

Radiation Protection Program Fee and Program Cost Analysis Report

Environmental Quality Board
12/9/2025





Statutory Requirements

- **Radiation Protection Act** (35 P.S. §§ 7110.102 & 7110.401)
 - Protect the public from unnecessary and harmful exposure from radioactive materials and radiation sources
 - “...set reasonable annual fees for the registration of radiation sources and the licensing of radiation source users.”
- **Radon Certification Act** (63 P.S. §§ 2001 & 2008)
 - Create certification program for radon testing and remediation to protect property owners
 - “...establish a fee schedule to cover the costs of the certification...”

Regulatory Requirements

25 Pa. Code § 218.11(I) and Chapter 240 Appendix A:

“The Department will review the adequacy of the fees established in this section at least once every 3 years and provide a written report to the EQB. The report must identify any disparity between the amount of program income generated by the fees and the costs to administer these programs and must contain recommendations to increase fees to eliminate the disparity, including recommendations for regulatory amendments to increase program fees.”



Program Activities

- **Radiation-Producing Machine Registration and Inspection Program**
 - Registration and inspection of radiation-producing machines
 - License and inspect accelerators
 - Registration of vendors
- **Radioactive Material Licensing and Inspection**
 - License and inspection of radioactive material users and decontamination and decommissioning activities
 - Issue specific, general and reciprocity licenses for the use of radioactive material

Program Activities

- **Decommissioning**

- Perform technical and onsite reviews for radioactive material license terminations
- Collect environmental samples and measure radiation/radioactivity levels on decommissioning projects during investigation and release surveys
- Participate and assist in inspections of any active federal radiological site cleanups in Pennsylvania

- **Radon**

- Certify radon laboratories, mitigators, and testers
- Inspect service providers' installations, testing and program documentation
- Perform ongoing outreach activities

Revenue vs. Expenses – Radiation-Producing Machines

In thousands
of dollars.
Also assumes
current fee
rates.

	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
Beginning Balance	\$2,817	\$2,452	\$1,550	\$1,005	\$739	\$149	(\$753)	(\$1,982)	(\$3,552)
Fee Collection	\$4,414	\$5,082	\$5,792	\$5,856	\$5,856	\$5,856	\$5,856	\$5,856	\$5,856
Fines and Penalties	\$52	\$54	\$48	\$0	\$0	\$0	\$0	\$0	\$0
MQSA Contract	\$700	\$625	\$615	\$668	\$668	\$668	\$668	\$668	\$668
Total Revenue	\$5,166	\$5,761	\$6,455	\$6,524	\$6,524	\$6,524	\$6,524	\$6,524	\$6,524
Program Costs	\$5,531	\$6,663	\$7,000	\$6,790	\$7,114	\$7,426	\$7,753	\$8,094	\$8,450
Ending Balance	\$2,452	\$1,550	\$1,005	\$739	\$149	(\$753)	(\$1,982)	(\$3,552)	(\$5,478)

Revenue vs. Expenses – Radioactive Materials Licensing

In thousands
of dollars.
Also assumes
current fee
rates.

	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
Beginning Balance	\$3,541	\$3,088	\$2,558	\$2,218	\$1,465	\$491	(\$713)	(\$2,159)	(\$3,855)
Fee Collection	\$3,505	\$3,787	\$4,178	\$4,175	\$4,350	\$4,350	\$4,350	\$4,350	\$4,350
Fines and Penalties	\$73	\$189	\$13	\$0	\$0	\$0	\$0	\$0	\$0
Cost Recovery	\$0	\$11	\$2	\$0	\$0	\$0	\$0	\$0	\$0
Total Revenue	\$3,578	\$3,976	\$4,193	\$4,175	\$4,350	\$4,350	\$4,350	\$4,350	\$4,350
Program Costs	\$4,031	\$4,517	\$4,533	\$4,928	\$5,324	\$5,554	\$5,795	\$6,047	\$6,310
Ending Balance	\$3,088	\$2,558	\$2,218	\$1,465	\$491	(\$713)	(\$2,159)	(\$3,855)	(\$5,815)

Revenue vs. Expenses – Radon

In thousands of dollars.
Also assumes current fee rates.

	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
Beginning Balance	\$1,168	\$926	\$560	\$0	(\$681)	(\$1,423)	(\$2,225)	(\$3,089)	(\$4,018)
Fee Collection	\$757	\$637	\$679	\$600	\$600	\$600	\$600	\$600	\$600
Fines and Penalties	\$18	\$6	\$2	\$0	\$0	\$0	\$0	\$0	\$0
SIRG†	\$345	\$512	\$423	\$329	\$0	\$0	\$0	\$0	\$0
Total Revenue	\$1,120	\$1,155	\$1,104	\$929	\$600	\$600	\$600	\$600	\$600
Program Costs	\$1,362	\$1,521	\$1,664	\$1,610	\$1,342	\$1,402	\$1,464	\$1,529	\$1,597
Ending Balance	\$926	\$560	\$0	(\$681)	(\$1,423)	(\$2,225)	(\$3,089)	(\$4,018)	(\$5,015)



Factors Impacting Expenses

- Salary and benefit increases for program and support staff (22.1% in current master agreement)
- Increased rates of IT consulting and services
- Increased equipment costs
- Increased laboratory costs



Cost Saving Initiatives

- Previously outsourced printing now done internally
- Developing multi-year service contracts with vendors to avoid annual cost increases
- Modernization initiative to improve efficiencies for inspecting, invoicing, and collecting online payments for radiation-producing machine registrants
- Exploring GPS technologies to improve inspection schedule efficiency for reduced vehicle costs



Summary

- Current fees are inadequate to cover the operation of the Radiation-producing Machines, Radioactive Materials, and Radon programs
- The Department recommends a proposed rulemaking to address the disparity between fee collection and program costs for all three categories

Questions?

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The Department of Environmental Protection's mission is to protect Pennsylvania's air, land and water resources and to provide for the health and safety of its residents and visitors, consistent with the rights and duties established under the Environmental Rights Amendment (Article 1, Section 27 of the Pennsylvania Constitution).