

RESOLUTION NO. 08-549

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF
BLACK DIAMOND, KING COUNTY, WASHINGTON
AUTHORIZING THE MAYOR TO EXECUTE AMENDMENT
#1 TO THE PROFESSIONAL SERVICES AGREEMENT
BETWEEN PACWEST ENGINEERING AND THE CITY OF
BLACK DIAMOND**

WHEREAS, the City Council authorized PacWest to update the City's Water Comprehensive Plan in June 2007 and;

WHEREAS, the Water Comprehensive Plan is nearly complete based on the Land Use Plans that were in place in 2007, and;

WHEREAS, the current Land Use Plan under consideration by the Council and anticipated by the major developers within the City has changed substantially and;

WHEREAS, the City will need guidance for the proper planning for the water utility that will match the land use and;

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF BLACK DIAMOND, WASHINGTON, DOES RESOLVE AS FOLLOWS:

Section 1. The Mayor is hereby authorized to execute Amendment #1 to the Professional Service Agreement between PacWest and the City to update the Water Comprehensive Plan to match our current Land Use Plan, as contained in the form attached hereto as Exhibit A and for a cost not to exceed \$13,565.

PASSED BY THE CITY COUNCIL OF THE CITY OF BLACK DIAMOND, WASHINGTON, AT A REGULAR MEETING THEREOF, THIS 16TH DAY OF OCTOBER, 2008.

CITY OF BLACK DIAMOND:


Howard Botts, Mayor

Attest:


Brenda L. Streepy, City Clerk

October 2, 2008



City of Black Diamond
Seth Boettcher, PE
Public Works Director
24301 Roberts Drive
Black Diamond, WA 98010

RE: Proposed Contract Amendment for the Water System Plan Update

Dear Mr. Boettcher:

PacWest Engineering prepared an updated Water System Plan for the City of Black Diamond which was submitted to the Department of Health in June. Comments have been received from DOH and we sat down with the City to review these comments prior to incorporating these changes into the plan.

As part of that discussion, the City has indicated that they would like to include updated population forecasts and land use data in the water system plan. The City has recently completed significant efforts on the update of their Comprehensive Plan. It is the City's desire that the Water System Plan be consistent with the Comprehensive Plan. The information that is included in the Comprehensive Plan was not available at the time when the draft Water System Plan was prepared.

This will require significant revisions to the draft Water System Plan, thus the City and PacWest Engineering reached the mutual decision that a contract amendment would be appropriate as these services were not included in the original Water System Plan contract. Therefore, we respectfully submit this proposed scope of services and costs for a contract amendment.

SCOPE OF SERVICES

Task 1 – Project Management & Coordination

PacWest Engineering will provide general project management services. PacWest Engineering will attend meetings with the City and other agencies as required in order to produce a revised Water System Plan that meets applicable regulations and serves the needs of the City.

Task 2 – Water System Modeling & Analysis

PacWest Engineering will revise the water system model that has been developed to reflect the updated population forecasts and corresponding water demands. This will require a significant effort to revise the demand nodes within the model, as well as to reflect these changes to each of the eight scenarios that have been analyzed (current conditions, years 1-6, and year 20). We will also incorporate the updated land use map into the document. This will affect the proposed fire flow demands that have been included in the model. PacWest Engineering will analyze the updated model and will revise the proposed capital improvement projects that will be needed to address the updates. It is anticipated that there may be significant changes to the proposed capital improvement program to accommodate newly proposed commercial areas in town, as the current draft Water System Plan assumes primarily residential development for all future development.

Task 3 – Updates to the Draft Water System Plan

PacWest Engineering will incorporate the results of the updated water system modeling and analysis into the draft Water System Plan for resubmittal to the Department of Health. This will require

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PACWEST ENGINEERING LLC

City of Black Diamond - Proposal for Water System Plan Contract Amendment

Pg 1 of 2

modifications to many sections of the plan, including, but not limited to: Chapter 3 – Basic Planning Data & Water Demand; Chapter 4 – System Analysis; Chapter 9 – Improvement Program; and Chapter 10 – Financial Program. The updating modeling will also require revisions to the maps included in the plan, as well as to the modeling spreadsheets included throughout the plan document.

PacWest Engineering will also develop a policy regarding how the City responds to request for new water service. This is part of the 'duty to serve' requirement established by the Municipal Water Law.

Task 4 – Updates to Water Rate Study

Modifications to the proposed Capital Improvement Program and planned six year financial program may affect the Water Rate Study that has recently been completed. PacWest Engineering will update this water rate study. Costs associated with the revised water rate study will be covered under our existing budget for that contract and will not require additional professional fees beyond our existing water rate study contract.

PROJECT SCHEDULE

The Department of Health has requested that resubmittal of the plan occur by or before December 15, 2008. This will require PacWest Engineering to begin working on these changes as soon as possible. Additionally, these changes may affect the proposed water rates and we would like to provide an updated study with sufficient time for Council adoption to still meet a January 1st implementation date. This will require us to begin making these changes immediately. PacWest Engineering is prepared to begin work immediately on this scope of services following approval of this contract amendment and receipt of updated land use and population forecast data.

PROJECT BUDGET

PacWest Engineering proposes to complete the above scope of services per the attached cost breakdown spreadsheet. Reimbursable items (i.e. copies of the plan) will be provided at cost + 10%. These costs have not been included in the project budget as it is unknown at this time the number of copies that reviewing agencies may want to receive.

All application and review fees will be the responsibility of the client. Any services not specifically covered in this proposal that are required for completion of the project, are not included in this proposal. PacWest will be pleased to provide any additional services on an hourly basis.

Thank you for the opportunity to submit this proposal. If you have any questions, please contact me at (253) 926-3400 x 433.

Sincerely,



Leonard L. Smith, PE/PLS
President

**City of Black Diamond
Water System Plan - Contract Amendment**

PacWest Engineering							
	Leonard L. Smith, PE/PLS	Christine Smith, PE	Tobias Mollet, LSIT	Hrs	Subtotal	Administrative Expenses *	Total ***
Hourly Rate	\$145	\$125	\$85				
Task 1 – Project Management & Coordination	10	0	0	10	\$1,450	\$75	\$1,525
Task 2 – Water System Modeling & Analysis	10	40	0	50	\$6,450	\$325	\$6,775
Task 3 - Updates to the Draft Water System Plan	8	24	10	42	\$5,010	\$255	\$5,265
Task 4 - Updates to Water Rate Study **	0	0	0	0	\$0	\$0	\$0
TOTAL PROJECT HOURS	28	64	10	102	-	-	-
TOTAL PROJECT COST	\$4,060	\$8,000	\$850	-	\$12,910	\$655	\$13,565
PERCENTAGE OF TOTAL HOURS	27%	63%	10%				
		100%					

*Note: Administrative Expenses are calculated at 5% of the budget and include costs for Administrative staff, miscellaneous photocopies, telephone charges, printing, etc.

**PacWest Engineering will complete the revisions to the Water Rate Study under our current Water Rate Study contract. Additional fees for professional services will not be necessary for this task.

***Reimbursable Items (i.e. copies of the plan) will be billed at Cost + 10% and are not included in the total amount shown below.

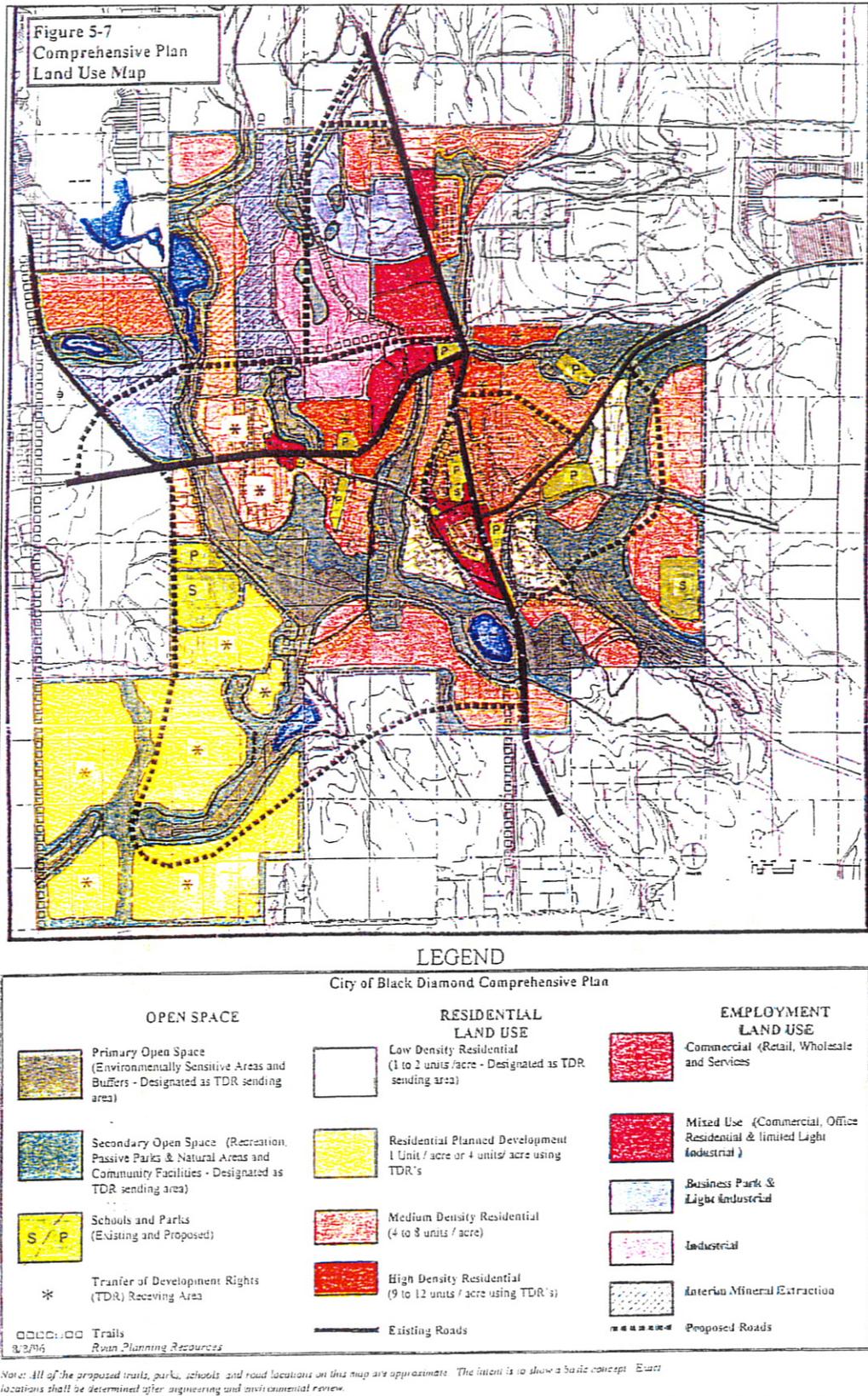


Figure 2.7, Land Use