

**RESOLUTION NO. 09-599**

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BLACK DIAMOND, KING COUNTY, WASHINGTON, AUTHORIZING THE MAYOR TO EXECUTE AMENDMENT No. 1 TO PACWEST CONTRACT FOR THE SEWER COMPREHENSIVE PLAN ADDING SEWER SYSTEM MAPPING AND HYDRAULIC MODELING.**

**WHEREAS**, a contract with PacWest for the development of the Sewer System Comprehensive plan was approved on February 5<sup>th</sup> 2009; and

**WHEREAS**, an accurate comprehensive sewer system map that will provide the sewer system location information for the City's Geographical Information System will be valuable in providing easy reference to sewer information for the City and the private sector; and

**WHEREAS**, the hydraulic modeling information will assist the City with making good capital project planning decisions; and

**WHEREAS**, the sewer utility has adequate cash reserves to fund the additional work;

**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 contract Amendment No. 1 with PacWest Engineering LLC, attached hereto as Exhibit A, for sewer system mapping and modeling in the amount of \$31,103.

**PASSED BY THE CITY COUNCIL OF THE CITY OF BLACK DIAMOND, WASHINGTON, AT A REGULAR MEETING THEREOF, THIS 7<sup>TH</sup> DAY OF MAY, 2009.**

CITY OF BLACK DIAMOND:

  
\_\_\_\_\_  
Howard Botts, Mayor

Attest:

  
\_\_\_\_\_  
Brenda L. Streepy, City Clerk

**Amendment #1 to Professional Services Agreement between  
PacWest Engineering, LLC and the City of Black Diamond**

This Professional Services Agreement Amendment is dated May 7, 2009 and is entered into by and between:

**CITY OF BLACK DIAMOND, WASHINGTON** (the "City")

24301 Roberts Drive  
Black Diamond, WA 98010  
Contact: Seth Boettcher, Public Works Director  
Phone: 360-886-2560 Fax : 360-886-2592

and

**PACWEST ENGINEERING, LLC** ("Consultant")

5009 Pacific Highway E., Suite 9-0  
Fife, WA 98424  
Contact: Leonard Smith, PE/PLS  
Phone: 253-926-3400 Fax: 253-926-3402

This amendment authorizes the preparation of the Black Diamond Sewer Comprehensive Plan Update by PacWest Engineering for the City of Black Diamond to include:

- Sanitary sewer model;
- Sanitary sewer data collection.

Project budget not to exceed \$31,103.

CITY OF BLACK DIAMOND

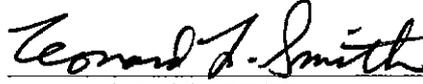
By: 

Howard Botts

Its: Mayor

Date: 5-08-09

CONSULTANT

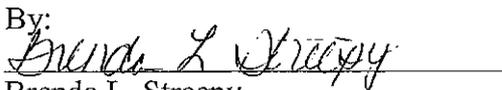
By: 

Leonard Smith, PE/PLS

President

Date: 5-22-09

Attest:

By: 

Brenda L. Streepy

City Clerk



## Black Diamond General Sewer Plan Scope of Work

### EXHIBIT C - Sanitary Sewer Comprehensive Plan Scope Amendment

April 23, 2009

#### AMENDMENT TO THE SCOPE OF SERVICES

PacWest Engineering has proposed the following amendment to the scope of services for the preparation of an Update to the City's General Sewer Plan for the City of Black Diamond. The following are additional scope of services tasks to be provided for completion of this project:

#### Task 9 – Sanitary Sewer Model

PacWest Engineering will provide a hydraulic model of the existing sanitary sewer system within the City of Black Diamond. Information for the model will be based on both collected field data and the as-builts of the system provided by the City. All input and output files for the model will be provided to the City upon request.

#### Task 10 – Sanitary Sewer Data Collection

PacWest Engineering will base the hydraulic modeling described in Task 9 on existing as-built information provided by the City and information obtained through the use of GPS data collection. PacWest Engineering will visit each manhole in the City and tie its location using GPS.

#### BUDGET

PacWest Engineering proposes to complete the additional scope tasks per the attached cost breakdown spreadsheet for the fixed fee amount of \$31,103.

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.

Submitted By:

A handwritten signature in cursive script that reads 'Leonard L. Smith'.

Leonard L. Smith, PE/PLS  
President

**City of Black Diamond  
General Sewer Plan Update**

PacWest Engineering									
	Leonard L. Smith, PE/PLS	Christine Smith, PE	Erik Martin, PE	Engineering Technician	Hrs	Cost	Admin (5%)	Expenses	Total
Hourly Rate	\$145	\$125	\$125	\$70					
Task 9 – Sanitary Sewer Model	37	12	60		109	\$14,365	\$718	\$0	\$15,083
Task 10 – Sanitary Sewer Data Collection	4		7	195	206	\$15,105	\$755	\$160	\$16,020
<b>TOTAL PROJECT HOURS</b>	41	12	67	195	315				
<b>TOTAL PROJECT COST</b>	\$5,945	\$1,500	\$8,375	\$13,650		\$29,470	\$1,474	\$160	\$31,103
<b>PERCENTAGE OF TOTAL HOURS</b>	13%	4%	21%	62%					
				100%					