

Form: 141 Rev. 1

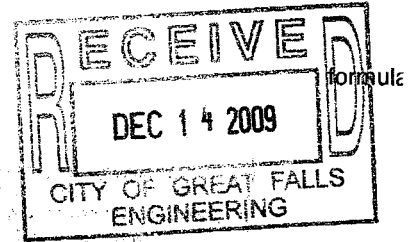


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SEALED RADIOACTIVE SOURCE LEAK TEST REPORT

Company: City of Great Falls Public Works Engineering Dept.

Acct#: 7275

Ref #: S1791-09

Street: 1025 25th Ave NE

City/ST/Zip: Great Falls, MT 59404

Phone: 406-771-1258

Fax:

LT Frequency:

6

Months

TEST INSTRUMENT

Mfg'r:	Ludlum	Model:	3030_2	Serial #:	219696	Cal. Date:	8/7/09
MDA:	<0.005 μ Ci	α efficiency:	>36%	β efficiency:	>38%	Det. Type:	ZnS (Ag)

Qal-Tek Associates certify the above instrument has been calibrated using radioactive standards traceable to NIST, or traceable to calibration facilities for other ISO members, or have been derived from acceptable values of natural/physical constraints, or have been derived by ratio type of calibration techniques. Accuracy of the principal radiation calibration sources used is greater than or equal to the required accuracy of the equipment being calibrated. The Qal-Tek Associates calibration system conforms to ANSI N323-1997. All calibrations are performed in accordance with the Qal-Tek Associates Quality Assurance Management Program (QAMP) by QP-PRO-001, which is available by written request.

LEAK TEST RESULTS

Mfg'r	Model #	Inst. Serial #	Isotope	Activity	net α CPM	net b/g CPM	pass/fail
Seaman	75	2397	RaBe	4.5mCi	0	2	P

Date Sources Leak Tested:
11/30/2009

Next Leak Test Due:
6/1/2010

Qal-Tek Associates certifies that all leak test measurements are performed in accordance with NRC licensee requirements for isotopic detection limits. For this purpose the MDA is below the NRC regulatory limits of <0.005 μ Ci

Monte Pope
Instrument Technician

Monte Pope 12-9-09
Date