

## Nebraska City Utilities

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This is the final report for Grant agreement DTPH56-09-G-PHPT24. Sorry for the late report it had slipped through my calendar without getting written.

The Remote Methane Leak Detector has been a big asset to our company in conducting gas leak surveys and other leak calls. More area is being covered daily and with the rainy season that we had experienced this summer we needed to take the most advantage of the dry weather we had. Our gas leak survey technician has been able to leak survey over fences or through fences as long as he can stay within the range of the detector. Leaks have been found in houses were he was surveying around the meter set and found gas escaping through a basement window. I feel that we are better serving our ratepayers and with covering more area and keeping our gas loss to a minimum and a safer environment for our communities.

We have been in a couple of manufacturing plants that reported gas odors and with the piping being up high the RMLD worked very well in finding gas leaks in the piping along the ceilings. The RMLD is out and being used daily except for rainy days or a day or two after a big rain event. As far as if we have found more leaks with the RMLD then with a FI unit I would say probably yes just in the fact we are covering more area. I can see that we will be able to survey our complete system in 2 years easily instead of the 5 years it took before. We will start over again and survey it again so we will actually have two surveys complete in the 5 years that is required in 192.723 Distribution Leak Surveys outside Business Districts.

I hope this is the information that is needed in a final report. I have never written one before but if more information is needed I will be happy to supply it. Thanks for the grant and the opportunity to work with the Grant Committee. Thanks again

Tom Liesemeyer  
Gas Superintendent  
Nebraska City Utilities