



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION



Office of Waste, Air, Radiation & Remediation

Radiation Protection Program Three-Year Regulatory Fee and Program Cost Analysis Report

Environmental Quality Board Meeting

June 18, 2019

Tom Wolf, Governor

Patrick McDonnell, Secretary

Statutory Requirements

Radiation Protection Act

Act 147-1984 (as amended by Act 190-2014)

“...set reasonable annual fees for the registration of radiation sources and the licensing of radiation source users.”

Radon Certification Act

Act 43-1987

“...establish a fee schedule to cover the costs of certification”

Regulatory Requirements

25 Pa. Code Chapter 218 § 218.11(l) and Chapter 240 App. 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.”

Fee Related Program Activities

- **Radiation-Producing Machines (X-ray)**
 - X-ray machines
 - Accelerators
 - Vendor Installers
- **Radioactive Materials (RAM)**
 - Specific Licenses
 - General Licenses
 - Reciprocity Licenses
- **Decommissioning**
- **Radon**

Fee Related Activities: Machines

- Radiation-Producing Machines (X-ray) – **No Fee Increase Necessary**
 - X-ray
 - Accelerators
 - Vendors
- Registration, licensing, inspection, and outreach

Revenue and Program Cost Projections

Accelerator, X-ray, and Vendors

	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
Current Available Funds	--	--	--	\$3,822	\$3,585	\$3,186	\$2,627
Fee Collection*	\$4,439	\$4,367	\$4,202	\$4,400	\$4,400	\$4,400	\$4,400
Fines and Penalties*	\$165	\$183	\$82	\$125	\$125	\$125	\$125
MQSA Contract*	\$400	\$456	\$298	\$400	\$400	\$400	\$400
Total Revenue*	\$5,004	\$5,006	\$4,582	\$4,925	\$4,925	\$4,925	\$4,925
Program Costs*	\$4,485	\$4,503	\$4,572	\$5,162	\$5,324	\$5,484	\$5,648

*In thousands of dollars; assumes current fee rates; includes MQSA reimbursements, fines and penalties.

Fee Related Activities: Materials

- RAM
 - Specific Licenses
 - General Licenses
 - Reciprocity Licenses
 - Licensing, inspection, and outreach
- Decommissioning
 - Confirmatory surveys for licensees
 - Financial Assurance verification
 - Support to federal partners (e.g., U.S. ACE and EPA)
 - Full Cost recovery from licensees billed at the current professional fee of \$225/hour

➤ Fee Related Activities: Materials (cont.)

- Radioactive Materials & Decommissioning – ***No Fee Increase Necessary***

Revenue and Program Cost Projections

Radioactive Materials Licensing

	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
Current Funds Available	--	--	--	\$4,091	\$4,902	\$5,605	\$6,172
Fee Collection*	\$2,869	\$3,063	\$3,553	\$5,100	\$5,100	\$5,100	\$5,100
Bond Forfeiture/Cost Recovery*	\$231	\$86	\$546	\$25	\$25	\$25	\$25
Fines and Penalties*	\$120	\$132	\$80	\$125	\$125	\$125	\$125
Total Revenue*	\$3,220	\$3,281	\$4,179	\$5,250	\$5,250	\$5,250	\$5,250
Program Costs*	\$3,514	\$3,806	\$3,402	\$4,439	\$4,547	\$4,683	\$4,824

* In thousands of dollars.

Fee Related Activities: Radon

- Radon
 - Certifying radon laboratories, mitigators and testers.
 - Performing routine inspections of mitigation installations, mitigation offices, testing, and laboratory facilities.
 - Performing blind testing on radon detection devices and labs.
 - Providing diagnostic services to homeowners and requesting mitigators on difficult-to-remediate houses.
 - Providing “Hot Spot” surveys in areas of high radon activity.
 - Implementing the EPA State Indoor Radon Grant (SIRG).
 - Providing free confirmatory testing to homeowners who have installed active mitigation systems and to homes with radon levels greater than 100 pCi/L.

Fee Related Activities: Radon (cont.)

- Radon
 - Developing and maintaining databases for calculations, tracking data, and surveys; managing databases with IT for certification tracking.
 - Providing a wide variety of public information services to increase public awareness of the radon issue.
 - Technical staff provide unbiased and expert advice on all aspects of radon to the general public.
 - Performing radon related research projects and contributing technical information to the radon industry.

Fee Related Activities: Radon (cont.)

- Radon – *No Fee Increase Necessary*

Revenue and Program Cost Projections

Radon Program

	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
Current Funds Available	--	--	--	\$976	\$874	\$731	\$546
Fee Collection*	\$181	\$190	\$568	\$773	\$773	\$773	\$773
Fines and Penalties*	\$60	\$63	\$49	\$50	\$50	\$50	\$50
SIRG **	\$321	\$354	\$371	\$429	\$429	\$429	\$429
Total Revenue*	\$562	\$607	\$988	\$1,252	\$1,252	\$1,252	\$1,252
Program Costs*	\$1,418	\$1,271	\$1,207	\$1,354	\$1,395	\$1,437	\$1,480

* In thousands of dollars. ** State Indoor Radon Grant (SIRG)

Summary

- **Current fees will continue to be adequate to cover costs in all program areas through FY2021/22.**
- Nuclear Power Plant fees are reviewed and addressed with the utilities every three years per the Radiation Protection Act.
- If fees are not adequate to cover program costs, a regulatory revision packaged for the specific program area(s) will be developed and presented to EQB in the coming years.



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