

**Troxler Electronic Laboratories, Inc.**

3008 Cornwallis Rd., P.O. Box 12057

Research Triangle Park, NC 27709

Tel: (877) 876-9537 Fax: (866) 391-2759

License: NC 032-0182-1

PAUL MARANO
ADVANCED GEOSERVICES CORP
1055 ANDREW DRIVE
SUITE A
WEST CHESTER, PA 19380

Cust ID: 7010

LEAK TEST CERTIFICATE

DEVICE:**Model:** 3440**Serial No:** 23319**SEALED SOURCES:**

| Serial No. | Measure Date | Nuclide | GBq | mCi |
|------------|--------------|-----------|-------|-----|
| 47-19199 | 02/07/1994 | Am-241:Be | 1.48 | 40 |
| 75-5334 | 03/17/1994 | Cs-137 | 0.296 | 8 |

LEAK TEST ANALYSIS:**Sample collected on:** 12/16/2015**Sample analyzed on:** 12/21/2015 10:33:04 A **Position:** 19**Analyzed by:** EM

| | ALPHA | BETA-GAMMA |
|-------------------------------|----------|------------|
| Conversion factor (cpm/Bq) | 1.25E+01 | 1.97E+01 |
| Background measurement (cpm) | 0 | 24 |
| Sample measurement (cpm) | 0 | 22 |
| Activity (Bq) | < MDA | < MDA |
| Min. Detectable Activity (Bq) | 3.8E-01 | 1.3E+00 |

This certifies that the leak test results are:**Less than 185 Bq (0.005 uCi)****Greater than 185 Bq (0.005 uCi)**

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DEVICE:**Model:** 3440**Serial No:** 26387**SEALED SOURCES:**

| Serial No. | Measure Date | Nuclide | GBq | mCi |
|------------|--------------|-----------|-------|-----|
| 47-22860 | 06/03/1996 | Am-241:Be | 1.48 | 40 |
| 75-9504 | 04/29/1996 | Cs-137 | 0.296 | 8 |

LEAK TEST ANALYSIS:**Sample collected on:** 12/17/2015**Sample analyzed on:** 12/21/2015 12:15:18 P **Position:** 57**Analyzed by:** EM

| | ALPHA | BETA-GAMMA |
|-------------------------------|----------|------------|
| Conversion factor (cpm/Bq) | 1.25E+01 | 1.97E+01 |
| Background measurement (cpm) | 0 | 24 |
| Sample measurement (cpm) | 0 | 25 |
| Activity (Bq) | < MDA | < MDA |
| Min. Detectable Activity (Bq) | 3.8E-01 | 1.3E+00 |

This certifies that the leak test results are:☒ **Less than 185 Bq (0.005 uCi)**☐ **Greater than 185 Bq (0.005 uCi)**

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WEST CHESTER, PA 19380

Cust ID: 7010

LEAK TEST CERTIFICATE

DEVICE:**Model:** 3440**Serial No:** 28634**SEALED SOURCES:**

| Serial No. | Measure Date | Nuclide | GBq | mCi |
|------------|--------------|-----------|-------|-----|
| 47-25737 | 12/05/1997 | Am-241:Be | 1.48 | 40 |
| 77-5321 | 06/28/2006 | Cs-137 | 0.296 | 8 |

LEAK TEST ANALYSIS:**Sample collected on:** 12/16/2015**Sample analyzed on:** 12/21/2015 10:31:52 A **Position:** 18**Analyzed by:** EM

| | ALPHA | BETA-GAMMA |
|-------------------------------|----------|------------|
| Conversion factor (cpm/Bq) | 1.25E+01 | 1.97E+01 |
| Background measurement (cpm) | 0 | 24 |
| Sample measurement (cpm) | 1 | 27 |
| Activity (Bq) | < MDA | < MDA |
| Min. Detectable Activity (Bq) | 3.8E-01 | 1.3E+00 |

This certifies that the leak test results are:☒ **Less than 185 Bq (0.005 uCi)**☐ **Greater than 185 Bq (0.005 uCi)**