



**City of Seattle**  
Seattle Public Utilities

September 6, 2011

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Municipal Stormwater Permit Comments  
WA Department of Ecology  
Water Quality Program  
P.O. Box 47696  
Olympia, WA 98504-7696

**Subject:** NPDES Phase I Municipal Stormwater Permit – Monitoring Preliminary  
Draft Permit Language – Follow-up Information on Cost Allocation

Dear Ecology:

This letter is to provide follow-up information to Seattle's June 17, 2011 comment letter on Washington State Department of Ecology's preliminary draft language for the monitoring section of the NPDES Phase I Municipal Stormwater Permit (Permit). At that time, Seattle indicated that it was working with WSAC/AWC and other permittees to recommend an alternative cost-allocation methodology that would meet Ecology's expectations for equitable cost-sharing and no net increase in monitoring costs to Phase I permittees. Due to a variety of factors, there is no joint recommendation regarding cost allocation available at this time. However, Seattle would like to share some of the outcomes and products of these discussions to inform Ecology's permit development process.

First, there is general support among Puget Sound Phase I permittees on the following items:

- Annual Phase I permittee payments each year should be no greater than current annual Phase I permittee expenditures for NPDES permit required monitoring given the current economic conditions and the competing funding needs for stormwater management program (SWMP) implementation.
- Annual Phase II permittee payments should be affordable and reflect a minimum level of effort (base payment) that would be required to conduct monitoring independently (without RSMP) to meet new Phase II monitoring requirements.
- All Puget Sound Phase I & II permittees should be required to contribute a base amount to both source ID & effectiveness monitoring and a base amount

to status & trends monitoring. Ecology should identify what level would be appropriate. Potential options are discussed below.

Additionally, there is support among several Puget Sound Phase I permittees (including Seattle) to (1) require the base payments for effectiveness monitoring even if utilizing the recommended local needs study option and (2) average Phase I costs over the 5-year period to level annual payments to minimize budget impacts to existing programs. In addition, Seattle continues to believe that allocations above the base amount should not be assigned solely on population. Other factors (e.g., land area) are significant contributors to stormwater impacts and management needs and should be considered along with population. This could be accomplished by also considering land area or, in the case of Phase I permittees, evenly splitting Phase I costs (with 1/3 shares for Ports). If a cost-allocation cannot be achieved that meets the objectives for no increase costs to Phase I permittees and affordability for Phase II permittees, Seattle recommends that total RSMP costs be reduced or additional non-permittee funding source be identified.

Second, attached to this email are the following products developed in support of permittee discussions on cost-allocation that may be useful to Ecology:

- Attachment 1. Description of four additional cost allocation options (4A, 4B, 5A, & 5B) that reflect two variations in base payments amounts and two variations in non-base allocation methodology. Based on input received from various permittees, additional adjustments related to an independent SW monitoring program, incorporation of tiered base levels, and higher base payments (e.g., \$30,000/year) may be appropriate; however, this additional analysis was not done at this time.
- Attachment 2. Permittee payments for options described in Attachment 1 and Options 1 and 3 presented by Ecology in May 2011 preliminary draft language (also attached as "Att 2\_Options\_0627111.xlsx"). Assuming total RSMP costs remain the same, Seattle recommends a methodology similar to Option 4A.
- Attachment 3. Spreadsheets (modifications of spreadsheet provided by Ecology) used to calculate permittee payments for options in Attachment 2. The excel files are attached if Ecology would find them useful to adapt to evaluate other options. One benefit to this format is that permittees can identify what portions of their payment are being used to fund various aspects of the RSMP.

Seattle appreciates the continued work of Ecology to develop Permit requirements that are both meaningful and practical for protecting our region's valuable water resources and hopes that this additional input will be useful towards this work. We look forward to working with Ecology and other jurisdictions, organizations, and the

public to protect and improve our aquatic ecosystems. If you have any questions regarding this letter, please feel free to contact Ingrid Wertz (206-386-0015) of my staff.

Cordially,



Nancy Ahern, Director  
Utility System Management Branch  
Seattle Public Utilities (SPU)

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## **Attachment 1. RSMP Cost-allocation Options**

### **Summary**

This document describes potential cost-allocation options approaches and options developed in support of permittee discussions on potential RSMP cost-allocation methodologies. The four options developed for discussion were Option 4A, Option 4B, Option 5A, and Option 5B (described below). None of the options developed were acceptable to all jurisdictions. Particular areas of concern identified were SW permittees interest in an independent monitoring program, Phase IIs having any monitoring requirements, base payments being too low, and having tiered base levels based on population, MHI, or city/county.

### **Phase I and Phase II RSMP Payment Objectives (used in development of options)**

**Phase I.** Annual permittee payments each year that are no greater than current annual Phase I permittee expenditures for NPDES required monitoring.

**Phase II.** Annual permittee payments that are affordable and reflect a minimum level of effort that would be required to conduct monitoring independently (without RSMP) to meet new Phase II monitoring requirements.

### **Permittee Payments**

Annual permittee payments for all permittees and averaged 5-year payments for Phase I permittees for Options 4A, 4B, 5A, and 5B and Options 1 and 3 (options proposed by Ecology in May 2011 preliminary draft language with payments updated to reflect corrected errors in spreadsheet) are presented in Attachment 2 (“Att 2\_Option\_062711.xlsx”). The assumptions used, calculations, and cost breakdown by RSMP component are presented for each option in Attachment 3 and accompanying workbooks (e.g., “Att 3\_Option 4A\_062711.xlsx”).

### **Cost-Allocation Principles & Approach (used in development of options)**

1. Source ID & effectiveness costs are shared between all Western WA permittees
2. Puget Sound (PS) status & trends costs are shared between PS permittees. Southwest (SW) status & trend costs are shared between SW permittees (note: for the purposes of this analysis SW payments are included although it is acknowledged that SW jurisdictions are in discussions with Ecology regarding a different, non-RSMP approach to monitoring).
3. All permittees are required to contribute a base amount to both source ID & effectiveness monitoring and a base amount to status & trends monitoring. These base amounts should reflect a minimum level of effort that would be required to conduct monitoring independently (without RSMP) to meet new Phase II monitoring requirements. Ecology should identify what level would be appropriate. Base payments for effectiveness monitoring would be required even if utilizing the recommended local needs study option. Two options for base payment amounts:

#### **Option 4 – Base Payments for All Permittees**

- 50% of the total cost for source ID & effectiveness monitoring evenly split as a base between all permittees (\$10,876/yr/permittee),
- 25% of the total costs for PS status and trends evenly split by PS permittees (\$9,392/yr/PS permittee during implementation), and
- 25% of the total costs for SW status and trends evenly split by SW permittees (\$7,550/yr/SW permittee during implementation).
- This would result in a roughly \$20k total base for PS permittees and \$17k for SW permittees.

#### **Option 5 – Base Payments for All Permittees**

- 25% of the total cost for source ID & effectiveness monitoring evenly split as a base between all permittees (approx. \$5,438/yr/permittee),
- 15% of the total costs for PS status and trends evenly split by PS permittees (approx. \$5,635/yr/PS permittee during implementation), and
- 15% of the total costs for SW status and trends evenly split by SW permittees (approx. \$4,530/yr/SW permittee during implementation).
- This would result in a roughly \$11k base for PS permittees and \$10k for SW permittees

4. Non-base allocations for Phase I permittees should not be based solely on population as other factors (e.g., land area) are significant contributors to stormwater impacts and management needs. This could be accomplished by:

**Option A - Non-base payments.** Evenly splitting Phase I non-base costs (with 1/3 shares for Ports). This option also reflects that Phase Is have all had the same monitoring requirements for the past five years. Phase II non-base payments would be split by population.

**Option B – Non-base payments.** Considering both population and land area for all permittees. For this option, a 75% (population) and 25% (land area) is initially assumed. Note that land areas used in spreadsheet are erroneous and land areas would need to be updated and split to be reevaluated if to be used for allocation purposes. This option is not preferred due to the complicating factors associated with determining land area.

5. To account for the start-up of new NPDES required monitoring, Phase II Permittees costs reflect 2-years of start-up payments and 3-years of implementation payments.
6. To account for existing NPDES required monitoring programs and budgets, Phase I Permittees costs are averaged over 5-year permit to level annual payments.
7. RSMP costs are those presented by Ecology in May 2011 preliminary draft language. It is assumed that 2-year ramp up period would begin with effective date of Phase I and Phase II 5-year permits in 2013.



Attachment 3. Payment Workbook - Options 1 and 3 (updated)

Cities, Towns, and Counties - Western Washington		WWA annual										PS S&T				SW S&T				Total RSMP Cost		RampUp Yrs		Implement Yrs						
		Effectiveness \$1,855,000										nearshore (annual) \$21,600 \$984,600				SW S&T ramp up implement				Total RSMP Cost RampUp Yrs \$2,227,000		Total RSMP Cost Implement Yrs \$5,443,200								
		Source ID \$168,000										streams (annual) \$160,800 \$2,133,600				SW WA (annual) \$ 21,600 \$ 302,000														
		Effect & Source ID Total \$2,023,000										PS S&T (annual) \$182,400 \$3,118,200				% of total evenly split for base 0% 0%														
		% of total evenly split for base 100%										% of total evenly split for base 0% 0%				Total Base \$0 \$0														
		Total Base \$2,023,000										Total Base \$0 \$0				Base (per permittee) \$0 \$0														
		Base (per permittee) \$21,753										Base (per permittee) \$0 \$0				Total Non-Base \$21,600 \$302,000														
		Total Non-Base \$0										Total Non-Base \$182,400 \$3,118,200																		
County		100% % pop (100% if only weighted by population)																												
		0% %land										For WWA Effect & Source ID				For PS Status & Trends				For SW Status & Trends				Opt 1 - Total RSMP by population		Opt 3 - Effect/Source ID even base, rest pop				
Municipality	2010 (+ Port "equiv" populations)	+/- Annexations Approved by OFM 4/2/10-7/1/10	Adjusted 2010 Census (+ Port "equiv" populations)	MHI **	region: ps=1, sw =2	% Pop all of WWA	% Pop PS	% Pop SW	% pop & land combo WWA	% pop & land combo PS	% pop & land combo SW	Base Annual	% Annual	Total Annual	ramp up ambient (PS y2&3) - Base Annual	implement ambient (PS y4&5) - Base Annual	ramp up ambient (PS y2&3) - % non-base Annual	implement ambient (PS y4&5) - % non-base Annual	ramp up ambient (PS y2&3) - Total Annual	implement ambient (PS y4&5) - Total Annual	ramp up ambient (SW y2&3) - Base Annual	implement ambient (SW y4&5) - Base Annual	ramp up ambient (SW y2&3) - % non-base Annual	implement ambient (SW y4&5) - % non-base Annual	ramp up ambient (SW y2&3) - Total Annual	implement ambient (SW y4&5) - Total Annual	Ramp Up	Implement	Ramp Up	Implement
Clallam	19,380		19,380	\$42,932	2	1	0.39%	0.44%	0.39%	0.44%		\$21,753	\$0	\$21,753	\$0	\$0	\$795	\$13,597	\$795	\$13,597							\$8,643	\$21,125	\$22,544	\$35,026
Clark	212,910	-8	212,902	\$55,297	3	2	4.26%	38.76%	4.26%	38.76%		\$21,753	\$0	\$21,753	\$0	\$0	\$8,372	\$117,059	\$8,372	\$117,059	\$0	\$0	\$684	\$9,567	\$684	\$9,567	\$94,948	\$232,070	\$30,450	\$167,573
Unincorporated	17,400		17,400		3	2	0.35%	3.17%	0.35%	3.17%		\$21,753	\$0	\$21,753	\$0	\$0	\$677	\$9,462	\$677	\$9,462	\$0	\$0	\$677	\$9,462	\$677	\$9,462	\$7,675	\$18,969	\$22,464	\$33,670
Battle Ground	17,210		17,210		3	2	0.34%	3.13%	0.34%	3.13%		\$21,753	\$0	\$21,753	\$0	\$0	\$6509	\$91,001	\$6,509	\$91,001	\$0	\$0	\$553	\$7,725	\$553	\$7,725	\$73,812	\$180,409	\$28,514	\$135,112
Camas	165,500	8	165,508		3	2	3.31%	30.13%	3.31%	30.13%		\$21,753	\$0	\$21,753	\$0	\$0	\$6,509	\$91,001	\$6,509	\$91,001	\$0	\$0	\$553	\$7,725	\$553	\$7,725	\$6,266	\$15,315	\$22,327	\$31,376
Washougal	14,050		14,050		3	2	0.28%	2.56%	0.28%	2.56%		\$21,753	\$0	\$21,753	\$0	\$0	\$1,663	\$23,255	\$1,663	\$23,255	\$0	\$0	\$463	\$6,477	\$463	\$6,477	\$5,254	\$12,841	\$22,234	\$29,821
Cowlitz	42,295		42,295	\$46,037	2	2	0.85%	7.70%	0.85%	7.70%		\$21,753	\$0	\$21,753	\$0	\$0	\$1,420	\$19,849	\$1,420	\$19,849	\$0	\$0	\$1,420	\$19,849	\$1,420	\$19,849	\$16,100	\$39,350	\$23,227	\$46,478
Unincorporated	11,780		11,780		2	2	0.24%	2.14%	0.24%	2.14%		\$21,753	\$0	\$21,753	\$0	\$0	\$246	\$4,203	\$246	\$4,203	\$0	\$0	\$472	\$8,062	\$472	\$8,062	\$2,671	\$6,529	\$21,997	\$25,855
Kelso	36,100		36,100		2	2	0.72%	6.57%	0.72%	6.57%		\$21,753	\$0	\$21,753	\$0	\$0	\$246	\$4,203	\$246	\$4,203	\$0	\$0	\$472	\$8,062	\$472	\$8,062	\$5,124	\$12,524	\$22,222	\$29,622
Longview	16,450		16,450	\$36,361	1	2	0.33%	2.99%	0.33%	2.99%		\$21,753	\$0	\$21,753	\$0	\$0	\$246	\$4,203	\$246	\$4,203	\$0	\$0	\$472	\$8,062	\$472	\$8,062	\$2,671	\$6,529	\$21,997	\$25,855
Grays Harbor	23,420		23,420	\$55,563	3	1	0.47%	0.53%	0.47%	0.53%		\$21,753	\$0	\$21,753	\$0	\$0	\$961	\$16,432	\$961	\$16,432	\$0	\$0	\$961	\$16,432	\$961	\$16,432	\$10,445	\$25,529	\$22,709	\$37,793
Aberdeen	16,450		16,450		1	2	0.33%	2.99%	0.33%	2.99%		\$21,753	\$0	\$21,753	\$0	\$0	\$246	\$4,203	\$246	\$4,203	\$0	\$0	\$472	\$8,062	\$472	\$8,062	\$2,671	\$6,529	\$21,997	\$25,855
Island	23,420		23,420	\$66,398	3	1	0.47%	0.53%	0.47%	0.53%		\$21,753	\$0	\$21,753	\$0	\$0	\$961	\$16,432	\$961	\$16,432	\$0	\$0	\$961	\$16,432	\$961	\$16,432	\$10,445	\$25,529	\$22,709	\$37,793
Oak Harbor	343,340	-38070	305,270		3	1	6.11%	6.87%	6.11%	6.87%		\$21,753	\$0	\$21,753	\$0	\$0	\$12,529	\$214,181	\$12,529	\$214,181	\$0	\$0	\$114	\$1,947	\$114	\$1,947	\$136,141	\$332,755	\$34,224	\$230,837
King	2,775		2,775		3	1	0.06%	0.06%	0.06%	0.06%		\$21,753	\$0	\$21,753	\$0	\$0	\$114	\$1,947	\$114	\$1,947	\$0	\$0	\$114	\$1,947	\$114	\$1,947	\$1,238	\$3,025	\$21,866	\$23,653
Unincorporated	69,270		69,270		3	1	1.39%	1.56%	1.39%	1.56%		\$21,753	\$0	\$21,753	\$0	\$0	\$2,843	\$48,601	\$2,843	\$48,601	\$0	\$0	\$2,843	\$48,601	\$2,843	\$48,601	\$30,892	\$75,507	\$24,583	\$69,197
Algona	122,900		122,900		3	1	2.46%	2.77%	2.46%	2.77%		\$21,753	\$0	\$21,753	\$0	\$0	\$5,044	\$86,228	\$5,044	\$86,228	\$0	\$0	\$5,044	\$86,228	\$5,044	\$86,228	\$54,810	\$133,965	\$26,773	\$105,929
Bellevue	4,190		4,190		3	1	0.08%	0.09%	0.08%	0.09%		\$21,753	\$0	\$21,753	\$0	\$0	\$172	\$2,940	\$172	\$2,940	\$0	\$0	\$172	\$2,940	\$172	\$2,940	\$1,869	\$4,567	\$21,924	\$24,622
Black Diamond	33,430		33,430		3	1	0.67%	0.75%	0.67%	0.75%		\$21,753	\$0	\$21,753	\$0	\$0	\$1,372	\$23,455	\$1,372	\$23,455	\$0	\$0	\$1,372	\$23,455	\$1,372	\$23,455	\$14,909	\$36,440	\$23,118	\$44,649
Bothell	31,730	14,292	46,022		3	1	0.92%	1.04%	0.92%	1.04%		\$21,753	\$0	\$21,753	\$0	\$0	\$1,889	\$32,290	\$1,889	\$32,290	\$0	\$0	\$1,889	\$32,290	\$1,889	\$32,290	\$20,524	\$50,166	\$23,633	\$53,274
Burien	2,845		2,845		3	1	0.06%	0.06%	0.06%	0.06%		\$21,753	\$0	\$21,753	\$0	\$0	\$117	\$1,996	\$117	\$1,996	\$0	\$0	\$117	\$1,996	\$117	\$1,996	\$1,269	\$3,101	\$21,869	\$23,701
Clyde Hill	17,640		17,640		3	1	0.35%	0.40%	0.35%	0.40%		\$21,753	\$0	\$21,753	\$0	\$0	\$724	\$12,376	\$724	\$12,376	\$0	\$0	\$724	\$12,376	\$724	\$12,376	\$7,867	\$19,228	\$22,473	\$33,835
Covington	29,290		29,290		3	1	0.59%	0.66%	0.59%	0.66%		\$21,753	\$0	\$21,753	\$0	\$0	\$1,202	\$20,550	\$1,202	\$20,550	\$0	\$0	\$1,202	\$20,550	\$1,202	\$20,550	\$13,062	\$31,927	\$22,949	\$41,814
Des Moines	5,990		5,990		3	1	0.12%	0.13%	0.12%	0.13%		\$21,753	\$0	\$21,753	\$0	\$0	\$246	\$4,203	\$246	\$4,203	\$0	\$0	\$246	\$4,203	\$246	\$4,203	\$2,671	\$6,529	\$21,997	\$25,855
Duvall	11,490		11,490		3	1	0.23%	0.26%	0.23%	0.26%		\$21,753	\$0	\$21,753	\$0	\$0	\$472	\$8,062	\$472	\$8,062	\$0	\$0	\$472	\$8,062	\$472	\$8,062	\$5,124	\$12,524	\$22,222	\$29,622
Enumclaw	88,760		88,760		3	1	1.78%	2.00%	1.78%	2.00%		\$21,753	\$0	\$21,753	\$0	\$0	\$3,643	\$62,275	\$3,643	\$62,275	\$0	\$0	\$3,643	\$62,275	\$3,643	\$62,275	\$39,584	\$96,751	\$25,379	\$82,546
Federal Way	27,160		27,160		3	1	0.54%	0.61%	0.54%	0.61%		\$21,753	\$0	\$21,753	\$0	\$0	\$1,115	\$19,056	\$1,115	\$19,056	\$0	\$0	\$1,115	\$19,056	\$1,115	\$19,056	\$12,113	\$29,605	\$22,862	\$40,355
Issaquah	20,650		20,650		3	1	0.41%	0.46%	0.41%	0.46%		\$21,753	\$0	\$21,753	\$0	\$0	\$847	\$14,488	\$847	\$14,488	\$0	\$0	\$847	\$14,488	\$847	\$14,488	\$9,209	\$22,509	\$22,596	\$35,896
Kenmore	88,760	23620	112,380		3	1	2.25%	2.53%	2.25%	2.53%		\$21,753	\$0	\$21,753	\$0	\$0	\$4,612	\$78,847	\$4,612	\$78,847	\$0	\$0	\$4,612	\$78,847	\$4,612	\$78,847	\$50,118	\$122,498	\$26,344	\$98,724
Kent	49,620		49,620		3	1	0.99%	1.12%	0.99%	1.12%		\$21,753	\$0	\$21,753	\$0	\$0	\$2,036	\$34,814	\$2,036	\$34,814	\$0	\$0	\$2,036	\$34,814	\$2,036	\$34,814	\$22,129	\$54,087	\$23,780	\$55,738
Kirkland	12,840		12,840		3	1	0.26%	0.29%	0.26%	0.29%		\$21,753	\$0	\$21,753	\$0	\$0	\$527	\$9,009	\$527	\$9,009	\$0	\$0	\$527	\$9,009	\$527	\$9,009	\$6,726	\$13,996	\$22,277	\$30,547
Lake Forest Park	23,130		23,130		3	1	0.46%	0.52%	0.46%	0.52%		\$21,753	\$0	\$21,753	\$0	\$0	\$949	\$16,228	\$949	\$16,228	\$0	\$0	\$949	\$16,228	\$949	\$16,228	\$10,315	\$25,212	\$22,698	\$37,595
Maple Valley	2,980		2,980		3	1	0.06%	0.07%	0.06%	0.07%		\$21,753	\$0	\$21,753	\$0	\$0	\$122	\$2,091	\$122	\$2,091	\$0	\$0	\$122	\$2,091	\$122	\$2,091	\$1,329	\$3,248	\$21,874	\$23,794
Medina	22,890		22,890		3	1	0.46%	0.52%	0.46%	0.52%		\$21,753	\$0	\$21,753	\$0	\$0	\$939	\$16,060	\$939	\$16,060	\$0	\$0	\$939	\$16,060	\$939	\$16,060	\$10,208	\$24,951	\$22,688	\$37,430
Mercer Island	9,955		9,955		3	1	0.20%	0.22%	0.20%	0.22%		\$21,753	\$0	\$21,753	\$0	\$0	\$409	\$6,985	\$409	\$6,985	\$0	\$0	\$409	\$6,985	\$409	\$6,985	\$4,440	\$10,851	\$22,159	\$28,571
Newcastle	6,540		6,540		3	1	0.13%	0.15%	0.13%	0.15%		\$21,753	\$0	\$21,753	\$0	\$0	\$268	\$4,589	\$268	\$4,589	\$0	\$								

Attachment 3. Payment Workbook - Options 1 and 3 (updated)

Burlington	8,985	8,985	3	1	0.18%	0.20%	0.18%	0.20%	\$21,753	\$0	\$21,753	\$0	\$0	\$369	\$6,304	\$369	\$6,304	\$4,007	\$9,794	\$22,120	\$27,907		
Anacortes	16,800	16,800	3	1	0.34%	0.38%	0.34%	0.38%	\$21,753	\$0	\$21,753	\$0	\$0	\$689	\$11,787	\$689	\$11,787	\$7,492	\$18,313	\$22,439	\$33,259		
Mount Vernon	31,020	31,020	3	1	0.62%	0.70%	0.62%	0.70%	\$21,753	\$0	\$21,753	\$0	\$0	\$1,273	\$21,764	\$1,273	\$21,764	\$13,834	\$33,813	\$23,020	\$42,999		
Sedro-Woolley	10,040	10,040	3	1	0.20%	0.23%	0.20%	0.23%	\$21,753	\$0	\$21,753	\$0	\$0	\$412	\$7,044	\$412	\$7,044	\$4,478	\$10,944	\$22,163	\$28,629		
<b>Snohomish</b>		\$63,587																					
Unincorporated	300,815	300,815	3	1	6.02%	6.77%	6.02%	6.77%	\$21,753	\$0	\$21,753	\$0	\$0	\$12,346	\$211,055	\$12,346	\$211,055	\$134,155	\$327,899	\$34,042	\$227,786		
Arlington	17,280	17,280	3	1	0.35%	0.39%	0.35%	0.39%	\$21,753	\$0	\$21,753	\$0	\$0	\$709	\$12,124	\$709	\$12,124	\$7,706	\$18,836	\$22,459	\$33,588		
Brier	6,490	6,490	3	1	0.13%	0.15%	0.13%	0.15%	\$21,753	\$0	\$21,753	\$0	\$0	\$266	\$4,553	\$266	\$4,553	\$2,894	\$7,074	\$22,018	\$26,198		
Edmonds	40,900	40,900	3	1	0.82%	0.92%	0.82%	0.92%	\$21,753	\$0	\$21,753	\$0	\$0	\$1,679	\$28,696	\$1,679	\$28,696	\$18,240	\$44,582	\$23,424	\$49,766		
Everett	104,100	104,100	3	1	2.08%	2.34%	2.08%	2.34%	\$21,753	\$0	\$21,753	\$0	\$0	\$4,272	\$73,038	\$4,272	\$73,038	\$46,426	\$113,473	\$26,005	\$93,052		
Granite Falls	3,375	3,375	3	1	0.07%	0.08%	0.07%	0.08%	\$21,753	\$0	\$21,753	\$0	\$0	\$139	\$2,368	\$139	\$2,368	\$1,505	\$3,679	\$21,891	\$24,064		
Lake Stevens	26,670	26,670	3	1	0.53%	0.60%	0.53%	0.60%	\$21,753	\$0	\$21,753	\$0	\$0	\$1,095	\$18,712	\$1,095	\$18,712	\$11,894	\$29,071	\$22,842	\$40,019		
Lynnwood	36,160	36,160	3	1	0.72%	0.81%	0.72%	0.81%	\$21,753	\$0	\$21,753	\$0	\$0	\$1,484	\$25,370	\$1,484	\$25,370	\$16,126	\$39,416	\$23,230	\$46,519		
Marysville	58,040	58,040	3	1	1.16%	1.31%	1.16%	1.31%	\$21,753	\$0	\$21,753	\$0	\$0	\$2,382	\$40,722	\$2,382	\$40,722	\$25,884	\$63,266	\$24,124	\$61,505		
Mill Creek	18,700	18,700	3	1	0.37%	0.42%	0.37%	0.42%	\$21,753	\$0	\$21,753	\$0	\$0	\$767	\$13,120	\$767	\$13,120	\$8,340	\$20,384	\$22,517	\$34,561		
Monroe	16,680	16,680	3	1	0.33%	0.38%	0.33%	0.38%	\$21,753	\$0	\$21,753	\$0	\$0	\$685	\$11,703	\$685	\$11,703	\$7,439	\$18,182	\$22,434	\$33,177		
Mountlake Terrace	20,960	20,960	3	1	0.42%	0.47%	0.42%	0.47%	\$21,753	\$0	\$21,753	\$0	\$0	\$860	\$14,706	\$860	\$14,706	\$9,348	\$22,847	\$22,609	\$36,109		
Mukilteo	20,150	20,150	3	1	0.40%	0.45%	0.40%	0.45%	\$21,753	\$0	\$21,753	\$0	\$0	\$827	\$14,137	\$827	\$14,137	\$8,986	\$21,964	\$22,576	\$36,554		
Snohomish	9,320	9,320	3	1	0.19%	0.21%	0.19%	0.21%	\$21,753	\$0	\$21,753	\$0	\$0	\$383	\$6,539	\$383	\$6,539	\$4,156	\$10,159	\$22,133	\$28,136		
<b>Thurston</b>		\$57,988																					
Unincorporated	140,100	140,100	3	1	2.81%	3.15%	2.81%	3.15%	\$21,753	\$0	\$21,753	\$0	\$0	\$5,750	\$98,296	\$5,750	\$98,296	\$62,480	\$152,714	\$27,476	\$117,709		
Lacey	40,130	40,130	3	1	0.80%	0.90%	0.80%	0.90%	\$21,753	\$0	\$21,753	\$0	\$0	\$1,647	\$28,156	\$1,647	\$28,156	\$17,897	\$43,743	\$23,392	\$49,238		
Olympia	45,500	45,500	3	1	0.91%	1.02%	0.91%	1.02%	\$21,753	\$0	\$21,753	\$0	\$0	\$1,867	\$31,923	\$1,867	\$31,923	\$20,292	\$49,597	\$23,611	\$52,916		
Tumwater	16,770	16,770	3	1	0.34%	0.38%	0.34%	0.38%	\$21,753	\$0	\$21,753	\$0	\$0	\$688	\$11,766	\$688	\$11,766	\$7,479	\$18,280	\$22,438	\$33,239		
<b>Whatcom</b>		\$46,188																					
Unincorporated	85,246	85,246	2	1	1.71%	1.92%	1.71%	1.92%	\$21,753	\$0	\$21,753	\$0	\$0	\$3,499	\$59,810	\$3,499	\$59,810	\$38,017	\$92,921	\$25,235	\$80,139		
Bellingham	77,550	77,550	2	1	1.55%	1.74%	1.55%	1.74%	\$21,753	\$0	\$21,753	\$0	\$0	\$3,183	\$54,410	\$3,183	\$54,410	\$34,585	\$84,532	\$24,921	\$74,868		
Ferndale	11,210	11,210	2	1	0.22%	0.25%	0.22%	0.25%	\$21,753	\$0	\$21,753	\$0	\$0	\$460	\$7,865	\$460	\$7,865	\$4,999	\$12,219	\$22,211	\$29,431		
Totals WWA	4,993,606	4,993,606			100.00%		100.00%		\$2,023,000	\$0	\$2,023,000	\$0	\$0	\$182,400	\$3,118,200	\$182,400	\$3,118,200	\$2,227,000	\$5,443,200	\$2,227,000	\$5,443,200		
Total PS		4,444,341		89%		100.00%																	
Total SW		549,265		11%		100.00%												\$0	\$0	\$21,600	\$302,000	\$21,600	\$302,000
Phase I WWA		2,215,237		44%																			
Phase II WWA		2,778,369		56%																			
Phase I PS		2,002,335		45%																			
Phase II PS		2,442,006		55%																			
Phase I SW		212,902		39%																			
Phase II SW		336,363		61%																			

\*\* MHI figures are OFM projections for 2010, at <http://www.ofm.wa.gov/economy/hhinc/default.asp>. Projected 2010 MHI for WA State is \$55,379. Three tiers are 1: below \$40K; 2: between \$40K and \$50K; and 3: above \$50K.

Attachment 3. Payment Workbook - Option 4A

Cities, Towns, and Counties - Western Washington		WWA annual										PS S&T				SW S&T				TOTAL (annual)				
Municipality	2010 (+ Port "equiv" populations)	Annexations Approved by OFM 4/2/10-7/1/10	Adjusted 2010 Census (+ Port "equiv" populations)	MHI **	region: ps=1, sw = 2	% Pop all of WWA	% Pop PS	% Pop SW	% pop & land combo WWA	% pop & land combo PS	% pop & land combo SW	Effectiveness		ramp up		implement		ramp up		implement		Ramp Up	Implement	
												Source ID	Effect & Source ID Total	% of total evenly split for base	nearshore (annual)	streams (annual)	PS S&T (annual)	% of total evenly split for base	Total Base	Base (per permittee)	Total Non-Base			% non-base by Phase I
Clallam	19,380		19,380	2	1	0.39%	0.44%					\$1,855,000	\$168,000	50%	\$21,600	\$984,600	\$21,600	\$302,000	\$21,600	\$302,000	\$15,948	\$34,392		
Clark	212,910	-8	212,902	3	2	4.26%	38.76%	4.26%	38.76%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$597	\$10,198	\$1,146	\$19,590	\$85,003	\$173,528		
Unincorporated	17,400		17,400	3	2	0.35%	3.17%	0.35%	3.17%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$597	\$10,198	\$1,146	\$19,590	\$15,454	\$29,126		
Battle Ground	17,210		17,210	3	2	0.34%	3.13%	0.34%	3.13%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$597	\$10,198	\$1,146	\$19,590	\$15,410	\$29,009		
Camas	165,508	8	165,508	3	2	3.31%	30.13%	3.31%	30.13%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$597	\$10,198	\$1,146	\$19,590	\$49,823	\$120,202		
Vancouver	14,050		14,050	3	2	0.28%	2.56%	0.28%	2.56%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$597	\$10,198	\$1,146	\$19,590	\$14,677	\$27,066		
Washougal	42,295		42,295	2	2	0.85%	7.70%	0.85%	7.70%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$597	\$10,198	\$1,146	\$19,590	\$21,231	\$44,435		
Cowlitz	11,780		11,780	2	2	0.24%	2.14%	0.24%	2.14%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$597	\$10,198	\$1,146	\$19,590	\$14,150	\$25,670		
Unincorporated	36,100		36,100	2	2	0.72%	6.57%	0.72%	6.57%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$597	\$10,198	\$1,146	\$19,590	\$19,793	\$40,625		
Kelso	16,450		16,450	1	2	0.33%	2.99%	0.33%	2.99%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$597	\$10,198	\$1,146	\$19,590	\$15,234	\$28,542		
Longview	23,420		23,420	3	1	0.47%	0.53%	0.47%	0.53%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$721	\$12,324	\$1,270	\$21,716	\$16,891	\$37,336		
Grays Harbor	343,340	-38070	305,270	3	1	6.11%	6.87%	6.11%	6.87%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$10,876	\$185,937	\$11,426	\$195,330	\$89,610	\$273,513		
Aberdeen	2,775		2,775	3	1	0.06%	0.06%	0.06%	0.06%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$85	\$1,460	\$635	\$10,852	\$12,073	\$22,291		
Island	69,270		69,270	3	1	1.39%	1.56%	1.39%	1.56%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$2,132	\$36,450	\$2,682	\$45,843	\$27,589	\$70,750		
Oak Harbor	122,900		122,900	3	1	2.46%	2.77%	2.46%	2.77%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$3,783	\$64,671	\$4,332	\$74,063	\$40,103	\$109,834		
King	4,190		4,190	3	1	0.08%	0.09%	0.08%	0.09%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$129	\$2,205	\$678	\$11,597	\$12,403	\$23,322		
Unincorporated	33,430		33,430	3	1	0.67%	0.75%	0.67%	0.75%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$1,029	\$17,591	\$1,578	\$26,983	\$19,226	\$44,631		
Algona	31,730	14,292	46,022	3	1	0.92%	1.04%	0.92%	1.04%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$1,417	\$24,217	\$1,966	\$33,609	\$22,165	\$53,808		
Auburn	2,845		2,845	3	1	0.06%	0.06%	0.06%	0.06%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$576	\$1,497	\$637	\$10,889	\$12,090	\$22,342		
Bellevue	17,640		17,640	3	1	0.35%	0.40%	0.35%	0.40%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$543	\$9,282	\$1,092	\$18,674	\$15,542	\$33,124		
Black Diamond	29,290		29,290	3	1	0.59%	0.66%	0.59%	0.66%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$902	\$15,413	\$1,451	\$24,805	\$18,260	\$41,614		
Bothell	5,990		5,990	3	1	0.12%	0.13%	0.12%	0.13%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$184	\$3,152	\$734	\$12,544	\$12,823	\$24,634		
Burien	11,490		11,490	3	1	0.23%	0.26%	0.23%	0.26%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$354	\$6,046	\$903	\$15,438	\$14,107	\$28,642		
Clyde Hill	88,760		88,760	3	1	1.78%	2.00%	1.78%	2.00%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$2,732	\$46,706	\$3,281	\$56,098	\$32,137	\$84,954		
Covington	27,160		27,160	3	1	0.54%	0.61%	0.54%	0.61%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$836	\$14,292	\$1,385	\$23,684	\$17,763	\$40,062		
Des Moines	20,650		20,650	3	1	0.41%	0.46%	0.41%	0.46%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$636	\$10,866	\$1,185	\$20,258	\$16,244	\$35,318		
Duvall	88,760	23620	112,380	3	1	2.25%	2.53%	2.25%	2.53%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$3,459	\$59,135	\$4,009	\$68,527	\$37,648	\$102,167		
Enumclaw	49,620		49,620	3	1	0.99%	1.12%	0.99%	1.12%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$1,527	\$26,110	\$2,077	\$35,503	\$23,004	\$56,430		
Federal Way	12,840		12,840	3	1	0.26%	0.29%	0.26%	0.29%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$395	\$6,757	\$945	\$16,149	\$14,422	\$29,626		
Issaquah	23,130		23,130	3	1	0.46%	0.52%	0.46%	0.52%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$712	\$12,171	\$1,261	\$21,563	\$16,823	\$37,125		
Kenmore	2,980		2,980	3	1	0.06%	0.07%	0.06%	0.07%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$92	\$1,568	\$641	\$10,960	\$12,121	\$22,440		
Kent	22,890		22,890	3	1	0.46%	0.52%	0.46%	0.52%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$705	\$12,045	\$1,254	\$21,437	\$16,767	\$36,950		
Kirkland	9,955		9,955	3	1	0.20%	0.22%	0.20%	0.22%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$306	\$5,238	\$856	\$14,631	\$13,749	\$27,523		
Lake Forest Park	6,540		6,540	3	1	0.13%	0.15%	0.13%	0.15%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$201	\$3,441	\$751	\$12,834	\$12,952	\$25,035		
Lake Forest Park	6,305		6,305	3	1	0.13%	0.14%	0.13%	0.14%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$194	\$3,318	\$743	\$12,710	\$12,897	\$24,863		
Maple Valley	125,000		125,000	3	1	2.50%	2.81%	2.50%	2.81%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$3,625	\$61,979	\$4,175	\$71,371	\$37,487	\$104,683		
Medina	53,680	147	53,827	3	1	1.08%	1.21%	1.08%	1.21%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$1,657	\$28,324	\$2,206	\$37,716	\$23,986	\$59,496		
Mercer Island	86,230		86,230	3	1	1.73%	1.94%	1.73%	1.94%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$2,654	\$45,375	\$3,204	\$54,767	\$31,547	\$83,110		
Newcastle	41,070		41,070	3	1	0.82%	0.92%	0.82%	0.92%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$1,264	\$21,611	\$1,814	\$31,004	\$21,009	\$50,199		
Normandy Park	25,890		25,890	3	1	0.52%	0.58%	0.52%	0.58%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$797	\$13,624	\$1,346	\$23,016	\$17,467	\$39,136		
Norway	612,000		612,000	3	1	12.26%	13.77%	12.26%	13.77%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$10,876	\$185,937	\$11,426	\$195,330	\$89,610	\$273,513		
Port of Seattle	54,580		54,580	3	1	1.09%	1.23%	1.09%	1.23%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$1,680	\$28,720	\$2,229	\$38,113	\$24,161	\$60,045		
SeaTac	18,190	11	18,201	3	1	0.36%	0.41%	0.36%	0.41%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$560	\$9,578	\$1,110	\$18,970	\$15,673	\$33,533		
Seattle	11,350		11,350	3	1	0.23%	0.26%	0.23%	0.26%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$349	\$5,972	\$899	\$15,365	\$14,074	\$28,540		
Shoreline	168,900	-35	168,865	3	1	3.38%	3.80%	3.38%	3.80%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$5,198	\$88,858	\$5,747	\$98,250	\$50,829	\$143,332		
Tukwila	23,380		23,380	3	1	0.47%	0.53%	0.47%	0.53%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$720	\$12,303	\$1,269	\$21,695	\$16,881	\$37,307		
Woodinville	36,190		36,190	3	1	0.72%	0.81%	0.72%	0.81%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$1,114	\$19,043	\$1,663	\$28,436	\$19,870	\$46,643		
Woodinville	10,910		10,910	3	1	0.22%	0.25%	0.22%	0.25%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$336	\$5,741	\$885	\$15,133	\$13,971	\$28,219		
Woodinville	8,920	35	8,955	3	1	0.18%	0.20%	0.18%	0.20%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$276	\$4,712	\$825	\$14,104	\$13,515	\$26,795		
Woodinville	15,570		15,570	2	2	0.31%	2.83%	0.31%	2.83%			\$1,855,000	\$168,000	50%	\$549	\$9,392	\$3,154	\$14,030	\$549	\$6,421	\$999	\$13,971	\$15,029	\$28,001
Woodinville	380																							

Attachment 3. Payment Workbook - Option 4A

Puyallup	38,900	38,900	3	1	0.78%	0.88%		0.78%	0.88%	\$10,876	\$7,880	\$18,756	\$549	\$9,392	\$1,197	\$20,470	\$1,747	\$29,862		\$20,503	\$48,618
Steilacoom	6,300	6,300	3	1	0.13%	0.14%		0.13%	0.14%	\$10,876	\$1,276	\$12,152	\$549	\$9,392	\$194	\$3,315	\$743	\$12,707		\$12,896	\$24,860
Sumner	9,080	9,080	3	1	0.18%	0.20%		0.18%	0.20%	\$10,876	\$1,839	\$12,716	\$549	\$9,392	\$279	\$4,778	\$829	\$14,170		\$13,544	\$26,886
Tacoma	204,200	204,200	3	1	4.09%	4.59%		4.09%	4.59%	\$10,876	\$67,307	\$78,184	\$549	\$9,392	\$10,876	\$185,937	\$11,426	\$195,330		\$89,610	\$273,513
University Place	31,550	31,550	3	1	0.63%	0.71%		0.63%	0.71%	\$10,876	\$6,391	\$17,267	\$549	\$9,392	\$971	\$16,602	\$1,521	\$25,994		\$18,788	\$43,261
<b>Skagit</b>		\$54,548																			
Unincorporated	50,130	50,130	3	1	1.00%	1.13%		1.00%	1.13%	\$10,876	\$10,154	\$21,031	\$549	\$9,392	\$1,543	\$26,379	\$2,092	\$35,771		\$23,123	\$56,802
Burlington	8,985	8,985	3	1	0.18%	0.20%		0.18%	0.20%	\$10,876	\$1,820	\$12,696	\$549	\$9,392	\$277	\$4,728	\$826	\$14,120		\$13,522	\$26,816
Anacortes	16,800	16,800	3	1	0.34%	0.38%		0.34%	0.38%	\$10,876	\$3,403	\$14,279	\$549	\$9,392	\$517	\$8,840	\$1,067	\$18,232		\$15,346	\$32,512
Mount Vernon	31,020	31,020	3	1	0.62%	0.70%		0.62%	0.70%	\$10,876	\$6,283	\$17,160	\$549	\$9,392	\$955	\$16,323	\$1,504	\$25,715		\$18,664	\$42,875
Sedro-Woolley	10,040	10,040	3	1	0.20%	0.23%		0.20%	0.23%	\$10,876	\$2,034	\$12,910	\$549	\$9,392	\$309	\$5,283	\$858	\$14,675		\$13,768	\$27,585
<b>Snohomish</b>		\$63,587																			
Unincorporated	300,815	300,815	3	1	6.02%	6.77%		6.02%	6.77%	\$10,876	\$67,307	\$78,184	\$549	\$9,392	\$10,876	\$185,937	\$11,426	\$195,330		\$89,610	\$273,513
Arlington	17,280	17,280	3	1	0.35%	0.39%		0.35%	0.39%	\$10,876	\$3,500	\$14,377	\$549	\$9,392	\$532	\$9,093	\$1,081	\$18,485		\$15,458	\$32,862
Brier	6,490	6,490	3	1	0.13%	0.15%		0.13%	0.15%	\$10,876	\$1,315	\$12,191	\$549	\$9,392	\$200	\$3,415	\$749	\$12,807		\$12,940	\$24,998
Edmonds	40,900	40,900	3	1	0.82%	0.92%		0.82%	0.92%	\$10,876	\$8,285	\$19,161	\$549	\$9,392	\$1,259	\$21,522	\$1,808	\$30,914		\$20,969	\$50,075
Everett	104,100	104,100	3	1	2.08%	2.34%		2.08%	2.34%	\$10,876	\$21,086	\$31,963	\$549	\$9,392	\$3,204	\$54,778	\$3,754	\$64,170		\$35,716	\$96,133
Granite Falls	3,375	3,375	3	1	0.07%	0.08%		0.07%	0.08%	\$10,876	\$684	\$11,560	\$549	\$9,392	\$104	\$1,776	\$653	\$11,168		\$12,213	\$22,728
Lake Stevens	26,670	26,670	3	1	0.53%	0.60%		0.53%	0.60%	\$10,876	\$5,402	\$16,279	\$549	\$9,392	\$821	\$14,034	\$1,370	\$23,426		\$17,649	\$39,705
Lynnwood	36,160	36,160	3	1	0.72%	0.81%		0.72%	0.81%	\$10,876	\$7,325	\$18,201	\$549	\$9,392	\$1,113	\$19,028	\$1,662	\$28,420		\$19,863	\$46,621
Marysville	58,040	58,040	3	1	1.16%	1.31%		1.16%	1.31%	\$10,876	\$11,757	\$22,633	\$549	\$9,392	\$1,787	\$30,541	\$2,336	\$39,933		\$24,969	\$62,566
Mill Creek	18,700	18,700	3	1	0.37%	0.42%		0.37%	0.42%	\$10,876	\$3,788	\$14,664	\$549	\$9,392	\$576	\$9,840	\$1,125	\$19,232		\$15,789	\$33,896
Monroe	16,680	16,680	3	1	0.33%	0.38%		0.33%	0.38%	\$10,876	\$3,379	\$14,255	\$549	\$9,392	\$513	\$8,777	\$1,063	\$18,169		\$15,318	\$32,424
Mountlake Terrace	20,960	20,960	3	1	0.42%	0.47%		0.42%	0.47%	\$10,876	\$4,246	\$15,122	\$549	\$9,392	\$645	\$11,029	\$1,195	\$20,421		\$16,317	\$35,543
Mukilteo	20,150	20,150	3	1	0.40%	0.45%		0.40%	0.45%	\$10,876	\$4,082	\$14,958	\$549	\$9,392	\$620	\$10,603	\$1,170	\$19,995		\$16,128	\$34,953
Snohomish	9,320	9,320	3	1	0.19%	0.21%		0.19%	0.21%	\$10,876	\$1,888	\$12,764	\$549	\$9,392	\$287	\$4,904	\$836	\$14,296		\$13,600	\$27,061
<b>Thurston</b>		\$57,988																			
Unincorporated	140,100	140,100	3	1	2.81%	3.15%		2.81%	3.15%	\$10,876	\$28,379	\$39,255	\$549	\$9,392	\$4,312	\$73,722	\$4,862	\$83,114		\$44,117	\$122,369
Lacey	40,130	40,130	3	1	0.80%	0.90%		0.80%	0.90%	\$10,876	\$8,129	\$19,005	\$549	\$9,392	\$1,235	\$21,117	\$1,785	\$30,509		\$20,790	\$49,514
Olympia	45,500	45,500	3	1	0.91%	1.02%		0.91%	1.02%	\$10,876	\$9,216	\$20,093	\$549	\$9,392	\$1,401	\$23,942	\$1,950	\$33,335		\$22,043	\$53,427
Tumwater	16,770	16,770	3	1	0.34%	0.38%		0.34%	0.38%	\$10,876	\$3,397	\$14,273	\$549	\$9,392	\$516	\$8,825	\$1,066	\$18,217		\$15,339	\$32,490
<b>Whatcom</b>		\$46,188																			
Unincorporated	85,246	85,246	2	1	1.71%	1.92%		1.71%	1.92%	\$10,876	\$17,267	\$28,144	\$549	\$9,392	\$2,624	\$44,857	\$3,173	\$54,249		\$31,317	\$82,393
Bellingham	77,550	77,550	2	1	1.55%	1.74%		1.55%	1.74%	\$10,876	\$15,708	\$26,585	\$549	\$9,392	\$2,387	\$40,807	\$2,936	\$50,200		\$29,521	\$76,784
Ferndale	11,210	11,210	2	1	0.22%	0.25%		0.22%	0.25%	\$10,876	\$2,271	\$13,147	\$549	\$9,392	\$345	\$5,899	\$894	\$15,291		\$14,041	\$28,438
Totals WWA	4,993,606	4,993,606			100.00%			100.00%		\$1,011,500	\$1,011,500	\$2,023,000								\$2,227,000	\$5,443,200
Total PS		4,444,341		89%		100.00%		100.00%					\$45,600	\$779,550	\$136,800	\$2,338,650	\$182,400	\$3,118,200			
Total SW		549,265		11%			100.00%		100.00%										\$5,400	\$75,500	\$16,200
Phase I WWA		2,215,237		44%																	
Phase II WWA		2,778,369		56%																	
Phase I PS		2,002,335		45%																	
Phase II PS		2,442,006		55%																	
Phase I SW		212,902		39%																	
Phase II SW		336,363		61%																	
** MHI figures are OFM projections for 2010, at <a href="http://www.ofm.wa.gov/economy/hhinc/default.asp">http://www.ofm.wa.gov/economy/hhinc/default.asp</a> . Projected 2010 MHI for WA State is \$55,379. Three tiers are 1: below \$40K; 2: between \$40K and \$50K; and 3: above \$50K.																					







Attachment 3. Payment Workbook - Option 5A

Puyallup	38,900	38,900	3	1	0.78%	0.88%		0.78%	0.88%	\$5,438	\$11,819	\$17,257	\$330	\$5,635	\$1,357	\$23,199	\$1,687	\$28,834			\$18,944	\$46,092		
Steilacoom	6,300	6,300	3	1	0.13%	0.14%		0.13%	0.14%	\$5,438	\$1,914	\$7,352	\$330	\$5,635	\$220	\$3,757	\$549	\$9,392			\$7,902	\$16,745		
Sumner	9,080	9,080	3	1	0.18%	0.20%		0.18%	0.20%	\$5,438	\$2,759	\$8,197	\$330	\$5,635	\$317	\$5,415	\$646	\$11,050			\$8,843	\$19,247		
Tacoma	204,200	204,200	3	1	4.09%	4.59%		4.09%	4.59%	\$5,438	\$100,961	\$106,399	\$330	\$5,635	\$12,327	\$210,729	\$12,656	\$216,364			\$119,056	\$322,764		
University Place	31,550	31,550	3	1	0.63%	0.71%		0.63%	0.71%	\$5,438	\$9,586	\$15,024	\$330	\$5,635	\$1,101	\$18,815	\$1,430	\$24,451			\$16,455	\$39,475		
<b>Skagit</b>		\$54,548																						
Unincorporated	50,130	50,130	3	1	1.00%	1.13%		1.00%	1.13%	\$5,438	\$15,231	\$20,670	\$330	\$5,635	\$1,749	\$29,896	\$2,078	\$35,531			\$22,748	\$56,201		
Burlington	8,985	8,985	3	1	0.18%	0.20%		0.18%	0.20%	\$5,438	\$2,730	\$8,168	\$330	\$5,635	\$313	\$5,358	\$643	\$10,994			\$8,811	\$19,162		
Anacortes	16,800	16,800	3	1	0.34%	0.38%		0.34%	0.38%	\$5,438	\$5,104	\$10,543	\$330	\$5,635	\$586	\$10,019	\$916	\$15,654			\$11,458	\$26,197		
Mount Vernon	31,020	31,020	3	1	0.62%	0.70%		0.62%	0.70%	\$5,438	\$9,425	\$14,863	\$330	\$5,635	\$1,082	\$18,499	\$1,412	\$24,135			\$16,275	\$38,998		
Sedro-Woolley	10,040	10,040	3	1	0.20%	0.23%		0.20%	0.23%	\$5,438	\$3,051	\$8,489	\$330	\$5,635	\$350	\$5,988	\$680	\$11,623			\$9,169	\$20,112		
<b>Snohomish</b>		\$63,587																						
Unincorporated	300,815	300,815	3	1	6.02%	6.77%		6.02%	6.77%	\$5,438	\$100,961	\$106,399	\$330	\$5,635	\$12,327	\$210,729	\$12,656	\$216,364			\$119,056	\$322,764		
Arlington	17,280	17,280	3	1	0.35%	0.39%		0.35%	0.39%	\$5,438	\$5,250	\$10,689	\$330	\$5,635	\$603	\$10,305	\$932	\$15,941			\$11,621	\$26,629		
Brier	6,490	6,490	3	1	0.13%	0.15%		0.13%	0.15%	\$5,438	\$1,972	\$7,410	\$330	\$5,635	\$226	\$3,870	\$556	\$9,506			\$7,966	\$16,916		
Edmonds	40,900	40,900	3	1	0.82%	0.92%		0.82%	0.92%	\$5,438	\$12,427	\$17,865	\$330	\$5,635	\$1,427	\$24,392	\$1,756	\$30,027			\$19,622	\$47,892		
Everett	104,100	104,100	3	1	2.08%	2.34%		2.08%	2.34%	\$5,438	\$31,630	\$37,068	\$330	\$5,635	\$3,632	\$62,082	\$3,961	\$67,717			\$41,029	\$104,785		
Granite Falls	3,375	3,375	3	1	0.07%	0.08%		0.07%	0.08%	\$5,438	\$1,025	\$6,464	\$330	\$5,635	\$118	\$2,013	\$447	\$7,648			\$6,911	\$14,112		
Lake Stevens	26,670	26,670	3	1	0.53%	0.60%		0.53%	0.60%	\$5,438	\$8,103	\$13,542	\$330	\$5,635	\$930	\$15,905	\$1,260	\$21,540			\$14,802	\$35,082		
Lynnwood	36,160	36,160	3	1	0.72%	0.81%		0.72%	0.81%	\$5,438	\$10,987	\$16,425	\$330	\$5,635	\$1,261	\$21,565	\$1,591	\$27,200			\$18,016	\$43,625		
Marysville	58,040	58,040	3	1	1.16%	1.31%		1.16%	1.31%	\$5,438	\$17,635	\$23,073	\$330	\$5,635	\$2,025	\$34,613	\$2,354	\$40,249			\$25,427	\$63,322		
Mill Creek	18,700	18,700	3	1	0.37%	0.42%		0.37%	0.42%	\$5,438	\$5,682	\$11,120	\$330	\$5,635	\$652	\$11,152	\$982	\$16,787			\$12,102	\$27,907		
Monroe	16,680	16,680	3	1	0.33%	0.38%		0.33%	0.38%	\$5,438	\$5,068	\$10,506	\$330	\$5,635	\$582	\$9,947	\$912	\$15,583			\$11,418	\$26,089		
Mountlake Terrace	20,960	20,960	3	1	0.42%	0.47%		0.42%	0.47%	\$5,438	\$6,368	\$11,807	\$330	\$5,635	\$731	\$12,500	\$1,061	\$18,135			\$12,867	\$29,942		
Mukilteo	20,150	20,150	3	1	0.40%	0.45%		0.40%	0.45%	\$5,438	\$6,122	\$11,561	\$330	\$5,635	\$703	\$12,017	\$1,033	\$17,652			\$12,593	\$29,213		
Snohomish	9,320	9,320	3	1	0.19%	0.21%		0.19%	0.21%	\$5,438	\$2,832	\$8,270	\$330	\$5,635	\$325	\$5,558	\$655	\$11,193			\$8,925	\$19,463		
<b>Thurston</b>		\$57,988																						
Unincorporated	140,100	140,100	3	1	2.81%	3.15%		2.81%	3.15%	\$5,438	\$42,568	\$48,006	\$330	\$5,635	\$4,887	\$83,551	\$5,217	\$89,187			\$53,223	\$137,193		
Lacey	40,130	40,130	3	1	0.80%	0.90%		0.80%	0.90%	\$5,438	\$12,193	\$17,631	\$330	\$5,635	\$1,400	\$23,932	\$1,730	\$29,568			\$19,361	\$47,199		
Olympia	45,500	45,500	3	1	0.91%	1.02%		0.91%	1.02%	\$5,438	\$13,825	\$19,263	\$330	\$5,635	\$1,587	\$27,135	\$1,917	\$32,770			\$21,180	\$52,033		
Tumwater	16,770	16,770	3	1	0.34%	0.38%		0.34%	0.38%	\$5,438	\$5,095	\$10,534	\$330	\$5,635	\$585	\$10,001	\$915	\$15,636			\$11,448	\$26,170		
<b>Whatcom</b>		\$46,188																						
Unincorporated	85,246	85,246	2	1	1.71%	1.92%		1.71%	1.92%	\$5,438	\$25,901	\$31,339	\$330	\$5,635	\$2,974	\$50,838	\$3,303	\$56,473			\$34,643	\$87,813		
Bellingham	77,550	77,550	2	1	1.55%	1.74%		1.55%	1.74%	\$5,438	\$23,563	\$29,001	\$330	\$5,635	\$2,705	\$46,248	\$3,035	\$51,884			\$32,036	\$80,885		
Ferndale	11,210	11,210	2	1	0.22%	0.25%		0.22%	0.25%	\$5,438	\$3,406	\$8,844	\$330	\$5,635	\$391	\$6,685	\$721	\$12,321			\$9,565	\$21,165		
<b>Totals WWA</b>	4,993,606	4,993,606			100.00%			100.00%		\$505,750	\$1,517,250	\$2,023,000									\$2,227,000	\$5,443,200		
Total PS		4,444,341		89%		100.00%		100.00%					\$27,360	\$467,730	\$155,040	\$2,650,470	\$182,400	\$3,118,200						
Total SW		549,265		11%			100.00%		100.00%										\$3,240	\$45,300	\$18,360	\$256,700	\$21,600	\$302,000
Phase I WWA		2,215,237		44%																				
Phase II WWA		2,778,369		56%																				
Phase I PS		2,002,335		45%																				
Phase II PS		2,442,006		55%																				
Phase I SW		212,902		39%																				
Phase II SW		336,363		61%																				
** MHI figures are OFM projections for 2010, at <a href="http://www.ofm.wa.gov/economy/hhinc/default.asp">http://www.ofm.wa.gov/economy/hhinc/default.asp</a> . Projected 2010 MHI for WA State is \$55,379. Three tiers are 1: below \$40K; 2: between \$40K and \$50K; and 3: above \$50K.																								



