE OR BOTH)		
	Wellhead Protection Program	()	6.6.2
	Watershed Control Program	()	6.6.1
Chapter 6	OPERATION AND MAINTENANCE PROGRAM		
	Water System Management and Personnel	(✓)	8.2
	Operator Certification	(✓)	8.3
	Routine Operating Procedures, Preventive Maintenance and Record Keeping	(✓)	8.4, 8.5, 8.6, 8.13
	Water Quality Sampling Procedures (Comprehensive Monitoring Plan)	(✓)	7.0
	Coliform Monitoring Plan	(✓)	7.4.4
	Emergency Response Program	(✓)	6.5, 8.7
	Safety Procedures	(✓)	8.8
	Cross-connection Control Program	(✓)	8.11
	Customer Complaint Response Program	()	7.10
	Summary of O & M Deficiencies	(✓)	8.14
Chapter 7	DISTRIBUTION FACILITIES DESIGN AND CONSTRUCTION STANDARDS		
	Standard Construction Specification for Distribution Mains	()	8.9
	Design and Construction Standards for Distribution Related Projects, including Internal Engineering Review Procedures (i.e., Alternative Review)	()	8.9
Chapter 8	IMPROVEMENT PROGRAM		
	Selection and Justification of Proposed Capital Improvements Projects	()	9.0
	Selection and Justification of Non-Capital Projects	()	9.0
	Improvement Schedule (6 and 20 years)	(✓)	9.0 and Table 9-1
Chapter 9	FINANCIAL PROGRAM		
	Identification of Cost of Capital and Non-Capital Improvements	(✓)	10.3.2
	Identification of Annual O & M Expenses	(✓)	10.3.2
	Six-Year Balanced Operating Budget	(✓)	10.4 and Table 10-5
	Discussion of Water Rates Including Proposed Increases and Rate Structures	(✓)	10.6, 10.7
	Financial Viability Test (for systems serving less than 1000)	()	n/a
	UTC Financial Viability and Feasibility Test (for UTC regulated systems)	()	n/a
Chapter 10	MISCELLANEOUS DOCUMENTS		
	County/Adjacent Utility Correspondence	(✓)	Appendix ES-1
	State Environmental Policy Act (SEPA) Determination	()	Appendix ES-1
	Agreements	()	2.4
	Satellite Management Program	()	n/a

Attachment 2: Municipal Water Law Water System Plan/Small Water System Management Program General Approval Checklist

For each element, please identify where in your Water System Plan (WSP) or Small Water System Management Program (SWSMP) submittal the requirements of the Municipal Water Law identified in the column labeled “Element” are addressed.

The “Application” column identifies the type of plan (WSP or SWSMP) and the size of system the element applies to.

Application	Element	Addressed in plan on pages indicated	Documentation Attached
Water rights and system capacity			
WSP and SWSMP All size systems	The water rights self-assessment you have included in your WSP and SWSMP must be complete and must adequately reflect your water right status. Please review your self-assessment for completeness, accuracy and consistency with your water rights. If there are factors (i.e. supplemental, seasonal, etc.) to your water right that are not addressed in the self-assessment format, provide additional statements on how those factors affect your self-assessment.	Section 6.3	
WSP and SWSMP All size systems	The system capacity analysis must incorporate the water right quantity parameters (QaQi) found in your water rights self-assessment. Identify the number of connections, population served, and/or Equivalent Residential Units (ERUs) that you are currently serving and identify your current instantaneous and annual water usage. Water use demand should not exceed existing water right QaQi.	Sections 3.1, 3.2	
WSP All size systems	The system capacity analysis must incorporate the water right quantity parameters (QaQi) found in your water rights self-assessment. For a 6-year planning horizon, evaluate the number of connections, population served, and/or Equivalent Residential Units (ERUs) that you are planning on serving, utilizing historical water usage and future population projections. Water use demand projections should not exceed existing water right QaQi.	Section 3.3	
Service Area Delineation			
WSP and SWSMP All size systems	Provide a map and description of the water system service area. The map must delineate your retail service area (existing and future) as well any other service area (existing and future) you wish to include in your water right place of use. Provide clear differentiation between the two boundaries.	Figures 1-2 & 1-3	
WSP and SWSMP All size systems	Provide a copy of the land use map(s) for jurisdictions served by your system.	Figure 2-1	

Application	Element	Addressed in plan on pages indicated	Documentation Attached
Conservation			
WSP and SWSMP All size systems	New language has been added to RCW 70.119A, which states, "...municipal water suppliers shall continue to meet the existing conservation requirements of the department and shall continue to implement their current water conservation programs." Describe what, if any, previous efforts will be discontinued. For discontinued efforts, identify why continuation of these efforts would be ineffective or provide documentation that the discontinued program had a prescribed end date or savings level.	Section 4.0	
WSP All size systems	Must meet current conservation requirements. Please review the requirements (attached) and provide identification of where in your current WSP each of the elements is included.	Section 4.1	
SWSMP All size systems	Provide a completed Water Conservation Program (Element 14 of the SWSMP).	N/A	
WSP Systems serving 1000 or more connections	Describe the projects, technologies, and other cost-effective measures that comprise your water conservation program.	Section 4.3	
WSP Systems serving 1000 or more connections	Describe the improvements in the efficiency of water system use resulting from implementation of your water conservation program over the last six years.	Section 4.2.2	
WSP Systems with inchoate water rights serving 1000 or more connections	Provide a demand forecast for the next 6-years based on the water savings expected from the planned conservation measures.	Sections 3.3.2 & 4.3.4	
WSP Systems with inchoate water rights serving 1000 or more connections	Provide a demand forecast for the next 6-years based on the water savings expected if implementing additional conservation measures that were considered cost-effective, including those that were not chosen to be implemented at this time.	Sections 3.3.2 & 4.3.4	

Application	Element	Addressed in plan on pages indicated	Documentation Attached
Reclaimed Water			
WSP Systems with greater than 1000 connections	Exploring opportunities for water reclamation is an element of the Municipal Water Law that must be addressed in this plan Systems > 1000 Connections must complete Attachment 9: Water Reclamation Checklist for Systems with 1,000 or more Connections or provide comparable documentation.	Section 6.2	
Duty to Serve			
WSP All size systems	Describe how your system responds to requests for new water service by providing: <ol style="list-style-type: none"> 1. The process for service requests, including timeframes 2. How you determine that your system's capacity is adequate to provide new water service (including sufficient water rights) 3. Conditions of a non-technical nature that may affect your ability to provide new water service (annexation procedures, water rights issues, local ordinances, etc.) 4. Your system's procedures for granting or requesting extensions of time during a water service related project, and describe your procedure for handling disputes and appeals when water service requests are denied 	Sections 2.3 and 6.3.3	
Local Government Consistency			
WSP or SWSMP All size systems	<i>Consistency with applicable adopted local plans, regulations and policies must be determined prior to plan submittal. For each appropriate planning agency provide a completed "Consistency Statement Checklist" or analogous documentation.</i>	Appendix ES-1	
Watershed Coordination			
WSP or SWSMP All size systems In Watershed Planning Process per RCW 90.82	If your system is located in an area developing a watershed plan per RCW 90.82, describe your efforts to coordinate with the local planning unit. We have attached a list of Water Resource Inventory Areas (WRIA) where watershed plans are currently in development along with contact names for each area.	N/A	

Attachment 5: Water System Plan and Small Water System Management Program Consistency Statement Checklist

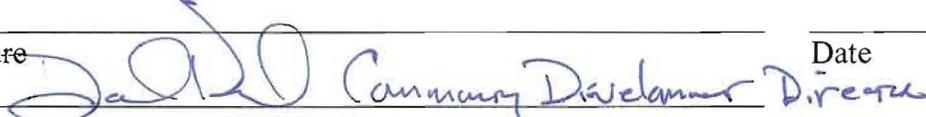
This checklist is intended to ensure consistency of water system planning documents with adopted local comprehensive plans and development regulations. Each local planning jurisdiction in which the water utility provides service will review the relevant water system planning information and provide a signed consistency statement to the utility for submittal to the Department of Health. If the local planning agency will not respond, the highest authority within the utility (chair of governing body, executive director of private companies, etc.) must sign to verify consistency of the plan information.

Water System Name: City of Marysville
 Planning Document Title: Draft Water Comprehensive Plan
 Local Planning Jurisdiction: City of Arlington

PWS ID: 51900 C
 Date: DOH Draft February 2009

<p align="center">Consistency Statement (Reference Municipal Water Law Section 5 and 8, amendment to chapter 90.03.386 and chapter 43.20 RCW)</p>	<p align="center">Section(s) or Page(s) in Planning Document (completed by utility)</p>	<p align="center">Yes – No – Not Applicable</p>
<p>The retail service area, and any other areas not served by a separate public water system, and land use identified in the WSP is consistent with the <i>adopted comprehensive plan and adopted development regulations and policies.</i></p>	<p>* <i>Figure 1-2 service area map.</i> * <i>Figure 1-3 service area timing map.</i> * <i>Figure 2-1 land use map.</i> * <i>Section 2.1.1 City of Marysville Comprehensive Plan.</i> * <i>Section 2.1.2 Snohomish County Comprehensive Plan.</i></p>	<p align="center">Yes</p>
<p>For WSPs only: The growth projection used to forecast water demand for the retail service area is consistent with the adopted city/county’s population growth projections (and commercial development projection if applicable). If a different growth projection was used, the alternative growth projection and methodology proposed is acceptable based on explanation given.</p>	<p>* <i>Section 3.3.1 Demand Forecast Methodology.</i> * <i>Section 3.3.2 Demand Forecast Results.</i> * <i>Appendix 3-1 Demand Forecast Technical Memorandum.</i> * <i>Section 2.1.1 City of Marysville Comprehensive Plan.</i> * <i>Section 2.1.2 Snohomish County Comprehensive Plan.</i></p>	<p align="center">Yes</p>
<p>For WSPs only: New potential large water users (that may have a significant impact on the water system) that the city/county is aware of have been identified in the WSP.</p>	<p>* <i>None identified.</i></p>	<p align="center">Yes</p>
<p>For city-owned systems only: All policies regarding water service outside the corporate boundaries are included in this WSP. These policies are consistent with the adopted <i>comprehensive plan and development regulations.</i></p>	<p>* <i>Section 2.3 City Policies.</i></p>	<p align="center">Yes</p>
<p>Where the local planning agency is unable to sign a Consistency Statement: Provide documentation of efforts to coordinate with local agencies with a 60-day timeline for local agency to respond. Include: name of contact, date, type of effort attempted, and response from local agency.</p>	<p align="center">n/a</p>	<p align="center">n/a</p>

I certify that the above statements are true to the best of my knowledge and that these statements support the conclusion that the subject-planning document is consistent with adopted comprehensive plans, development regulations, and other policies.

Signature  Date 1/23/09

Attachment 5: Water System Plan and Small Water System Management Program Consistency Statement Checklist

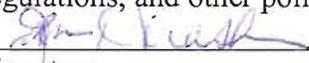
This checklist is intended to ensure consistency of water system planning documents with adopted local comprehensive plans and development regulations. Each local planning jurisdiction in which the water utility provides service will review the relevant water system planning information and provide a signed consistency statement to the utility for submittal to the Department of Health. If the local planning agency will not respond, the highest authority within the utility (chair of governing body, executive director of private companies, etc.) must sign to verify consistency of the plan information.

Water System Name: City of Marysville
 Planning Document Title: Draft Water Comprehensive Plan
 Local Planning Jurisdiction: City of Marysville

PWS ID: 51900 C
 Date: DOH Draft February 2009

<p align="center">Consistency Statement (Reference Municipal Water Law Section 5 and 8, amendment to chapter 90.03.386 and chapter 43.20 RCW)</p>	<p align="center">Section(s) or Page(s) in Planning Document (completed by utility)</p>	<p align="center">Yes – No – Not Applicable</p>
<p>The retail service area, and any other areas not served by a separate public water system, and land use identified in the WSP is consistent with the <i>adopted comprehensive plan and adopted development regulations and policies.</i></p>	<p>* <i>Figure 1-2 service area map.</i> * <i>Figure 1-3 service area timing map.</i> * <i>Figure 2-1 land use map.</i> * <i>Section 2.1.1 City of Marysville Comprehensive Plan.</i> * <i>Section 2.1.2 Snohomish County Comprehensive Plan.</i></p>	<p align="center"><i>Yes</i></p>
<p>For WSPs only: The growth projection used to forecast water demand for the retail service area is consistent with the adopted city/county’s population growth projections (and commercial development projection if applicable). If a different growth projection was used, the alternative growth projection and methodology proposed is acceptable based on explanation given.</p>	<p>* <i>Section 3.3.1 Demand Forecast Methodology.</i> * <i>Section 3.3.2 Demand Forecast Results.</i> * <i>Appendix 3-1 Demand Forecast Technical Memorandum.</i> * <i>Section 2.1.1 City of Marysville Comprehensive Plan.</i> * <i>Section 2.1.2 Snohomish County Comprehensive Plan.</i></p>	<p align="center"><i>Yes</i></p>
<p>For WSPs only: New potential large water users (that may have a significant impact on the water system) that the city/county is aware of have been identified in the WSP.</p>	<p>* <i>None identified.</i></p>	<p align="center"><i>Yes</i></p>
<p>For city-owned systems only: All policies regarding water service outside the corporate boundaries are included in this WSP. These policies are consistent with the adopted <i>comprehensive plan and development regulations.</i></p>	<p>* <i>Section 2.3 City Policies.</i></p>	<p align="center"><i>Yes</i></p>
<p>Where the local planning agency is unable to sign a Consistency Statement: Provide documentation of efforts to coordinate with local agencies with a 60-day timeline for local agency to respond. Include: name of contact, date, type of effort attempted, and response from local agency.</p>	<p align="center"><i>n/a</i></p>	<p align="center"><i>n/a</i></p>

I certify that the above statements are true to the best of my knowledge and that these statements support the conclusion that the subject-planning document is consistent with adopted comprehensive plans, development regulations, and other policies.



 Signature

1/9/09

 Date

Attachment 5: Water System Plan and Small Water System Management Program Consistency Statement Checklist

This checklist is intended to ensure consistency of water system planning documents with adopted local comprehensive plans and development regulations. Each local planning jurisdiction in which the water utility provides service will review the relevant water system planning information and provide a signed consistency statement to the utility for submittal to the Department of Health. If the local planning agency will not respond, the highest authority within the utility (chair of governing body, executive director of private companies, etc.) must sign to verify consistency of the plan information.

Water System Name: City of Marysville
 Planning Document Title: Draft Water Comprehensive Plan
 Local Planning Jurisdiction: Snohomish County

PWS ID: 51900 C
 Date: DOH Draft February 2009

<p align="center">Consistency Statement (Reference Municipal Water Law Section 5 and 8, amendment to chapter 90.03.386 and chapter 43.20 RCW)</p>	<p align="center">Section(s) or Page(s) in Planning Document (completed by utility)</p>	<p align="center">Yes – No – Not Applicable</p>
<p>The retail service area, and any other areas not served by a separate public water system, and land use identified in the WSP is consistent with the <i>adopted comprehensive plan and adopted development regulations and policies.</i></p> <p><i>* Service area boundary will be revised by July, 2009.</i></p>	<p><i>* Figure 1-2 service area map. * Figure 1-3 service area timing map. * Figure 2-1 land use map. * Section 2.1.1 City of Marysville Comprehensive Plan. * Section 2.1.2 Snohomish County Comprehensive Plan.</i></p>	<p align="center"><i>Yes</i></p>
<p>For WSPs only: The growth projection used to forecast water demand for the retail service area is consistent with the adopted city/county's population growth projections (and commercial development projection if applicable). If a different growth projection was used, the alternative growth projection and methodology proposed is acceptable based on explanation given.</p> <p><i>* Per Errata Sheet dated 4/24/09.</i></p>	<p><i>* Section 3.3.1 Demand Forecast Methodology. * Section 3.3.2 Demand Forecast Results. * Appendix 3-1 Demand Forecast Technical Memorandum. * Section 2.1.1 City of Marysville Comprehensive Plan. * Section 2.1.2 Snohomish County Comprehensive Plan.</i></p>	<p align="center"><i>Yes</i></p>
<p>For WSPs only: New potential large water users (that may have a significant impact on the water system) that the city/county is aware of have been identified in the WSP.</p>	<p><i>* None identified.</i></p>	<p align="center"><i>Yes</i></p>
<p>For city-owned systems only: All policies regarding water service outside the corporate boundaries are included in this WSP. These policies are consistent with the adopted <i>comprehensive plan and development regulations.</i></p>	<p><i>* Section 2.3 City Policies.</i></p>	<p align="center"><i>Yes</i></p>
<p>Where the local planning agency is unable to sign a Consistency Statement: Provide documentation of efforts to coordinate with local agencies with a 60-day timeline for local agency to respond. Include: name of contact, date, type of effort attempted, and response from local agency.</p>	<p align="center"><i>n/a</i></p>	<p align="center"><i>n/a</i></p>

I certify that the above statements are true to the best of my knowledge and that these statements support the conclusion that the subject-planning document is consistent with adopted comprehensive plans, development regulations, and other policies.

Signature

Paul J. Stewart
 SNOHOMISH COUNTY CHIEF ENGINEERING OFFICER

Date

5/8/09



Printed Name, Title, & Jurisdiction

****For any issues of inconsistency, please provide comments on how they can be resolved. ****

Direction below is provided as guidance for consistency verification. This list is not comprehensive.

For service area:

A copy of the adopted land use/zoning map that corresponds to the service area should be included. The uses provided in the WSP should be consistent with the adopted land use/zoning map.

Water systems may have policies on extensions of water service outside of their existing boundaries. These must be consistent with the local planning jurisdiction's (both city and county) adopted comprehensive plan and development regulations.

Under the Growth Management Act (GMA), domestic water service is considered both an urban and rural service. Unless the comprehensive plan and development regulations specifically limit water service or have an alternative definition of rural service than what is provided in the GMA, water service is allowed anywhere within the county.

For demand forecasting:

Water demand forecasts for the next six years and the 20-year planning horizons should be included. These forecasts should be consistent with the local population growth rate projections.

If the local population growth rate projections are not used, provide a detailed explanation on why the projections chosen more accurately describe the expected growth rate. Explain how it is consistent with the adopted land use.

Potential large water users may be identified by the following sources of information:

- Local planning agency
- Water utility
- Economic Development Council

Errata Sheet (4/24/09)

DOH Draft February 2009 City of Marysville Water Comprehensive Plan

Issues:

1. Section 2.1.2 Snohomish County Comprehensive Plan; Table 2-2 Snohomish County Population and Employment Forecasts for Marysville

TABLE 2-2 is replaced with the following table to reflect the figures adopted by the City of Marysville and Snohomish County in December, 2006.

Area	2002 Estimated Population	2025 Population Target	Forecast Increase
Marysville UGA	50,828	79,800	28,972
Marysville City	27,580	36,737	9,157
Unincorporated	23,248	43,063	19,815
Area	2002 Estimated Employment	2025 Employment Target	Forecast Increase
Marysville UGA	11,292	24,008	12,716
Marysville City	9,369	16,851	7,482
Unincorporated	1,923	7,157	5,234

Additional analysis was performed to explore the implications of using the higher employment numbers from the County for the demand forecast. That impact was determined to be minimal and no additional CIP projects are needed.

2. Section 1.4.3 Pressure Zones; Table 1-3 Pressure Zones

The table identifies a minimum static service pressure of 17 psi in the North 240 pressure zone. That number is misleading in that it is taken from a node in the hydraulic model near a reservoir where no services are located. There are no known service points in the system that have static pressures below 30 psi.

3. Section 2.2.1 North Snohomish County Coordinated Water System Plan

Add the following sentence to the end of the second paragraph for the final version of the Water Comprehensive Plan:

“The service area attributed to the City of Marysville will need to be updated again in the CWSP to include the area east of 67th Avenue NE and north of 89th Place NE.”

4. Section 2.2.2 City of Everett Comprehensive Water Plan

Change the last sentence of the second bullet on page 2-8 to read as follows:

“The City of Everett is aware of the projected deficit and has begun the expansion of the WFP so as to ensure sufficient supply through 2050 to its wholesale customers, including the City of Marysville.”

CITY OF MARYSVILLE
2009 WATER COMPREHENSIVE PLAN
DRAFT ENVIRONMENTAL CHECKLIST

A. BACKGROUND

1. Name of proposed project, if applicable:

City of Marysville 2009 Water Comprehensive Plan

2. Name of applicant:

City of Marysville

3. Address and phone number of applicant and contact person:

Attn: Terry Hawley
Public Works Operations Manager
80 Columbia Avenue
Marysville, WA 98270
(360) 651-5100

4. Date checklist prepared:

January 30, 2009

5. Agency requesting checklist:

City of Marysville Public Utilities Department

6. Proposed timing or schedule (including phasing, if applicable):

The City of Marysville 2009 Water Comprehensive Plan (WCP) discusses planning considerations, existing conditions, operation and maintenance standards, and recommended improvements to the City of Marysville's (City's) water system to meet future water demands in the City's Retail Water Service Area and to the City's wholesale customers. Both administrative plans and physical system improvement projects are discussed in the WCP.

The six-year and twenty-year Capital Improvement Plan (CIP) presented in this WCP consist mainly of physical system improvement projects. These projects are intended to improve the City's ability to provide a sufficient quantity of water at optimum quality. The projects described in the CIP are grouped according to supply, transmission system, storage, pump stations, and distribution system. Projects are defined for each year with the

projected, estimated costs associated with each project. However, CIP projects listed in the WCP should not be viewed as a commitment by the City to implement each project as it is planned with the cost and schedule shown in the WCP. Actual project implementation will be based on environmental review, permits and approvals, available funding, and scheduling requirements.

This WCP is a non-project action. A separate Washington State Environmental Policy Act (SEPA) review will be completed prior to actual implementation and construction of each physical project. Certain categorical exemptions from the SEPA review process may apply to specific projects, in accordance with WAC 97-11-800 under part nine of the SEPA rules.

- 7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.**

An update of the WCP will be required in six years. At that time, physical projects in the CIP that are scheduled to occur beyond the six-year planning horizon will be updated. As noted above, a SEPA review will be conducted, as needed, for each project in the CIP scheduled to occur within the next six years.

- 8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.**

General programmatic-level environmental impact information for this proposal is included in Section D. Specific environmental information has not been prepared for the update of the WCP.

- 9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.**

Development within the City's Water Retail Service Area will continue throughout the life of the WCP. This is consistent with the Snohomish County and City's planning policies, the Urban Growth Boundary, and other environmental regulations.

- 10. List any government approvals or permits that will be needed for your proposal, if known.**

The WCP must be approved by Washington State Department of Health. No project-specific approvals or permits are needed as part of the WCP update.

- 11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)**

The WCP is a Non-Project Action. Specific physical improvements/projects cited in the WCP will have a separate SEPA review, where necessary.

- 12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.**

Marysville's water retail service area is approximately 9 miles along a north-south line and varies from 1 to 3 miles in an east-west direction. The service area is bounded by Interstate 5 and the Tulalip Indian Tribe Reservation on the west, and Highway 9 on the east. The northern boundary varies but is generally considered as 180th Street NE. The Steamboat Slough restricts the southern extent of the service area. Three small developed areas located along 172nd Street NE and Warm Beach Road are located outside the current service area boundaries but are served by Marysville. Refer to Figure 1-2 of the WCP for a map of Marysville's water retail service area.

B. ENVIRONMENTAL ELEMENTS

The proposed adoption of the WCP is a Non-Project Action under SEPA, which includes decisions on policies, plans and programs, and is intended for long term planning purposes. The WCP refers to the development and utilization of transmission and water supply projects that either are, or may become components of the Marysville water system in the future. Specific physical improvements/projects cited in the WCP will have a separate SEPA review, where necessary.

Section B, Environmental Elements, which applies to specific Project Actions, is not applicable to the proposed adoption of the WCP. Please refer to Section D, Supplemental Sheet for Non-Project Actions, which provides general programmatic-level environmental impact information.

1. Earth

- a. General description of the site (circle one): Flat, rolling, hilly, steep slopes, mountainous, other**

This does not apply.

- b. What is the steepest slope on the site (approximate percent slope)?**

This does not apply.

- c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.**

This does not apply.

- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.**

This does not apply.

- e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.**

This does not apply.

- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.**

This does not apply.

- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?**

This does not apply.

- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:**

This does not apply.

2. Air

- a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.**

This does not apply.

- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.**

This does not apply.

- c. Proposed measures to reduce or control emissions or other impacts to air, if any:**

This does not apply.

3. Water

a. Surface:

- 1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.**

This does not apply.

- 2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.**

This does not apply.

- 3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.**

This does not apply.

- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.**

The City is not applying for additional water rights in conjunction with this WCP.

- 5) **Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.**

This does not apply.

- 6) **Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.**

None.

b. Ground:

- 1) **Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known.**

The City is not applying for additional water rights in conjunction with this WCP. There are no City water utility operations that involve discharge to ground waters.

- 2) **Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals . . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.**

This does not apply.

c. Water runoff (including stormwater):

- 1) **Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.**

This does not apply.

- 2) **Could waste materials enter ground or surface waters? If so, generally describe.**

This does not apply.

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:

This does not apply.

4. Plants

a. Check or circle types of vegetation found on the site:

This does not apply.

- _____ deciduous tree: alder, maple, aspen, other
- _____ evergreen tree: fir, cedar, pine, other
- _____ shrubs
- _____ grass
- _____ pasture
- _____ crop or grain
- _____ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
- _____ water plants: water lily, eelgrass, milfoil, other
- _____ other types of vegetation

b. What kind and amount of vegetation will be removed or altered?

None.

c. List threatened or endangered species known to be on or near the site.

This does not apply.

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

This does not apply.

5. Animals

a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

This does not apply.

birds: hawk, heron, eagle, songbirds, other:
mammals: deer, bear, elk, beaver, other:
fish: bass, salmon, trout, herring, shellfish, other:

- b. List any threatened or endangered species known to be on or near the site.**

This does not apply.

- c. Is the site part of a migration route? If so, explain.**

This does not apply.

- d. Proposed measures to preserve or enhance wildlife, if any:**

This does not apply.

6. Energy and natural resources

- a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.**

This does not apply.

- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.**

This does not apply.

- c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:**

This does not apply.

7. Environmental Health

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.**

None.

1) Describe special emergency services that might be required.

None.

2) Proposed measures to reduce or control environmental health hazards, if any:

This does not apply.

b. Noise

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?

This does not apply.

2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

This does not apply.

3) Proposed measures to reduce or control noise impacts, if any:

This does not apply.

8. Land and shoreline use

Items a-l do not apply to this WCP.

a. What is the current use of the site and adjacent properties?

b. Has the site been used for agriculture? If so, describe.

c. Describe any structures on the site.

d. Will any structures be demolished? If so, what?

e. What is the current zoning classification of the site?

f. What is the current comprehensive plan designation of the site?

g. If applicable, what is the current shoreline master program designation of the site?

- h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.**
- i. Approximately how many people would reside or work in the completed project?**
- j. Approximately how many people would the completed project displace?**
- k. Proposed measures to avoid or reduce displacement impacts, if any:**
- l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:**

9. Housing

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.**

This does not apply.

- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.**

This does not apply.

- c. Proposed measures to reduce or control housing impacts, if any:**

This does not apply.

10. Aesthetics

- a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?**

This does not apply.

- b. What views in the immediate vicinity would be altered or obstructed?**

This does not apply.

- c. Proposed measures to reduce or control aesthetic impacts, if any:**

This does not apply.

11. Light and Glare

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?**

This does not apply.

- b. Could light or glare from the finished project be a safety hazard or interfere with views?**

This does not apply.

- c. What existing off-site sources of light or glare may affect your proposal?**

This does not apply.

- d. Proposed measures to reduce or control light and glare impacts, if any:**

This does not apply.

12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity?**

This does not apply.

- b. Would the proposed project displace any existing recreational uses? If so, describe.**

This does not apply.

- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:**

This does not apply.

13. Historic and cultural preservation

- a. **Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.**

This does not apply.

- b. **Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.**

This does not apply.

- c. **Proposed measures to reduce or control impacts, if any:**

This does not apply.

14. **Transportation**

- a. **Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any.**

This does not apply.

- b. **Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?**

This does not apply.

- c. **How many parking spaces would the completed project have? How many would the project eliminate?**

This does not apply.

- d. **Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).**

This does not apply.

- e. **Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.**

This does not apply.

- f. **How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.**

This does not apply.

- g. **Proposed measures to reduce or control transportation impacts, if any:**

This does not apply.

15. Public services

- a. **Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.**

This does not apply.

- b. **Proposed measures to reduce or control direct impacts on public services, if any.**

This does not apply.

16. Utilities

- a. **Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other.**

This does not apply.

- b. **Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.**

This does not apply.

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: David Zull

Date Submitted: 3-3-09

D. SUPPLEMENTAL SHEET FOR NON-PROJECT ACTIONS

The proposed action is the adoption of the WCP. The WCP refers to the development and utilization of transmission and water supply projects that either are or may become components of the Marysville water system in the future. Environmental impacts would be associated with the construction, maintenance, and operation of those specific future projects. Those impacts will be evaluated during the environmental review of the specific projects. The following paragraphs discuss potential impacts in a very general manner.

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

The construction of some of the proposed components of Marysville's water system may involve the creation and discharge of construction stormwater. Effects on surface waters during construction could include increased runoff volumes and increased peak flows. The construction of some facilities may also result in the creation of impervious surfaces and the associated runoff.

Impacts to air quality due to the construction of water system facilities could include temporary increases in particulate emissions that would depend on the level and type of activity, soil characteristics, weather, and equipment employed; carbon monoxide and oxides of nitrogen in the exhaust of construction equipment powered by gasoline and diesel engines; increases in the levels of carbon monoxide and oxides of nitrogen emitted from vehicles that are delayed while transiting through the work areas; and fugitive dust. Diesel or gasoline-driven emergency electrical generation equipment located at some facilities would produce emissions to the air as well.

The production and release of toxic or hazardous substances is not anticipated. There would, however, likely be some storage and use of chemicals associated with the operation of water treatment facilities.

Proposed measures to avoid or reduce such increases are:

Minimization of impacts to surface waters would be achieved through implementation of applicable Best Management Practices and compliance with regulatory requirements and permit (e.g. NPDES Construction Stormwater Permit) conditions.

Minimization of impacts to air quality would be achieved by keeping exposed soil damp by spraying with water, covering all truck loads, using wheel washers, removing particulate matter deposited on public roads, covering dirt and debris

piles, properly maintaining equipment, and communications and coordination with the proponents of other projects and appropriate local jurisdictions regarding the scheduling and routing of construction truck traffic to help eliminate or reduce delays encountered by local traffic. Such mitigation and coordination are usually facilitated by the local jurisdiction through traffic management and mitigation plans, haul road agreements, and other permitting requirements.

Any necessary chemical storage would be designed to meet required safety and environmental regulatory requirements including secondary containment, leak detectors, alarms, and the use of plans for the prevention, containment, and clean-up of any spills.

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

Transmission and water supply system components would not affect marine life. However, plants, animals, or fish could be affected by certain facilities depending on their location and function. For buried structures such as transmission pipelines, the impacts would be temporary and limited to the construction period. For above-ground facilities such as pump stations and water treatment facilities, effects could extend beyond the construction period.

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

The siting and design of system components would emphasize avoidance of impacts to plants, animals, and fish. Where complete avoidance was not possible, the principal of minimization would be stressed. Impacts would be mitigated and enhancement measures implemented, as appropriate. Generally, these protective provisions are set forth in land use codes, laws and regulations, permit conditions, and memoranda of agreement with local jurisdictions.

3. How would the proposal be likely to deplete energy or natural resources?

Water system components would consume, but not deplete, energy and natural resources.

Proposed measures to protect or conserve energy and natural resources are:

System components would be sited, designed, constructed, maintained, and operated to be as efficient as possible.

4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or

endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?

None of the proposed water system components are or would be located on prime farmlands, wild and scenic rivers, or wilderness. It is possible that some components could be located near or on, or traverse, environmentally sensitive areas. Pipelines could be routed through wetlands or floodplains. Parks, endangered species habitat, and historic or cultural sites would be avoided whenever possible.

Proposed measures to protect such resources or to avoid or reduce impacts are:

System components would be sited with the intent of avoiding all environmentally sensitive areas. If use of an environmentally sensitive area were necessary, the “footprint” and construction impacts of the component would be minimized. Minimization measures include avoiding the construction of above-ground facilities in floodplains, using trenchless technologies for crossing significant fish-bearing water courses, and observing “fish windows” set by fish agencies for work below the ordinary high water mark.

5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

Water system components would neither affect land and shoreline use nor allow or encourage land or shoreline uses incompatible with existing plans.

Proposed measures to avoid or reduce shoreline and land use impacts are:

System components would comply with existing land use and shoreline management plans. Construction of facilities in shoreline areas would be avoided whenever possible.

6. How would the proposal be likely to increase demands on transportation or public services and utilities?

The construction, maintenance, and operation of water system components identified in the WCP would, to varying degrees depending on the specific facility and location, increase the demands on transportation, public services, and utilities. The increases should be insignificant, with the possible exception of the need for electrical power associated the operation of pumps and water treatment equipment.

Proposed measures to reduce or respond to such demand(s) are:

State-of-the-art equipment that would maximize efficiency and minimize power consumption would be utilized. Also, to the extent possible, pipeline alignments would be chosen that would maximize the use of gravity flow and minimize the need for pumps to move water in the system.

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.

Water system projects identified in the WCP do not and will not conflict with local, state, or federal laws or requirements for the protection of the environment.



COMMUNITY DEVELOPMENT DEPARTMENT
80 Columbia Avenue ♦ Marysville, WA 98270
(360) 363-8100 ♦ (360) 651-5099 FAX

April 22, 2009

Dear Reader and Interested Citizen,

Addendum No. 16 to the Final Environmental Impact Statement (FEIS) for the Marysville Comprehensive Plan, issued in April 2005, has been prepared by the Marysville Community Development Department. This addendum provides additional environmental information and analysis relating to the NON-PROJECT programmatic city action of revising the Public Facilities and Services Element of the Marysville Comprehensive Plan and adopting the 2009 – 2028 Water Comprehensive Plan (WCP).

This addendum adds further information to the analysis contained in the DEIS and the FEIS. The 2009 – 2028 WCP analyzes the existing system, plans, policies and agreements, planning data and demand, conservation, water rights, system reliability and source water protections, water quality review and regulatory compliance and operations and maintenance of the City of Marysville's water system to meet future water demands in the City's Retail Service Area and to the City's wholesale customers over a twenty (20) year planning horizon. It does not identify detailed project impacts. Specific project actions will require further detailed environmental review as they are considered for implementation.

Review of the 2009 – 2028 WCP is tentatively scheduled to occur at a public hearing before the Marysville Planning Commission on June 23, 2009, and at a subsequent briefing and public meeting before the Marysville City Council.

The City of Marysville invites you to comment on the 2009 – 2028 WCP during the City review process. A copy of the 2009 – 2028 *DRAFT* WCP can be viewed at the Marysville Community Development Department, located at 80 Columbia Avenue, or on the Community Development Departments home page at <http://ci.marysville.wa.us/communitydev/planning/index.html>. If you have any questions regarding Addendum No. 16 to the FEIS, please contact me at (360) 363-8207 or by e-mail at cholland@marysvillewa.gov. If you have any questions specifically related to the 2009 – 2028 WCP, please contact David Zull, Project Manager, at (360) 363-8282 or by e-mail at dzull@marysvillewa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Chris Holland".

Chris Holland
Senior Planner

**ADDENDUM NO. 16
TO THE
FINAL ENVIRONMENTAL IMPACT STATEMENT
FOR THE CITY OF MARYSVILLE
COMPREHENSIVE PLAN**

**Adoption of the 2009 - 2028 Water Comprehensive Plan
as a revision to the Public Facilities and Services Element
of the Marysville Comprehensive Plan**

Prepared Consistent with

The Washington State Environmental Policy Act of 1971
Chapter 43.21C Revised Code of Washington
Chapter 197-11, Washington Administrative Code
Marysville Municipal Code Title 19



COMMUNITY DEVELOPMENT DEPARTMENT
80 Columbia Avenue ♦ Marysville, WA 98270
(360) 363-8100 ♦ (360) 651-5099 FAX

Date of Issuance: April 22, 2009

FACT SHEET

File Number: PA 09006 (WCP)
PA 04024 (FEIS)

Project Title: 2009 – 2028 Water Comprehensive Plan (WCP)

Proposed Action: The proposed NON-PROJECT action is the adoption, by Marysville City Council, of an amendment to the Public Facilities and Services Element of the Marysville Comprehensive Plan and adopting the 2009 – 2028 WCP. The GMA requirements contained in RCW 36.70A are applicable to these plans.

Purpose of the FEIS Addendum: The purpose of this addendum is to add information and analysis relating to the non-project programmatic city action of revising the Public Facilities and Services Element the Marysville Comprehensive Plan and adopting the 2009 – 2028 WCP. This information expands upon previously identified significant impacts of the alternatives to the Marysville Comprehensive Plan DEIS, dated January 13, 2005, and FEIS, dated April 2005, but does not substantially change the analysis.

No additional significant impacts beyond those identified in the FEIS are expected to occur. Revisions to the proposal may be considered during the public hearing process. No additional programmatic action level environmental review will be required to the extent that the existing environmental documents listed in this addendum or other published documents have analyzed such changes.

This addendum is being issued in accordance with WAC 197-11-625. Additional changes to the proposal may be considered during the public hearing process. The adopted environmental documents listed in this addendum meet the City of Marysville's environmental review needs for the current proposal.

Description of Proposal: Adoption of the 2009 – 2028 WCP as a revision to the Public Facilities and Services Element of the Marysville Comprehensive Plan. This is a NON-PROJECT action. The WCP analyzes the existing system, plans, policies and agreements, planning data and demand, conservation, water rights, system reliability and source water protections, water quality review and regulatory compliance, operations and maintenance of the City of Marysville's water system to meet future water demands in the City's Retail Service Area and to the City's wholesale customers over a twenty (20) year planning horizon.

The WCP includes a six (6) year and twenty (20) year Capital Improvement Plan (CIP) and Financial Plan. The CIP and Financial Plan allow the City to determine the projects that are needed to improve the ability to provide a sufficient quantity of water at optimum quality and achieve the goals of the Comprehensive Plan, directly related to growth management and plan implementation.

Location of Proposal: The 2009 – 2028 Marysville Water Comprehensive Plan is a NON-PROJECT action that analyzes the water distribution system within Marysville's Water Retail Service Area. Marysville's Water Retail Service Area is approximately 9 miles along a north-south line and varies from 1 to 3 miles in an east-west direction. The service area is bounded by Interstate 5 and the Tulalip Tribes Indian Reservation on the west and Highway 9 on the east. The northern

boundary varies but is generally considered 180th Street NE. Steamboat Slough restricts the southern extent of the service area.

Lead Agency: City of Marysville
Community Development Department
80 Columbia Avenue
Marysville, WA 98270

Required Approval: City of Marysville Council – Ordinance Adoption
Washington State Department of Health

Circulation and Comment: This addendum, or notice of availability, is being sent to all recipients of the previously issued FEIS as required by WAC 197-11-625. No comment period is required for this addendum under WAC 197-11-502(8)(c).

FEIS Contact Person: Chris Holland
Senior Planner
(360) 363-8207
cholland@marysvillewa.gov

WCP Contact Person: David Zull
Project Manager
(360) 363-8282
dzull@marysvillewa.gov

Date of Issuance: April 22, 2009

Responsible Official: Gloria Hirashima
Position: Community Development Director
Address: 80 Columbia Avenue
Marysville, WA 98270

Signature:  _____

Tentative Date of Implementation: September, 2009

Public Hearings: Review of the 2009 – 2028 WCP is tentatively scheduled to occur at a public hearing before the Marysville Planning Commission on June 23, 2009, and at a subsequent briefing and public meeting before the Marysville City Council.

Documents: The 2009 – 2028 *DRAFT* WCP is available for viewing at the Community Development Department, located at 80 Columbia Avenue, or on the Community Development Departments home page <http://ci.marysville.wa.us/communitydev/planning/index.html>.



Received

APR 17 2009

STATE OF WASHINGTON
DEPARTMENT OF HEALTH

20435 72nd Ave. S., Suite 200, K17-12• Kent, Washington 98032 -2358

City of Marysville
Public Works &
Community Development

April 15, 2009

TERRY HAWLEY
MARYSVILLE UTILITIES
80 COLUMBIA AVE
MARYSVILLE WA 98270

RE: Marysville Utilities, ID# 51900
Snohomish County
Water System Plan - 2009
Submittal #09-0223

Dear Terry Hawley:

Thank you for submitting the Water System Plan (WSP) for the City of Marysville (the City) received in this office on February 23, 2009. We have reviewed the plan and offer the following comments. These comments must be adequately addressed prior to approval of the WSP.

System Description

1. Please provide a determination of Local Government Consistency from Snohomish County Planning and Development Services.

Basic Planning Data

2. The designated ADD of 188 gpd/ERU and peaking factor of 1.7 don't seem to include any factors of safety, please comment on the City's acceptance of assuming a certain level of risk for not including any factor of safety. Please also comment on whether or not there are any noted variations in city vs. rural usage and how this may affect future usage (greater potential for growth in rural areas?).

System Analysis

3. In the evaluation of adequacy tables in Chapter 5, please clarify how, if at all, future pressure zones will subtract usage from existing zones.
4. Please indicate if valid system complaints are rolled into the CIP as an improvement - for example, if low pressure problems are reported and determined to be valid, are those improvements added as a CIP item? Are you aware of any specific reason why there was a spike of complaints in 2005?



5. It might be useful to tie CIP projects identified in table 9-1 to specific deficiencies in chapter 5. No specific deficiencies were summarized for distribution mains in Chapter 5.
6. A Stage 1 DBP Monitoring Plan was included in last WSP and satisfied the requirements to submit a DBP monitoring plan. It is noted in chapter 7 that the monitoring sites were recently updated - a revised plan with any updates and transition from Stage 1 to Stage 2 should be included. Recent correspondence with City staff has also indicated the possibility of requesting reduced monitoring under Stage 1 and adding sample sites for the new Lake Goodwin well source.

Water Use Efficiency Program (WUE)

7. Please include a section in the WUE program that addresses the water supply characteristics of your sources. (Reference Chapter 3 and Appendix C of the WUE Guidebook for guidance on what to include in this part of your WUE program.)

Other Documentation

8. Please provide a signed SEPA Checklist and a signed SEPA determination with the revised WSP submittal.
9. The water system must meet the consumer input process outlined in WAC 246-290-100(8). Please include documentation of a consumer meeting discussing the WSP, prior to DOH approval of the WSP.
10. Prior to DOH approval, the City's governing body must approve and adopt the WSP. This is a new requirement resulting from the Municipal Water Legislation.
11. Please provide copies of any comments made by adjacent purveyors, along with your response to those comments.

We hope that you have found these comments to be clear, constructive and helpful in the development of your final draft WSP. We ask that you submit the revised WSP on or before **July 15, 2009**. In order to expedite the review of your revised submittal, please include a cover letter summarizing how each of the above comments was addressed in the revised WSP and where each response is located (i.e., page numbers, Appendices, etc.)

Regulations establishing a schedule for fees for review of planning, engineering and construction documents have been adopted (WAC 246-290-990). Please note that we have included an invoice in the amount of **\$5,305.00** for the review of the Water System Plan. This fee covers our cost for review of the initial submittal, plus the review of one revised document. Please remit your complete payment in the form of a check or money order within thirty days of the date of this letter to: **DOH, Revenue Section, and P.O. Box 1099, Olympia, WA 98507-1099.**

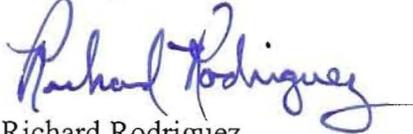
Marysville Utilities

April 15, 2009

Page 3

Thank you again for submitting your revised Water System Plan for our review. If you have any comments or questions concerning our review, please contact me at (253) 395-6771.

Sincerely,



Richard Rodriguez
WSDOH Regional Planner

Enclosure

cc: Jolyn Leslie, DOH

Paul Fabiniak, DOE-NWRO

Gary Idleburg, Snohomish County Planning and Development Services

Snohomish County Health District

Jim Peterson, P.E., HDR Engineering, Inc.

Marysville 2009 Water Comprehensive Plan - Comment and Response Log

#	Category	Commenter	Comment	Response
1	System Description	Department of Health	Please provide a determination of Local Government Consistency from Snohomish County Planning and Development Services.	The Consistency Statement Checklist from Snohomish County has been added to Appendix ES-1. Note that while most of the appendices are provided only on cd, a hard copy of Appendix ES-1 is included with the submittal letter to DOH.
2	Basic Planning Data	Department of Health	The designated ADD of 188 gpd/ERU and peaking factor of 1.7 don't seem to include any factors of safety, please comment on the City's acceptance of assuming a certain level of risk for not including any factor of safety. Please also comment on whether or not there are any noted variations in city vs. rural usage and how this may affect future usage (greater potential for growth in rural areas?).	The City is comfortable with the water use factors and peaking factor used to develop the demand forecast. The water use factors were based on the most recent three years of data. However, they could be viewed as conservative in that the plumbing code will continue to reduce them as older fixtures are replaced and since all new construction will be built to code. The water use was not analyzed separately for city vs rural areas. While more growth is expected to come from expansion rather than infill, again since all new connections will be built to code, this provides a factor of safety in terms of the water use factor.
3	System Analysis	Department of Health	In the evaluation of adequacy tables in Chapter 5, please clarify how, if at all, future pressure zones will subtract usage from existing zones.	Future pressure zones will not subtract usage from existing zones. Demands were developed for small spatial areas (which correspond to an overlap of Traffic Analysis Zones, current boundaries for existing pressure zones and service timing boundaries). The demands are therefore located spatially within either: 1) a current boundary of an existing pressure zone, 2) an expanded boundary of an existing pressure zone, or 3) a new pressure zone. Therefore for the source and storage analysis, the demands were allocated to the appropriate pressure zone and the demands do not move spatially over time. In areas where future pressure zone boundaries have not been formalized, City staff determined what percent of the demand in these areas should be allocated to the relevant new pressure zones. Future pressure zone boundaries roughly follow logical extensions of existing pressure zone boundaries in the South system (e.g., 240, 360 and 510 zones).

Marysville 2009 Water Comprehensive Plan - Comment and Response Log

#	Category	Commenter	Comment	Response
4	System Analysis	Department of Health	Please indicate if valid system complaints are rolled into the CIP as an improvement -for example, if low pressure problems are reported and determined to be valid, are those improvements added as a CIP item? Are you aware of any specific reason why there was a spike of complaints in 2005?	Customer complaints are handled through a formal process that is oriented toward operations and maintenance. Please refer to Section 7.10 for a description of this process. Complaints are handled on a case-by-case basis and none have warranted implementation of a CIP project. Regarding the 'spike' of complaints in 2005, that is primarily due to shifting of the boundary between the north and south systems (north being served by Marysville water and south being served by Everett water).
5	System Analysis	Department of Health	It might be useful to tie CIP projects identified in table 9-1 to specific deficiencies in chapter 5. No specific deficiencies were summarized for distribution mains in Chapter 5.	A project description is provided within the Chapter 9 text for each CIP project listed in Table 9-1. The justification for each project (e.g., additional capacity, main replacement or upgrades to address deficient fire flow within the system) is provided in the text. Please refer to Section 9.2.4 to see a description of the justification for each of the water transmission and distribution projects included in the CIP. In addition, a column titled 'justification' has been added to Table 9-1 which assigns projects to one of several categories.
6	System Analysis	Department of Health	A Stage 1 DBP Monitoring Plan was included in last WSP and satisfied the requirements to submit a DBP monitoring plan. It is noted in chapter 7 that the monitoring sites were recently updated -a revised plan with any updates and transition from Stage 1 to Stage 2 should be included. Recent correspondence with City staff has also indicated the possibility of requesting reduced monitoring under Stage 1 and adding sample sites for the new Lake Goodwin well source.	Marysville staff have not updated their Stage 1 DBP Monitoring Plan yet. However, they plan to update the document in the near future and they will provide the updated monitoring plan to DOH, independent of this water system plan.
7	Water Use Efficiency Program (WUE)	Department of Health	Please include: a section in the WUE program that addresses the water supply characteristics of your sources. (Reference Chapter 3 and Appendix C of the WUE Guidebook for guidance on what to include in this part of your WUE program.)	The components of the water supply characteristics are included in Section 1.4.1 Source of Supply and Section 6.3 Water Rights Evaluation.
8	Other Documentation	Department of Health	Please provide a signed SEPA Checklist and a signed SEPA determination with the revised WSP submittal.	The SEPA Checklist was signed and the City of Marysville provided a signed letter dated April 22, 2009 that serves as their SEPA determination.

Marysville 2009 Water Comprehensive Plan - Comment and Response Log

#	Category	Commenter	Comment	Response
9	Other Documentation	Department of Health	The water system must meet the consumer input process outlined in WAC 246-290-100(8). Please include documentation of a consumer meeting discussing the WSP, prior to DOH approval of the WSP.	A public hearing was held at the Marysville Planning Commission on June 23, 2009. Another public hearing was held at the July 27, 2009 Marysville City Council meeting.
10	Other Documentation	Department of Health	Prior to DOH approval, the City's governing body must approve and adopt the WSP. This is a new requirement resulting from the Municipal Water Legislation.	The Marysville City Council adopted the water system plan at its July 27, 2009 meeting.
11	Other Documentation	Department of Health	Please provide copies of any comments made by adjacent purveyors, along with your response to those comments.	Comments were received from DOH and Snohomish County. The comments and the responses are documented in this Comment and Response Log and an Errata Sheet, both of which are included in Appendix ES-1.
12	Various	Snohomish County	During communications related to obtaining the Municipal Water Law Consistency Checklist, Snohomish County provided informal comments via a series of emails in late February and early March 2009. The comments relate primarily to the demographics from the Snohomish County Comprehensive Plan, although they also touch on a few other issues.	An Errata Sheet was developed to address Snohomish County's comments. The Errata Sheet is included in Appendix ES-1.

Errata Sheet (4/24/09)

DOH Draft February 2009 City of Marysville Water Comprehensive Plan

Issues:

1. Section 2.1.2 Snohomish County Comprehensive Plan; Table 2-2 Snohomish County Population and Employment Forecasts for Marysville

TABLE 2-2 is replaced with the following table to reflect the figures adopted by the City of Marysville and Snohomish County in December, 2006.

Area	2002 Estimated Population	2025 Population Target	Forecast Increase
Marysville UGA	50,828	79,800	28,972
Marysville City	27,580	36,737	9,157
Unincorporated	23,248	43,063	19,815
Area	2002 Estimated Employment	2025 Employment Target	Forecast Increase
Marysville UGA	11,292	24,008	12,716
Marysville City	9,369	16,851	7,482
Unincorporated	1,923	7,157	5,234

Additional analysis was performed to explore the implications of using the higher employment numbers from the County for the demand forecast. The results of that analysis showed that no additional CIP projects are needed.

2. Section 1.4.3 Pressure Zones; Table 1-3 Pressure Zones

The table identifies a minimum static service pressure of 17 psi in the North 240 pressure zone. That number is misleading in that it is taken from a node in the hydraulic model near a reservoir where no services are located. There are no known service points in the system that have static pressures below 30 psi.

3. Section 2.2.1 North Snohomish County Coordinated Water System Plan

Add the following sentence to the end of the second paragraph for the final version of the Water Comprehensive Plan:

“The service area attributed to the City of Marysville will need to be updated again in the CWSP to include the area east of 67th Avenue NE and north of 89th Place NE.”

4. Section 2.2.2 City of Everett Comprehensive Water Plan

Change the last sentence of the second bullet on page 2-8 to read as follows:

“The City of Everett is aware of the projected deficit and has begun the expansion of the WFP so as to ensure sufficient supply through 2050 to its wholesale customers, including the City of Marysville.”

CITY OF MARYSVILLE
Marysville, Washington
ORDINANCE NO. 2781

AN ORDINANCE OF THE CITY OF MARYSVILLE, WASHINGTON, ADOPTING THE 2009 CITY OF MARYSVILLE WATER SYSTEM PLAN (ALSO REFERRED TO AS THE "WATER COMPREHENSIVE PLAN"), PURSUANT TO WAC 246-290-100 AND DIRECTING THAT SAID PLAN BE DOCKETED AND LATER ADOPTED AS A PART OF THE PUBLIC FACILITIES AND SERVICES ELEMENT OF THE MARYSVILLE COMPREHENSIVE PLAN.

WHEREAS, WAC 246-90-100(10) requires water purveyors to update the Water System Plan (also referred to herein as the "Water Comprehensive Plan") and obtain approval from the Washington State Department of Health at least every six (6) years; and

WHEREAS, the City of Marysville's existing Water Comprehensive Plan was approved by Ordinance No. 2496 on October 27, 2003; and

WHEREAS, the City of Marysville retained HDR Engineering, Inc. to prepare the 2009 Water System Plan in accordance with WAC 246-290-100 and to submit said plan for review by adjoining purveyors; and

WHEREAS, the 2009 Water System Plan identifies the necessary capital improvements for the City's water system to meet future water demands in the City's Retail Water Service Area for a 20-year horizon commencing in 2009; and

WHEREAS, the City of Marysville submitted the 2009 Water System Plan to the Washington State Department of Health for review and approval as required by WAC 246-290-100; and

WHEREAS, pursuant to WAC 246-290-100(8)(b) the 2009 Water System Plan shall be approved by the Marysville City Council, prior to approval by the Washington State Department of Health; and

WHEREAS, the proposed 2009 Water System Plan is based on and complies with the objectives and requirements of the Washington State Growth Management Act (GMA) RCW 36.70A and as such shall also be referred to at the City's "Water Comprehensive Plan"; and

WHEREAS, the City has submitted the 2009 Water Comprehensive Plan to the Washington State Department of Trade, Community, and Economic Development (now known as the Department of Commerce) for its review; and

WHEREAS, following public notice and comment, the City issued Addendum No. 16 to the Final Environmental Impact Statement for the City of Marysville Comprehensive Plan, on April 22, 2009, which Addendum No. 16 addresses the environmental impacts of the 2009 Water Comprehensive Plan; and

WHEREAS, for the purpose of complying with the requirements of WAC 246-290-100 and RCW 36.70A.070, the Marysville Planning Commission held a public workshop on April 14, 2009 and a public hearing on June 23, 2009 to accept public comment and to review the 2009 Water Comprehensive Plan; and

WHEREAS, on July 27, 2009 the Marysville City Council reviewed the Planning Commission's recommendation relating to the adoption of the 2009 Water System Plan;

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF MARYSVILLE, WASHINGTON DO ORDAIN AS FOLLOWS:

Section 1. The document entitled "2009 City of Marysville Water Comprehensive Plan" is hereby adopted as the City of Marysville's Water System Plan pursuant to WAC 246-290-100. A copy of said plan shall be made available for inspection and review at the office of the City Clerk and the office of Community Development.

Section 2. The Director of Community Development is hereby directed to include the Water Comprehensive Plan in the 2009 GMA Comprehensive Plan Docket process and upon approval thereof it shall become a part of the Public Facilities and Services Element of the Marysville Comprehensive Plan.

Section 3. Upon adoption for both the purpose of WAC 246-290-100 and RCW 36.70A.070, the "2009 City of Marysville Water Comprehensive Plan" adopted herein shall replace and supersede all previous Water Comprehensive Plans, which shall no longer be in effect.

Section 4. Severability. If any section, subsection, sentence, clause, phrase or word of this ordinance should be held to be invalid or unconstitutional by a court of competent jurisdiction, such invalidity or unconstitutionality thereof shall not affect the validity or constitutionality of any other section, subsection, sentence, clause, phrase or word of this ordinance.

PASSED by the City Council and APPROVED by the Mayor this 27th day of

July, 2009.

CITY OF MARYSVILLE

By: Dennis L Kendall

DENNIS KENDALL, MAYOR

Attest:

By: April O'Brien

TRACY JEFFRIES, CITY CLERK

APRIL O'BRIEN Deputy

Approved as to form:

By: Grant K. Weed
GRANT K. WEED, CITY ATTORNEY

Date of Publication: 7/29/09

Effective Date: 8/3/09
(5-days after publication)

I hereby certify this to be a true and correct copy
of the original on file in my office as part of the
official records of the City of Marysville.

Deputy City Clerk April O'Brien
Date 8/4/09