



**United States
Environmental Protection Agency**

FISCAL YEAR 2022

**Justification of Appropriation
Estimates for the Committee
on Appropriations**

Tab 06: Buildings and Facilities

EPA-190-R-21-002

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**Environmental Protection Agency
FY 2022 Annual Performance Congressional Justification**

Table of Contents – Buildings and Facilities

Program Projects in B&F	447
Homeland Security.....	448
Homeland Security: Protection of EPA Personnel and Infrastructure.....	449
Operations and Administration.....	451
Facilities Infrastructure and Operations.....	452

**Environmental Protection Agency
FY 2022 Annual Performance Plan and Congressional Justification**

**APPROPRIATION: Building and Facilities
Resource Summary Table
(Dollars in Thousands)**

	FY 2020 Actuals	FY 2021 Enacted	FY 2022 Pres Budget	FY 2022 Pres Budget v. FY 2021 Enacted
Building and Facilities				
Budget Authority	\$46,542.0	\$33,752.0	\$62,752.0	\$29,000.0
Total Workyears	0.0	0.0	0.0	0.0

Bill Language: Building and Facilities

For construction, repair, improvement, extension, alteration, and purchase of fixed equipment or facilities of, or for use by, the Environmental Protection Agency, \$62,752,000, to remain available until expended.

**Program Projects in B&F
(Dollars in Thousands)**

Program Project	FY 2020 Actuals	FY 2021 Enacted	FY 2022 Pres Budget	FY 2022 Pres Budget v. FY 2021 Enacted
Homeland Security				
Homeland Security: Protection of EPA Personnel and Infrastructure	\$14,325.7	\$6,676.0	\$6,676.0	\$0.0
Operations and Administration				
Facilities Infrastructure and Operations	\$32,216.3	\$27,076.0	\$56,076.0	\$29,000.0
TOTAL B&F	\$46,542.0	\$33,752.0	\$62,752.0	\$29,000.0

Homeland Security

Homeland Security: Protection of EPA Personnel and Infrastructure

Program Area: Homeland Security

(Dollars in Thousands)

	FY 2020 Actuals	FY 2021 Enacted	FY 2022 Pres Budget	FY 2022 Pres Budget v. FY 2021 Enacted
Environmental Programs & Management	\$4,175.9	\$4,959.0	\$5,139.0	\$180.0
Science & Technology	\$443.0	\$501.0	\$501.0	\$0.0
<i>Building and Facilities</i>	<i>\$14,325.7</i>	<i>\$6,676.0</i>	<i>\$6,676.0</i>	<i>\$0.0</i>
Hazardous Substance Superfund	\$994.6	\$1,030.0	\$1,030.0	\$0.0
Total Budget Authority	\$19,939.2	\$13,166.0	\$13,346.0	\$180.0
Total Workyears	7.7	9.2	9.2	0.0

Total workyears in FY 2022 include 9.2 FTE to support Homeland Security Working Capital Fund (WCF) services.

Program Project Description:

EPA’s Buildings and Facilities resources in the Homeland Security: Protection of EPA Personnel and Infrastructure program support the protection of federal employees, contractors, grantees, and private citizens (occupants) who work within or visit EPA facilities nationwide. EPA’s buildings are a combination of headquarters and regional administrative offices, program and research laboratories, and support facilities/warehouses. These facilities are either EPA owned/leased, or GSA owned/leased. This funding ensures federal mandates are met as they relate to physical security and local emergency preparedness for all Agency locations. These funds support the physical security protection equipment and mechanisms, required to protect occupants, for facility relocation (e.g., moves, new leases, consolidations, etc.), physical equipment upgrades/modernization, or corrective actions required to address security vulnerabilities identified during security assessments.

FY 2022 Activities and Performance Plan:

In FY 2022, EPA will continue to partner with GSA on the Enterprise Physical Access Control System (ePACS). ePACS supports the Agency’s modernization of its security infrastructure in compliance with Homeland Security Presidential Directive-12 (HSPD-12)¹ and ensures that the Agency is undertaking every effort to enhance safety, security, and efficiency by more effectively controlling access into all EPA-controlled physical space and networks.

In FY 2022, EPA also will complete security projects to ensure the protection of occupants and compliance with federal mandates for physical security, including:

- Migration to ePACS at the Montgomery, Alabama Laboratory, the Newport, Oregon Environmental Laboratory, and the EPA Headquarters facilities in Washington, D.C.

¹ For additional information, please see: <https://www.dhs.gov/homeland-security-presidential-directive-12>.

- Various upgrades to closed-circuit television and physical security in response to vulnerabilities identified by previously conducted physical security assessments.

The Agency will continue to utilize GSA's Managed Service Office program, *USAccess*, for Personal Identity Verification card enrollment and issuance. *USAccess* is a GSA managed, shared services solution that provides EPA the ability to produce and maintain secure and reliable forms of identification, as required per HSPD-12, for all EPA employees and contractors.

Performance Measure Targets:

Work under this program supports performance results in the Central Planning, Budgeting, and Finance Program under the EPM appropriation.

FY 2022 Change from FY 2021 Enacted Budget (Dollars in Thousands):

- There is no change in program funding.

Statutory Authority:

Intelligence Reform and Terrorism Prevention Act of 2004; Homeland Security Act of 2002; Reorganization Plan No. 3 of 1970, 84 Stat. 2086, as amended by Pub. L. 98-80, 97 Stat. 485 (codified at Title 5, App.) (EPA's organic statute).

Operations and Administration

Facilities Infrastructure and Operations
Program Area: Operations and Administration

(Dollars in Thousands)

	FY 2020 Actuals	FY 2021 Enacted	FY 2022 Pres Budget	FY 2022 Pres Budget v. FY 2021 Enacted
Environmental Programs & Management	\$285,437.3	\$285,441.0	\$297,748.0	\$12,307.0
Science & Technology	\$68,812.7	\$67,500.0	\$68,533.0	\$1,033.0
<i>Building and Facilities</i>	\$32,216.3	\$27,076.0	\$56,076.0	\$29,000.0
Leaking Underground Storage Tanks	\$1,066.0	\$836.0	\$837.0	\$1.0
Inland Oil Spill Programs	\$640.2	\$682.0	\$683.0	\$1.0
Hazardous Substance Superfund	\$82,734.0	\$68,727.0	\$72,801.0	\$4,074.0
Total Budget Authority	\$470,906.5	\$450,262.0	\$496,678.0	\$46,416.0
Total Workyears	305.2	315.4	315.4	0.0

Total workyears in FY 2022 include 5.4 FTE to support Facilities Infrastructure and Operations working capital fund (WCF) services.

Program Project Description:

EPA’s Buildings and Facilities (B&F) appropriation supports the design, construction, repair, and improvement of EPA’s federally owned and leased land and structures in accordance with applicable codes and standards. Construction, renovation, and alteration projects costing more than \$150 thousand must use B&F funding. B&F resources ensure that the Agency complies with various mandates and goals including: the Energy Policy Act of 2005; the Energy Independence and Security Act of 2007 (EISA); and regulatory mandates associated with soil and water pesticides testing.

FY 2022 Activities and Performance Plan:

In accordance with the Memorandum on Implementation of Agency-wide Real Property Capital Planning (M-20-03)² and the *Federal Assets Sale and Transfer Act of 2016*,³ the Agency will continue to review its space needs. EPA is implementing a long-term space consolidation plan that will aim to reduce the number of occupied facilities, consolidate and optimize space within remaining facilities, and reduce square footage wherever practical. B&F resources are essential to the implementation of the long-term space consolidation plan. B&F resources also support facility-related construction and the repair and improvement (R&I) of EPA’s aging real estate inventory, including the laboratory facilities necessary to support EPA’s mission. Good stewardship practices demand the physical conditions, functionality, safety and health, security, and research capabilities of the Agency’s facilities are adequately maintained to ensure successful completion of EPA’s mission requirements and goals.

² For additional information, please refer to: <https://www.whitehouse.gov/wp-content/uploads/2019/11/M-20-03.pdf>.

³ For additional information, please refer to: *Federal Assets Sale and Transfer Act of 2016*, <https://www.congress.gov/114/plaws/publ287/PLAW-114publ287.pdf>.

In line with President Biden's Executive Order 14008, *Tackling the Climate Crisis at Home and Abroad*,⁴ work in this program supports EPA's efforts to increase facility resiliency and sustainability to combat the effects of climate change while adapting EPA space to a growing workforce. EPA will prioritize energy efficiency and climate resiliency investments in new construction and the rehabilitation of United States Government installations, buildings, and facilities.

Through master planning and nationwide efforts to use space more efficiently, EPA identifies B&F projects to be conducted. These projects support the long-term conditions and efficiency of EPA facilities. Further, B&F resources are needed to comply with GSA leasing practices requiring agencies to pay for B&F projects including sustainable features⁵ as tenant improvements (TI) or up front and ongoing project costs. This requirement significantly increases TI cost for new leases while resources are needed to consolidate space and move into new locations to reduce the Agency's footprint in accordance with the *Federal Asset Sale and Transfer Act of 2016*.

In FY 2020, EPA released 116,425 square feet of unused office and warehouse space and is planning to release an additional 26,017 square feet in FY 2021. Planned consolidations will allow EPA to release an expected 467,345 square feet of space in FY 2022. Space consolidation and reconfiguration enable EPA to reduce its footprint to create a more efficient, collaborative, and technologically sophisticated workplace. However, even if modifications are kept to a minimum, each move requires B&F funding. In FY 2022, the Agency will continue to explore opportunities to reconfigure EPA's workplaces with the goal of reducing long-term rent costs while increasing EPA facility resiliency and sustainability to combat the effects of climate change and ensuring a space footprint that accommodates a growing workforce.

The FY 2022 request includes resources for ongoing projects that will provide critical maintenance for aging laboratory facilities and are key to ensuring that the Agency has access to preeminent laboratory science while also supporting Executive Orders 14008 and 13990,⁶ which direct EPA to pursue aggressive energy, water, and building infrastructure requirements. To accomplish this, EPA must invest in structural infrastructure (e.g., architectural and design) and mechanical systems (e.g., electrical, water/steam, HVAC). These projects also will maintain a safe workplace, provide for high quality science, support agency priorities, and advance the Agency's mission. Delaying essential repairs results in the deterioration of EPA's facilities, which increases long-term repair costs and presents safety risks. EPA will focus on critical facility repairs and infrastructure upgrades to maintain an acceptable Facility Condition Index (FCI), which measures the current state of EPA owned facilities and informs B&F investment decisions in line with the Laboratory Study completed in 2014.⁷

⁴ For additional information, please refer to: <https://www.whitehouse.gov/briefing-room/presidential-actions/2021/01/27/executive-order-on-tackling-the-climate-crisis-at-home-and-abroad/>, *Executive Order on Tackling the Climate Crisis at Home and Abroad*.

⁵ Many of these features are required by EISA or executive orders.

⁶ For more information, please refer to Executive Order 14008: <https://www.federalregister.gov/documents/2021/02/01/2021-02177/tackling-the-climate-crisis-at-home-and-abroad>.

For more information, please refer to Executive Order 13990: <https://www.federalregister.gov/documents/2021/01/25/2021-01765/protecting-public-health-and-the-environment-and-restoring-science-to-tackle-the-climate-crisis>.

⁷ For additional information on the Synthesis Report of the U.S. EPA Laboratory Enterprise Evaluation, please refer to: <https://www.epa.gov/sites/production/files/2015-03/documents/synthesisreportoftheusepalaboratoryenterprise.pdf>.

In FY 2022, EPA will prioritize energy efficiency and climate resilience investments in new construction and the rehabilitation of United States Government installations, buildings, and facilities to ensure they are climate ready. These investments include:

- **National Vehicle and Fuel Emission Laboratory (NVFEL), Ann Arbor, Michigan.** NVFEL is an example of a building sustainability project which entails the repair, replacement and operations and maintenance (O&M) of NVFEL's extensive infrastructure to meet energy environmental requirements leading to energy savings and sustainability to meet the challenges of climate change.
- **Gulf Breeze and Newport Laboratories.** EPA will invest in climate resiliency-infrastructure protection for these two laboratories including sea level and storm rise protection, and power resiliency.

In FY 2022, the Agency will continue the following space optimization projects with the potential for the greatest long-term cost and energy savings:

- **Co-Locating in the Ada, Oklahoma laboratory.** EPA will continue its work to consolidate employees currently in leased laboratory space into owned space. The Agency is co-locating operations for the regional laboratory in Houston, Texas with the EPA-owned laboratory in Ada, Oklahoma. In FY 2022, EPA will begin Phase 2 construction.
- **Optimizing space at the Athens, Georgia laboratory.** In FY 2022, EPA will begin construction in the Main Lab Building (ORD-Athens).
- **Co-Locating in the Corvallis, OR laboratory.** The Agency is co-locating operations for the Region 9 laboratory in Richmond, California with the EPA-owned laboratory in Corvallis, Oregon. In FY 2022, the Agency will finalize construction of the Region 9 Facilities Support Services Center, which is designed for Region 9 laboratory support.

Performance Measure Targets:

Work under this program supports performance results in the Facilities Infrastructure and Operations Program under the EPM appropriation.

FY 2022 Change from FY 2021 Enacted Budget (Dollars in Thousands):

- (+\$29,000.0) This change to fixed and other costs is an increase to include \$17 million to support executive order requirements to increase EPA facility resiliency and sustainability to combat the effects of climate change and \$12 million to support the Agency's growing workforce and to ensure an optimal footprint to support the proposed FTE increase in the FY 2022 Budget request.

Statutory Authority:

Federal Property and Administration Services Act; Reorganization Plan No. 3 of 1970, 84 Stat. 2086, as amended by Pub. L. 98-80, 97 Stat. 485 (codified at Title 5, App.) (EPA's organic statute).

