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

Environmental Quality Board Meeting
June 18, 2019

Tom Wolf, Governor  Patrick McDonnell, Secretary
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”
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

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Available Funds</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>$3,822</td>
<td>$3,585</td>
<td>$3,186</td>
<td>$2,627</td>
</tr>
<tr>
<td>Fee Collection*</td>
<td>$4,439</td>
<td>$4,367</td>
<td>$4,202</td>
<td>$4,400</td>
<td>$4,400</td>
<td>$4,400</td>
<td>$4,400</td>
</tr>
<tr>
<td>Fines and Penalties*</td>
<td>$165</td>
<td>$183</td>
<td>$82</td>
<td>$125</td>
<td>$125</td>
<td>$125</td>
<td>$125</td>
</tr>
<tr>
<td>MQSA Contract*</td>
<td>$400</td>
<td>$456</td>
<td>$298</td>
<td>$400</td>
<td>$400</td>
<td>$400</td>
<td>$400</td>
</tr>
<tr>
<td>Total Revenue*</td>
<td>$5,004</td>
<td>$5,006</td>
<td>$4,582</td>
<td>$4,925</td>
<td>$4,925</td>
<td>$4,925</td>
<td>$4,925</td>
</tr>
<tr>
<td>Program Costs*</td>
<td>$4,485</td>
<td>$4,503</td>
<td>$4,572</td>
<td>$5,162</td>
<td>$5,324</td>
<td>$5,484</td>
<td>$5,648</td>
</tr>
</tbody>
</table>

*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

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Funds Available</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>$4,091</td>
<td>$4,902</td>
<td>$5,605</td>
<td>$6,172</td>
</tr>
<tr>
<td>Fee Collection*</td>
<td>$2,869</td>
<td>$3,063</td>
<td>$3,553</td>
<td>$5,100</td>
<td>$5,100</td>
<td>$5,100</td>
<td>$5,100</td>
</tr>
<tr>
<td>Bond Forfeiture/Cost Recovery*</td>
<td>$231</td>
<td>$86</td>
<td>$546</td>
<td>$25</td>
<td>$25</td>
<td>$25</td>
<td>$25</td>
</tr>
<tr>
<td>Fines and Penalties*</td>
<td>$120</td>
<td>$132</td>
<td>$80</td>
<td>$125</td>
<td>$125</td>
<td>$125</td>
<td>$125</td>
</tr>
<tr>
<td>Total Revenue*</td>
<td>$3,220</td>
<td>$3,281</td>
<td>$4,179</td>
<td>$5,250</td>
<td>$5,250</td>
<td>$5,250</td>
<td>$5,250</td>
</tr>
<tr>
<td>Program Costs*</td>
<td>$3,514</td>
<td>$3,806</td>
<td>$3,402</td>
<td>$4,439</td>
<td>$4,547</td>
<td>$4,683</td>
<td>$4,824</td>
</tr>
</tbody>
</table>

* In thousands of dollars.
• 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.
• 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.
• **Radon – No Fee Increase Necessary**

Revenue and Program Cost Projections

<table>
<thead>
<tr>
<th>Radon Program</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Funds Available</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>$976</td>
<td>$874</td>
<td>$731</td>
<td>$546</td>
</tr>
<tr>
<td>Fee Collection*</td>
<td>$181</td>
<td>$190</td>
<td>$568</td>
<td>$773</td>
<td>$773</td>
<td>$773</td>
<td>$773</td>
</tr>
<tr>
<td>Fines and Penalties*</td>
<td>$60</td>
<td>$63</td>
<td>$49</td>
<td>$50</td>
<td>$50</td>
<td>$50</td>
<td>$50</td>
</tr>
<tr>
<td>SIRG **</td>
<td>$321</td>
<td>$354</td>
<td>$371</td>
<td>$429</td>
<td>$429</td>
<td>$429</td>
<td>$429</td>
</tr>
<tr>
<td>Total Revenue*</td>
<td>$562</td>
<td>$607</td>
<td>$988</td>
<td>$1,252</td>
<td>$1,252</td>
<td>$1,252</td>
<td>$1,252</td>
</tr>
<tr>
<td>Program Costs*</td>
<td>$1,418</td>
<td>$1,271</td>
<td>$1,207</td>
<td>$1,354</td>
<td>$1,395</td>
<td>$1,437</td>
<td>$1,480</td>
</tr>
</tbody>
</table>

* In thousands of dollars.  ** State Indoor Radon Grant (SIRG)
• 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.
David J. Allard, Acting Deputy Secretary
Office of Waste, Air, Radiation and Remediation
djallard@pa.gov

Bryan Werner, Acting Director
Bureau of Radiation Protection
brwerner@pa.gov

Bobby Schena, Assistant Counsel
Bureau of Regulatory Counsel
roschena@pa.gov