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**United States  
Environmental Protection Agency**

**FISCAL YEAR 2018**

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

**Tab 12: E-Manifest**

EPA-190-K-17-002

May 2017

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**Environmental Protection Agency  
2018 Annual Performance Plan and Congressional Justification**

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**Environmental Protection Agency  
FY 2018 Annual Performance Plan and Congressional Justification**

**APPROPRIATION: Hazardous Waste Electronic Manifest System Fund  
Resource Summary Table  
(Dollars in Thousands)**

	<b>FY 2016 Actuals</b>	<b>FY 2017 Annualized CR</b>	<b>FY 2018 Pres Bud</b>	<b>FY 2018 Pres Bud v. FY 2017 Annualized CR</b>
<b>Hazardous Waste Electronic Manifest System Fund</b>				
Budget Authority	\$2,910.2	\$3,667.0	\$0.0	(\$3,667.0)
Total Workyears	7.6	7.9	7.9	0.0

**Bill Language: E-Manifest**

*For necessary expenses to carry out section 3024 of the Solid Waste Disposal Act (42 U.S.C. 6939g), including the development, operation, maintenance, and upgrading of the hazardous waste electronic manifest system established by such section, \$3,674,000, to remain available until expended: Provided, That the sum herein appropriated from the general fund shall be reduced as offsetting collections under such section 3024 are received during fiscal year 2018, which shall remain available until expended and be used for necessary expenses in this appropriation, so as to result in a final fiscal year 2018 appropriation from the general fund estimated at not more than \$0: Provided further, That to the extent such offsetting collections received in fiscal year 2018 exceed \$3,674,000, those excess amounts shall remain available until expended and be used for necessary expenses in this appropriation.*

**Program Projects in E-Manifest  
(Dollars in Thousands)**

<b>Program Project</b>	<b>FY 2016 Actuals</b>	<b>FY 2017 Annualized CR</b>	<b>FY 2018 Pres Bud</b>	<b>FY 2018 Pres Bud v. FY 2017 Annualized CR</b>
Resource Conservation and Recovery Act (RCRA)				
RCRA: Waste Management	\$2,910.2	\$3,667.0	\$0.0	(\$3,667.0)
Subtotal, RCRA: Waste Management	\$2,910.2	\$3,667.0	\$0.0	(\$3,667.0)
TOTAL, EPA	\$2,910.2	\$3,667.0	\$0.0	(\$3,667.0)

**Program Area: Resource Conservation and Recovery Act (RCRA)**

**RCRA: Waste Management**  
Program Area: Resource Conservation and Recovery Act (RCRA)

(Dollars in Thousands)

	<b>FY 2016 Actuals</b>	<b>FY 2017 Annualized CR</b>	<b>FY 2018 Pres Bud</b>	<b>FY 2018 Pres Bud v. FY 2017 Annualized CR</b>
<i>Hazardous Waste Electronic Manifest System Fund</i>	<b>\$2,910.2</b>	<b>\$3,667.0</b>	<b>\$0.0</b>	<b>(\$3,667.0)</b>
Environmental Program & Management	\$57,022.8	\$58,986.0	\$41,146.0	(\$17,840.0)
Total Budget Authority / Obligations	\$59,933.0	\$62,653.0	\$41,146.0	(\$21,507.0)
Total Workyears	315.8	332.7	205.9	-126.8

**Program Project Description:**

Under the Resource Conservation and Recovery Act (RCRA), companies that ship hazardous waste must track and report those shipments. Currently, the estimated five million shipments of hazardous waste each year are tracked via a paper process. This creates a burden on companies, limits access to information, and increases the potential for errors.

The Hazardous Waste Electronic Manifest Establishment Act (e-Manifest Act, Public Law 112-195), enacted on October 5, 2012, requires the EPA to develop a fee-based electronic hazardous waste manifest system. The EPA estimates the e-Manifest system will reduce the burden associated with paper manifests by between 300,000 and 700,000 hours, saving state and industry users more than \$75 million annually.<sup>1</sup> The e-Manifest system will provide better knowledge of waste generation and final disposition, enhanced access to manifest information, and greater transparency for the public about hazardous waste shipments.

In FY 2014, Congress established the "Hazardous Waste Electronic Manifest System Fund" to carry out the activities necessary to implement the e-Manifest program, including system development, rulemaking, and advisory committee establishment. Once this system is in place, the collected fees will support the continued development and operation of the program.

**FY 2018 Activities and Performance Plan:**

In FY 2018, the EPA will finalize and launch the e-Manifest system. To complete development and begin operation with sufficient resources, the EPA requests an upfront appropriation of \$3.67 million. The agency will collect and deposit e-Manifest system user fees received in FY 2018 to reimburse the federal government for its upfront appropriation; this will result in a net appropriation of \$0 by the end of the fiscal year. The EPA will utilize any excess collections for necessary program expenses.

<sup>1</sup> From a 2009 programmatic estimate, cited in [Hazardous Waste Management System; Modification of the Hazardous Waste Manifest System; Electronic Manifests; Final Rule](#). 40 CFR § 260, 262, 263, 264, 265, and 271.

The agency continues to implement a modular approach to e-Manifest system development, utilizing agile software development best practices. This approach relies fundamentally on stakeholder input so that the production-ready system is familiar to users and meets their expectations. The EPA will continue to employ an agile, user-centric approach so that there is continuous improvement even after the system launches.

In FY 2018, the EPA plans to perform the following key activities:

- Deliver the e-Manifest system in June 2018 that accepts hybrid, electronic, and paper manifests.
- Engage industry, regions, and states to train users and stakeholders on the e-Manifest system and prepared them for system launch;
- Complete the final User Fee rule;
- Develop the appropriate accounting and financial reporting interfaces needed to collect and manage user fees and comply with the auditing requirements of the Hazardous Waste Electronic Manifest Act; and
- Convene the e-Manifest Advisory Board, consisting of state and industry stakeholders and IT experts, to provide input on system development and on the final user fee regulation.

A list of FY 2018 performance measures and targets is located in the FY 2018 Performance Measures tab.

**FY 2018 Change from FY 2017 Annualized Continuing Resolution (Dollars in Thousands):**

- (-\$3,667.0 / -7.9 FTE) The EPA requests an upfront appropriation of \$3.67 million that will net to \$0 after reimbursing the federal government using collected e-Manifest system user fees. The upfront appropriation will cover necessary costs to implement and operate the e-Manifest program. The EPA will utilize any excess collections for necessary program expenses.

**Statutory Authority:**

Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act and the Hazardous Waste Electronic Manifest Establishment Act, 42 United States Code 6901 et seq. – Sections 3004, 3005, 3024, 8001.