



## Borough of Pottstown

City Hall, 241 East King Street  
Pottstown, Pennsylvania 19464  
(215) 326-3100

November 20, 1985

Mr. John D. Kinneman, Chief  
Nuclear Materials Safety Section A  
Division of Radiation Safety & Safeguards  
United States Nuclear Regulatory Commission  
Region 1  
631 Park Avenue  
King of Prussia, PA 19406

Re: Docket #99990001 - General License Inspection Report  
#99990001/85-31

Dear Mr. Kinneman:

In response to your letter of October 9, 1985, and the Appendix A, Notice of Violation, the following actions have been taken in order to achieve compliance.

1. An inspection of the testing device at the Pottstown Waste Treatment Plant has been made and a report of Radiation Management Corporation is enclosed for your consideration. The report concludes that the nuclear device is not leaking.
2. In response to the labeling requirement, a label will be affixed to the device in question in accordance with 10CFR 31.5 Paragraph c, Paragraph 1.

In the future, a comparable examination of the radioactive device will be made at three-year intervals.

Compliance has been achieved in connection with this violation as of the date of the leak test, November 7, 1985.

Very truly yours,

8512270152 851220  
IE QA799 ELOPOTT  
99990001 PDR

Thomas J. Harwood, Jr.  
Borough Manager

CC: Mr. John Jones, Chief, Sewer Plant Operator  
Mr. Joe Maiorano, P.E., Betts, Converse, Murdock

**RMC**

NUCLEAR SERVICES DIVISION

Radiation Management Corporation, 1455 Schuylkill Road (Route 724), Pottstown, PA 19464, (215) 326-9902

November 7, 1985

Mr. Thomas Harwood  
Borough Manager  
City Hall  
241 East King Street  
Pottstown, PA 19464

**RECEIVED NOV 15 1985**

Dear Mr Harwood:

Please find enclosed the report regarding the results of the sealed source leak test performed on November 7, 1985 at the Borough of Pottstown Sewage Treatment Plant.

Our findings revealed less than 0.005 micro Curies of removable contamination per sample. This is an acceptable result and the source is not leaking. Also you will note that we performed an external gamma survey of the source. The results are noted on the side view diagram. Along with the report is a Radioactive Material label.

Information concerning disposal of the source may be obtained from the following corporation:

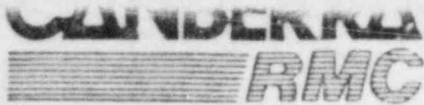
Teledyne Isotopes  
50 Van Buren Avenue  
Westwood, NJ 07675  
(201) 664 - 7070

If you have any questions regarding this report or if we can be of any further assistance, please do not hesitate to call.

Sincerely,

Wayne D. Vogel  
Manager, NSD

cc John Tamborero  
Andrew Levine



## SEALED SOURCE LEAK TEST REPORT

Rev. \_\_\_\_\_

Date 11-7-85Date of Leak Test: 11/7/85Identification of Source: Cs-137 Gamma Source 200mCiDescription of Source: Kay Ray 3600 EExternal Survey (if required): See Side View diagramSurvey Instrument: 1100 R/E 1000 R/T 1/2 + 1000 R/T 1/2 + 1000 R/T 1/2mR/hr or cpm at surface: See Side View diagrammR/hr or cpm at 1 meter: 0.000 mR/hr at around the sourceEfficiency of Counting Standard: 2002.0Lower Limit of Detection: 0.000 mR/hrBackground cpm: 35.2Gross cpm of sample: See attached formNet dpm of sample: See attached formSource is: Leaking. ☒ Not Leaking.Next Leak Test Due: 11-7-88Andrew Levine

Tested by

Action: None necessaryCertified by Radiation Safety Officer: C, E, M: SeeDate: 13 November 1985

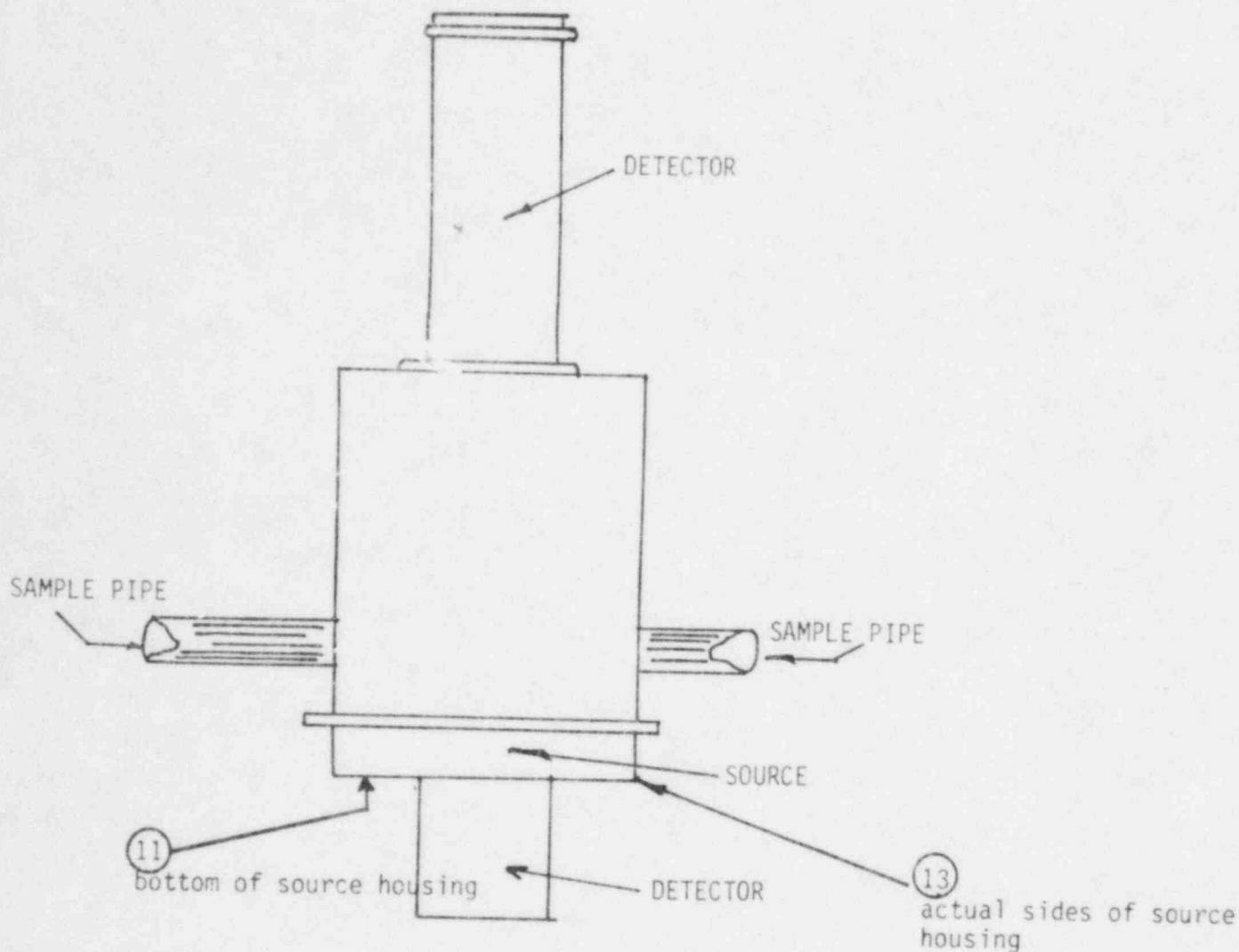
## DATA FORM

$MDR = 3.0054 \text{ g/L sample}$

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SIDE VIEW

## NOTES:

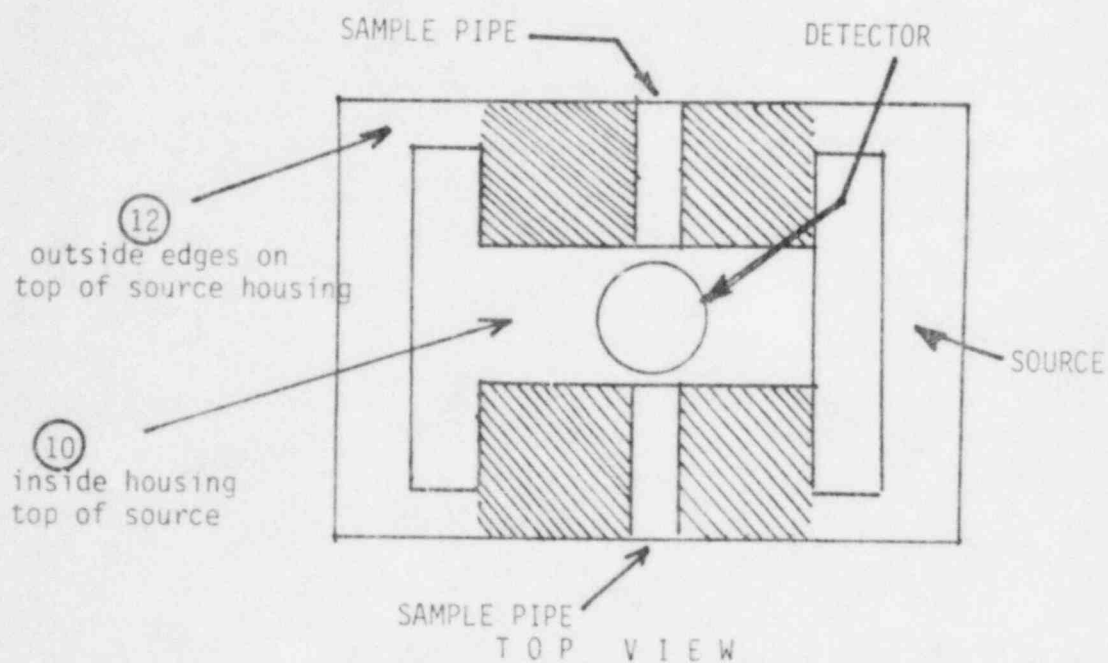
- 1) Rust is present on various spots around the source fixture
- 2) Background radiation level (beta/gamma) is 0.02mR/hr
- 3) Source external radiation readings in store position:
  - 1.4 mR/hr on sides
  - 4.6 mR/hr on bottom
  - 3.4 mR/hr on top
- 4) Identification plate on source housing is illegible.



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HASH AREA DENOTES OPENING FOR PIPE ENTRANCE AND EXIT