

**Cascade Natural Gas Corporation**  
**Washington Utilities and Transportation Commission**  
**WUTC v. Cascade Natural Gas Corporation (2017 General Rate Case)**  
**Docket UG-170929**

**Request No. 93**

Date prepared: December 11, 2017

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**UTC STAFF DATA REQUEST NO. 93:**  
**RE: MAOP Deferral**

In the company's response to UTC Staff Data Request No. 68, the company responded with actual spending amounts to date and with the following estimates for 2017:

KIEFNER AND ASSOCIATES INC – A	\$40,000*	Material Testing, 8" Bellingham Line, 8" Attalia Line, 6" Wenatchee Line, and 12" Grandview Rd Line
SNELSON COMPANIES INC	\$100,000*	MAOP Validation on 16" North Whatcom Valve Settings and 12" Grandview Rd. Line
PARAMETRIX INC	\$400,000*	In-situ testing for determination of MAOP data gaps.

- a. Have any of these contractors begun work on the described projects?
- b. If so, please provide the start date for each project.
- c. If so, please provide the expected completion date for each.
- d. If the work on the projects has not begun, please provide the projected start date.
- e. Please provide any estimates, contracts, or statements of work validating the estimated amounts.
- f. Please identify any type and amount spent to bring post code into compliance.

**Response:**

- a. Yes, all three contractors listed above have begun work, have recently completed, or are currently working on the projects described above.
- b. Parametrix began work for in-situ testing in January, Kiefner and Associates started performing material testing in June, and Snelson started work in October.

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- c. Work Parametrix is performing is ongoing and will continue into 2018. Parametrix has completed 2017 work and are currently working on preparations for 2018 testing.

Kiefner and Associates has completed material testing on the 8” Bellingham and 8” Attalia Lines. Kiefner and Associates are currently performing testing on the 6” Wenatchee and 12” Grandview Rd. Lines and work should be completed by the end of December.

Snelson completed the work on the 16” North Whatcom and 12” Grandview Rd. Lines in November.

- d. All work has begun.
- e. Parametrix – Copy of 2017 contract attached. Estimated cost is \$390,326.03. Currently \$344,222.29 in costs have been completed and invoiced.

Snelson – Statement of work attached for the 12” Grandview Rd. Line. Estimate based on rates outline in time and materials contract with Snelson for MAOP validation work. Project has been completed and Snelson has indicated estimated project costs will be between \$50,000 - \$60,000. Estimate includes \$535.67 in actual costs for work completed on the 16” North Whatcom Line.

Kiefner and Associates – Estimate is based on attached proposal and costs already accrued. Currently Kiefner has completed \$24,644.50 for the testing on the 8” Bellingham and 8” Attalia line. Material testing costs are approximately \$9,115 per sample. Kiefner is currently in the process of testing 3 more samples, estimated cost for the remaining testing is approximately \$18,000.

- f. Current costs spent on bringing post code into compliance.

ABI SERVICES, LLC	\$193,925.56
BROTHERS PIPELINE CORP	\$5,662.84
CITY OF LYNDEN	\$35.00
DAS-CO OF IDAHO	\$591,594.13
MISTRAS GROUP INC	\$452.80
SNELSON COMPANIES INC	\$535.67
WESCO DISTRIBUTION INC	\$386.37
PARAMETRIX INC	\$92,965.79
<b>Total</b>	<b>\$885,558.16</b>